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Cranes

TC/American Crane Company provides the highest quality patented track, under-running cranes available.

Bridge Beams

200 Series Cranes: 200 Series Girder Rail
 325 Series Cranes: 325 Series "L" and "H" Rail
 450 Series Cranes: 450 Series Rail

All Models:

- Standard bridge beams—maximum allowable deflection with rated load is $\frac{1}{450}$ of span
- Maximum span to top flange ratio does not exceed 60:1.

End Trucks

All end truck frames are steel weldments, except 2ET-1300-4 and 3ET-1300-4, which are castings.

200 Series Cranes:

All standard crane end trucks have flanged wheel trolleys.

325 Series Cranes:

All standard crane end trucks through 3ET-28000-8 have flanged wheel trolleys. 3ET-38000-8 has flangeless wheels and side rollers. Motorized trolleys have geared flange wheels and side rollers. Optional end trucks, 3ET-2600-4SR through 3ET-28000-8SR available with flangeless wheels and side rollers.

450 Series Cranes

All standard end trucks have flangeless wheels and side rollers. Motorized trolleys have geared flange wheels and side rollers.

All Models:

- Ratio of crane span to end truck wheelbase does not exceed 10:1.
- All end trucks are furnished with restraining lugs.
- Designed for minimum deflection for use with interlocks.
- Wheel bearings, minimum B-10 life of 5000 hours.
- Standard wheel assemblies provided with regreasable bearings.
- See catalog End Truck section and Trolley Section for details.

Trolleys

Crane end trucks furnished with TC/American Crane articulating two- or four-wheel trolleys, either flanged wheel or flangeless wheel with side rollers, as described above.

All Models:

- Wheel treads heat treated to 425 Brinnell minimum hardness, except 3" diameter, low capacity wheels.

Bridge Electrification

Electrified cranes can be furnished with TC/American Crane electrical conductor bars, Electrification either Shielded Channel-Bar or Figure-8, Side Contact or Bottom Contact,

mounted on the bridge beam. See catalog Electrification Section for details.

Interlocks

All models of cranes may be provided with interlocks to allow transfer of a load from one crane to another, or from crane to monorail. One or both ends of all cranes can be fitted with interlocks. Interlocks on both ends of cranes up to 2-ton capacity, through 22-foot span, can be operated by one operating mechanism. Longer spans and higher capacity cranes require interlocks with individual operating mechanisms. Manual operation is standard; motorized operation is optional.

Service

Class "C" per MMA Specifications (for indoor operation).

Options

Optional crane speeds, motors, control enclosures, bridge conductors, long span cranes, extended wheelbase end trucks, special finishes and other features are available upon request

Paint

One coat of TC/American Crane alert yellow enamel. Material surface prepared to SSPC-SP2 minimum.



Standard Cranes

The following types of standard cranes are shown in this Systems Catalog:

Single girder, Hand Pushed

200 Series —1/4-ton through 2-ton capacity

325 Series —1/4-ton through 3-ton capacity

For economical intermittent or standby service, moderate loads and low elevations.

Single girder, Hand Chain Driven

325 Series —Up to 10-ton capacity

For short runways and where loads must be spotted closely. Drive is a hand chain pocket wheel and roller chain reduction drive, connected to a line shaft with under-the-end truck drive tires on each end truck.

Single girder, Center Motor Driven

200 Series —Up to 2-ton capacity

325 Series —Up to 10-ton capacity

For frequent handling of heavy loads. Drive is via a single motor and reducer mounted near the crane

center, connected to a line shaft with under-the-end truck drive tires on each end truck.

Single girder, Dual Motor Driven

325 Series —Up to 10-ton capacity

450 Series —Up to 15-ton capacity

For frequent handling of heavy loads. Drive is via motorized trolleys on each end truck.

Double girder, Dual Motor Driven

325 Series —Up to 20-ton capacity

For frequent handling of heavy loads. For maximum hook height with minimum headroom.

Single girder, Double Truss, Dual Motor Driven

325 Series —Up to 15-ton capacity. Up to 100-foot span or more.

For long span applications where building construction will not support center runways; where standard bridge beams are not suitable due to excessive bridge weight or clearance requirements.

Special Cranes

TC/American Crane provides special cranes designed to meet almost any material handling need. Contact our Dealers and our Sales Office for a proposal on special applications. Some examples are:

Multiple Runway Cranes

Cranes for three, four, five, six or more runways as required.

For buildings requiring a long crane for maximum hook height with minimum headroom required.

Building truss members must be designed to accommodate multiple support locations.

Capacities as required, based upon building support capability.

Air Motor Driven Cranes

For applications where an electric motor drive is not usable or desired.

Crane configuration is as a standard Center Motor Driven Crane.

Dipping Cranes

Specialized cranes designed to pick up, transport and set down loads in tanks for various cleaning and

plating operations. May be manually operated or integrated into a programmed operating sequence.

Cranes with Lifting Beams

Cranes with the bridge beam mounted on a lifting device to allow vertical movement of a load.

Stacker Cranes

Special cranes fitted with a forklift-type mast and fork carriage.

Cranes with Fixed or Telescoping Masts with Maintenance, Inspection or Painting Platforms

Special cranes used in aircraft maintenance and other industries for maintenance, servicing and overhaul work. Allows complete access to an aircraft or other products without the need for floor mounted platforms.

Cranes with Telescoping Bridge Beams

Special cranes with a bridge beam that may be extended horizontally, either manually or powered, to allow a load to be set off or picked up to the side.



TC/American Crane Company equipment is designed to be used with TC/American Crane Company products. TC/American provides no warranty, expressed or implied, for compatibility of other manufacturers' equipment.

TC/American cranes are designed and manufactured to the following codes and specifications where applicable.

- AISC** – American Institute of Steel Construction
- ANSI** – American National Standards Institute B30 Code
- AWS** – American Welding Society
- MMA** – Monorail Manufacturers Association
- NEC** – National Electrical Code
- OSHA** – Occupational Safety and Health
- HMI** – Hoist Manufacturers Institute





200 Series Cranes

Model 2C-500-HP Hand Push Crane

500 lb. capacity

Crane design load = 1075 lbs.

(Live load 500 lbs. + 75 lbs. impact + 500 lbs. hoist & trolley)

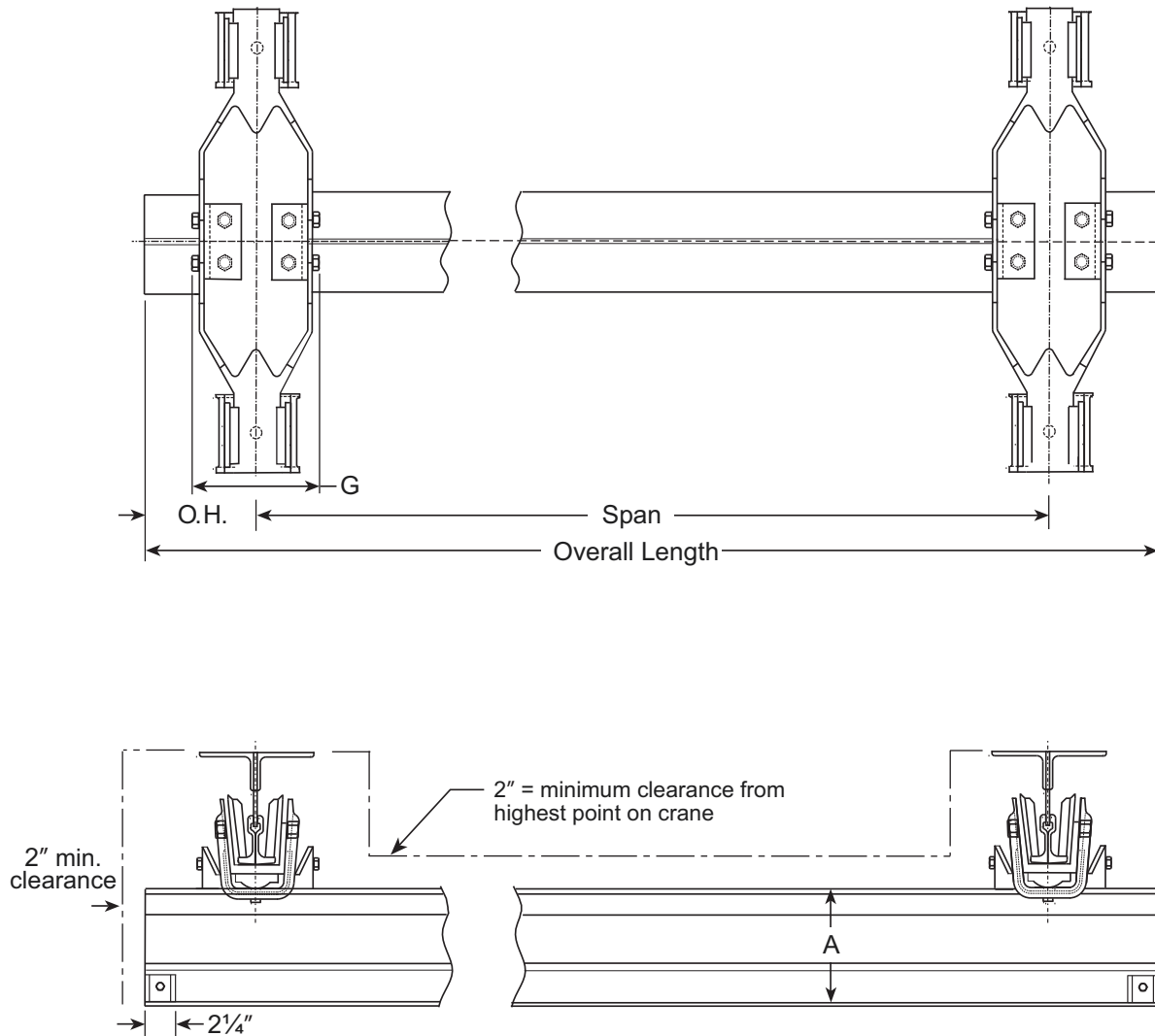
Crane Conductor Bars

- Bottom Contact conductor bars can be mounted on all cranes, including those with 7" deep bridge beams.
- Side Contact conductor bars require min. 11" deep bridge beam (7" gage on conductor bars).

Crane Interlocks

- Non-electrified cranes: Model 2I-515 (for cranes with bridge depth greater than 7": add for step cuts)
- Electrified cranes w/bottom contact conductor bar: Model 2I-515 (for cranes with bridge depth greater than 7": add for step cuts)
- Electrified cranes w/side contact conductor bar: Model 2I-930 (for cranes with bridge depth greater than 11": add for step cuts)

See "[Crane Interlocks](#)" on page F-99 for more information.



2C-500-HP Cranes

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.	
10	2ET-1300-4	2GR7-15*	7"	7"	4"	7"	12"	250 lbs.
12	2ET-1300-4	2GR7-15*	7"	7"	4"	7"	12"	280 lbs.
14	2ET-1300-4	2GR7-15*	7"	7"	4"	7"	12"	310 lbs.
16	2ET-2600-4	2GR7-15*	7"	7"	4"	7"	12"	402 lbs.
18	2ET-2600-4	2GR7-15*	7"	7"	4"	7"	12"	432 lbs.
20	2ET-2600-4	2GR9-18*	9"	9"	4"	7"	12"	528 lbs.
22	2ET-2600-4	2GR9-18*	9"	9"	4"	7"	12"	564 lbs.
24	2ET-2600-4	2GR11-23	11"	11"	4"	7"	12"	730 lbs.
26	2ET-2600-4	2GR11-23	11"	11"	4"	7"	12"	776 lbs.
28	2ET-2600-4	2GR11-23	11"	11"	4"	7"	12"	822 lbs.

* For crane with side contact conductors, minimum bridge size is 2GR11-16. Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops). Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

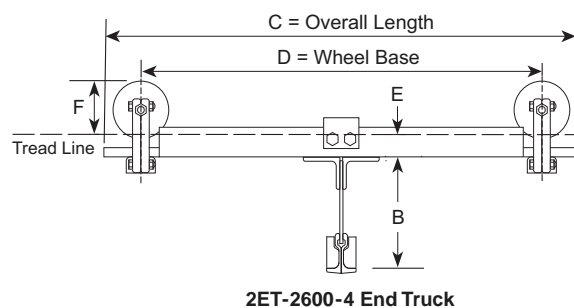
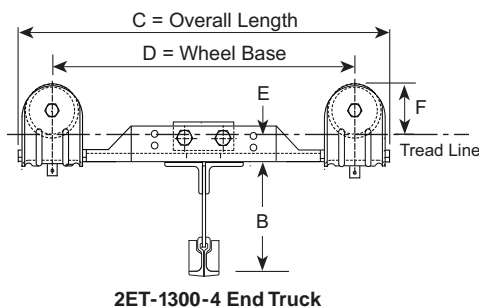
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with 2I-515 or 2I-930 Interlocks = 12". Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

2C-500-HP End Truck Specifications*

Model Number	Dimensions					# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G			
2ET-1300-4	24¼"	20"	1½"	3¼"	67/8"	2	1300 lbs.	34 lbs.
2ET-2600-4	40"	34"	1½"	43/8"	73/8"	2	2600 lbs.	65 lbs.

* See "200 Series Crane End Trucks" on page G-3 for more information.

† Maximum load on 2-wheel trolley cannot exceed 2000 pounds (1000 lbs. per wheel on 200 Series Rail).





Model 2C-1000-HP Hand Push Crane

1000 lb. capacity

Crane design load = 1650 lbs.

(Live load 1000 lbs. + 150 lbs. impact + 500 lbs. hoist & trolley)

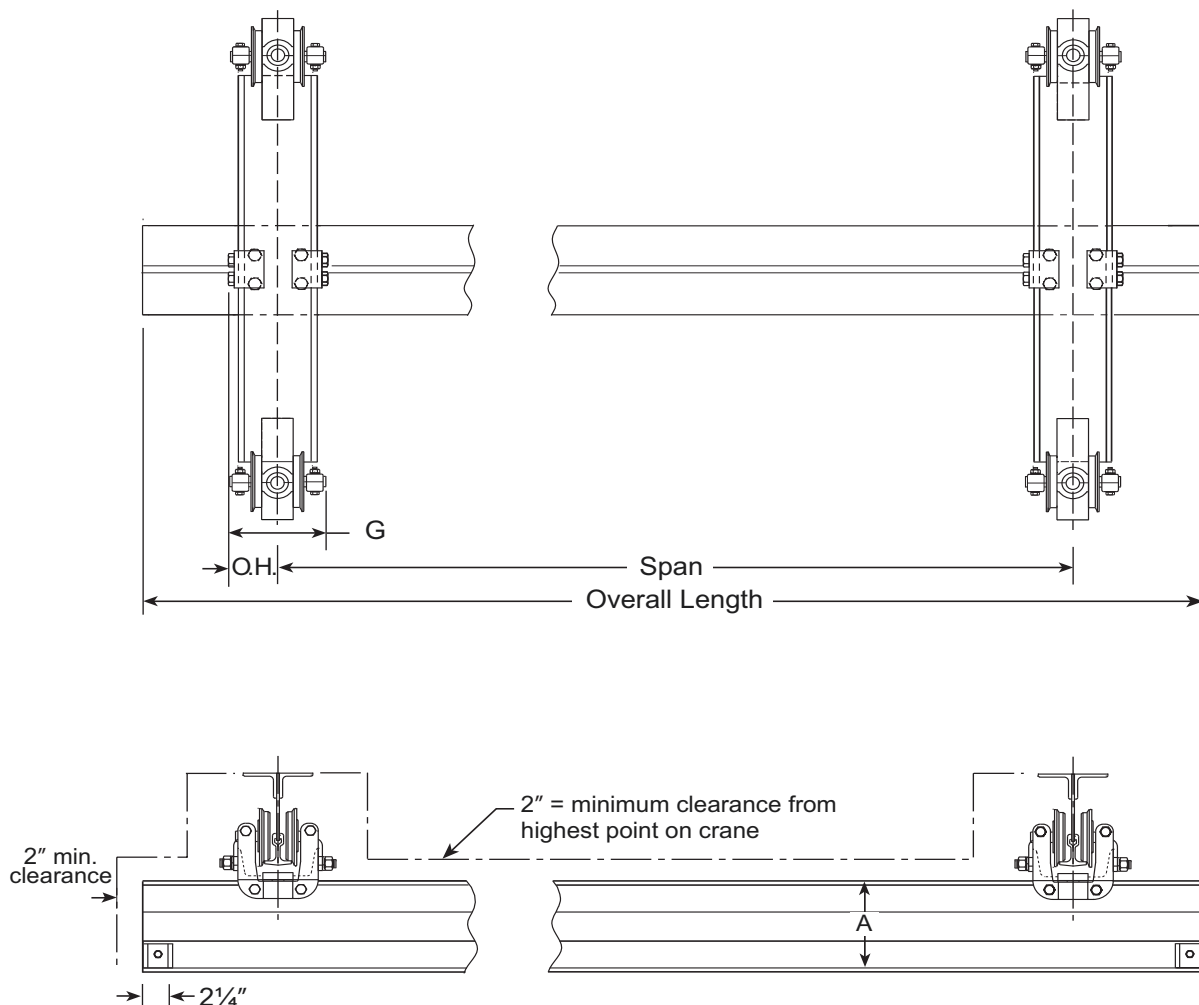
Crane Conductor Bars

- Bottom Contact conductor bars can be mounted on all cranes, including those with 7" deep bridge beams.
- Side Contact conductor bars require min. 11" deep bridge beam (7" gage on conductor bars).

Crane Interlocks

- Non-electrified cranes: Model 2I-515 (for cranes with bridge depth greater than 7": add for step cuts)
- Electrified cranes w/bottom contact conductor bar: Model 2I-515 (for cranes with bridge depth greater than 7": add for step cuts)
- Electrified cranes w/side contact conductor bar: Model 2I-930 (for cranes with bridge depth greater than 11": add for step cuts)

See "[Crane Interlocks](#)" on page F-99 for more information.



2C-1000-HP Cranes

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.	
10	2ET-2600-4	2GR7-15*	7"	7"	4"	7"	12"	312 lbs.
12	2ET-2600-4	2GR7-15*	7"	7"	4"	7"	12"	342 lbs.
14	2ET-2600-4	2GR7-15*	7"	7"	4"	7"	12"	372 lbs.
16	2ET-2600-4	2GR7-15*	7"	7"	4"	7"	12"	402 lbs.
18	2ET-2600-4	2GR7-15*	7"	7"	4"	7"	12"	432 lbs.
20	2ET-2600-4	2GR9-18*	9"	9"	4"	7"	12"	528 lbs.
22	2ET-2600-4	2GR9-18*	9"	9"	4"	7"	12"	564 lbs.
24	2ET-2600-4	2GR11-23	11"	11"	4"	7"	12"	730 lbs.
26	2ET-2600-4	2GR11-23	11"	11"	4"	7"	12"	776 lbs.
28	2ET-2600-4	2GR11-23	11"	11"	4"	7"	12"	822 lbs.

* For crane with side contact conductors, minimum bridge size is 2GR11-16. Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops) plus standard controls and motorized drive. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

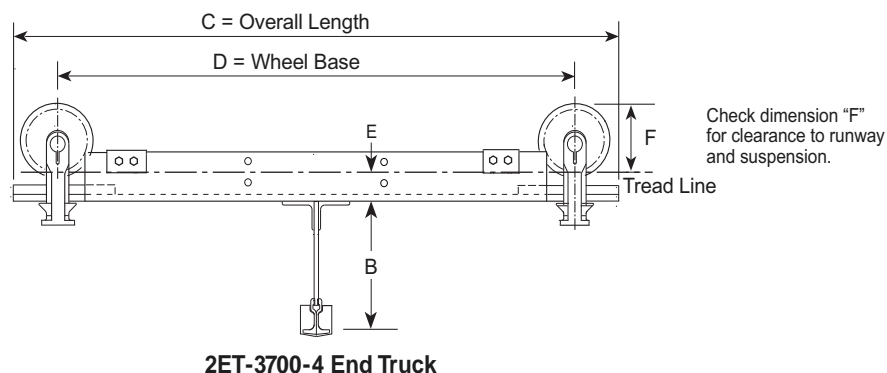
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with 2I-515 or 2I-930 Interlocks = 12". Minimum O.H. shown allows for width of end truck. Consult factory for overhangs not shown.

2C-1000-HP End Truck Specifications*

Model Number	Dimensions					# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G			
2ET-2600-4	40"	34"	1½"	4¾"	7¾"	2	2600 lbs.	65 lbs.

* See "200 Series Crane End Trucks" on page G-3 for more information.

† Maximum load on 2-wheel trolley cannot exceed 2000 pounds (1000 lbs. per wheel on 200 Series Rail).



Model 2C-2000-HP Hand Push Crane

2000 lb. capacity

Crane design load= 2900 lbs.

(Live load 2000 lbs. + 300 lbs. impact + 600 lbs. hoist & trolley)

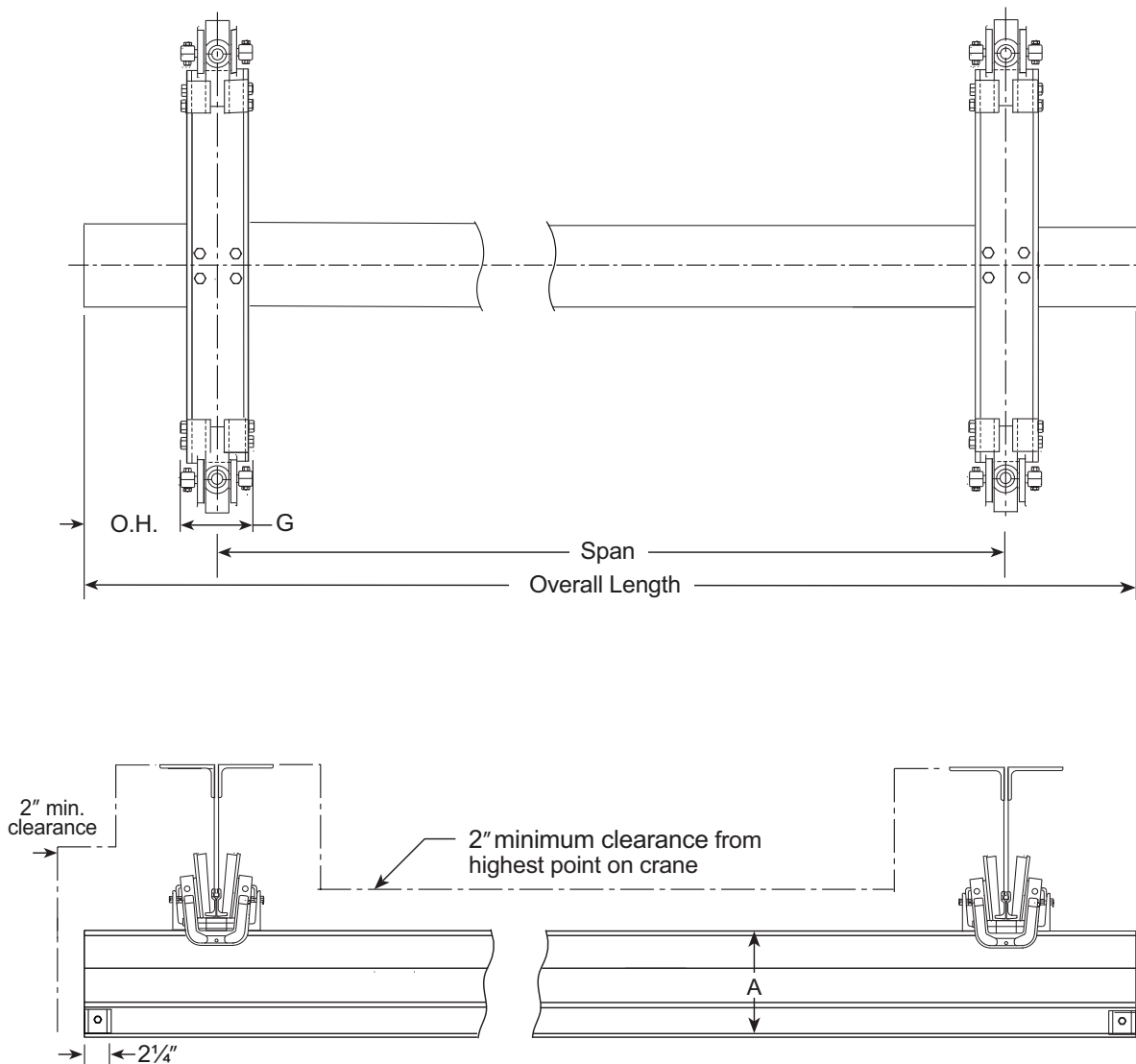
Crane Conductor Bars

- Bottom Contact conductor bars can be mounted on all cranes, including those with 7" deep bridge beams.
- Side Contact conductor bars require min. 11" deep bridge beam (7" gage on conductor bars).

Crane Interlocks

- Non-electrified cranes: Model 2I-515 (for cranes with bridge depth greater than 7": add for step cuts)
- Electrified cranes w/bottom contact conductor bar: Model 2I-515 (for cranes with bridge depth greater than 7": add for step cuts)
- Electrified cranes w/side contact conductor bar: Model 2I-930 (for cranes with bridge depth greater than 11": add for step cuts)

See "Crane Interlocks" on page F-99 for more information.



2C-2000-HP Cranes

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.	
10	2ET-3700-4	2GR7-15*	7"	7"	4"	11"	12"	422 lbs.
12	2ET-3700-4	2GR7-15*	7"	7"	4"	11"	12"	452 lbs.
14	2ET-3700-4	2GR7-15*	7"	7"	4"	11"	12"	482 lbs.
16	2ET-3700-4	2GR7-17*	7"	7"	4"	11"	12"	548 lbs.
18	2ET-3700-4	2GR9-18*	9"	9"	4"	11"	12"	602 lbs.
20	2ET-3700-4	2GR9-22*	9"	9"	4"	11"	12"	726 lbs.
22	2ET-3700-4	2GR9-22*	9"	9"	4"	11"	12"	770 lbs.
24	2ET-3700-4	2GR11-23	11"	11"	4"	11"	12"	840 lbs.
26	2ET-3700-4	2GR11-23	11"	11"	4"	11"	12"	886 lbs.
28	2ET-3700-4	2GR11-26	11"	11"	4"	11"	12"	1022 lbs.
30	2ET-3700-4	2GR13-29	13½"	13½"	4"	13½"	12"	1170 lbs.

* For crane with side contact conductors, minimum bridge size is 2GR11-16. Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops) plus standard controls and motorized drive. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

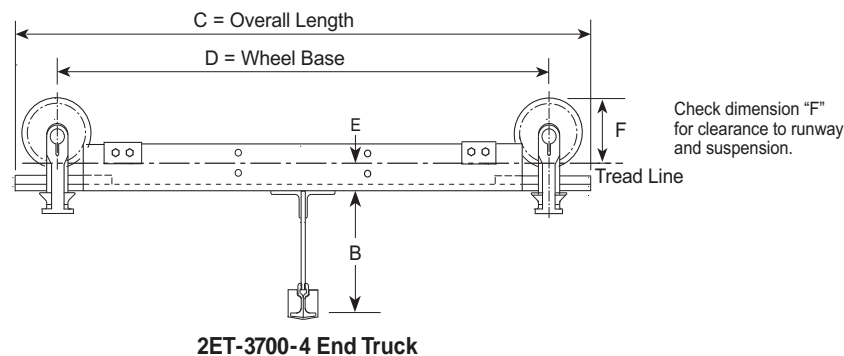
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with 2I-515 or 2I-930 Interlocks = 12". Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

2C-2000-HP End Truck Specifications*

Model Number	Dimensions					# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G			
2ET-3700-4	45¾"	39"	1½"	5⅞"	8¾"	2	3700 lbs.	120 lbs.

* See "200 Series Crane End Trucks" on page G-3 for more information.

† Maximum load on 2-wheel trolley cannot exceed 2000 pounds (1000 lbs. per wheel on 200 Series Rail).



Model 2C-4000-HP Hand Push Crane

4000 lb. capacity

Crane design load = 5400 lbs.

(Live load 4000 lbs. + 600 lbs. impact + 800 lbs. hoist & trolley)

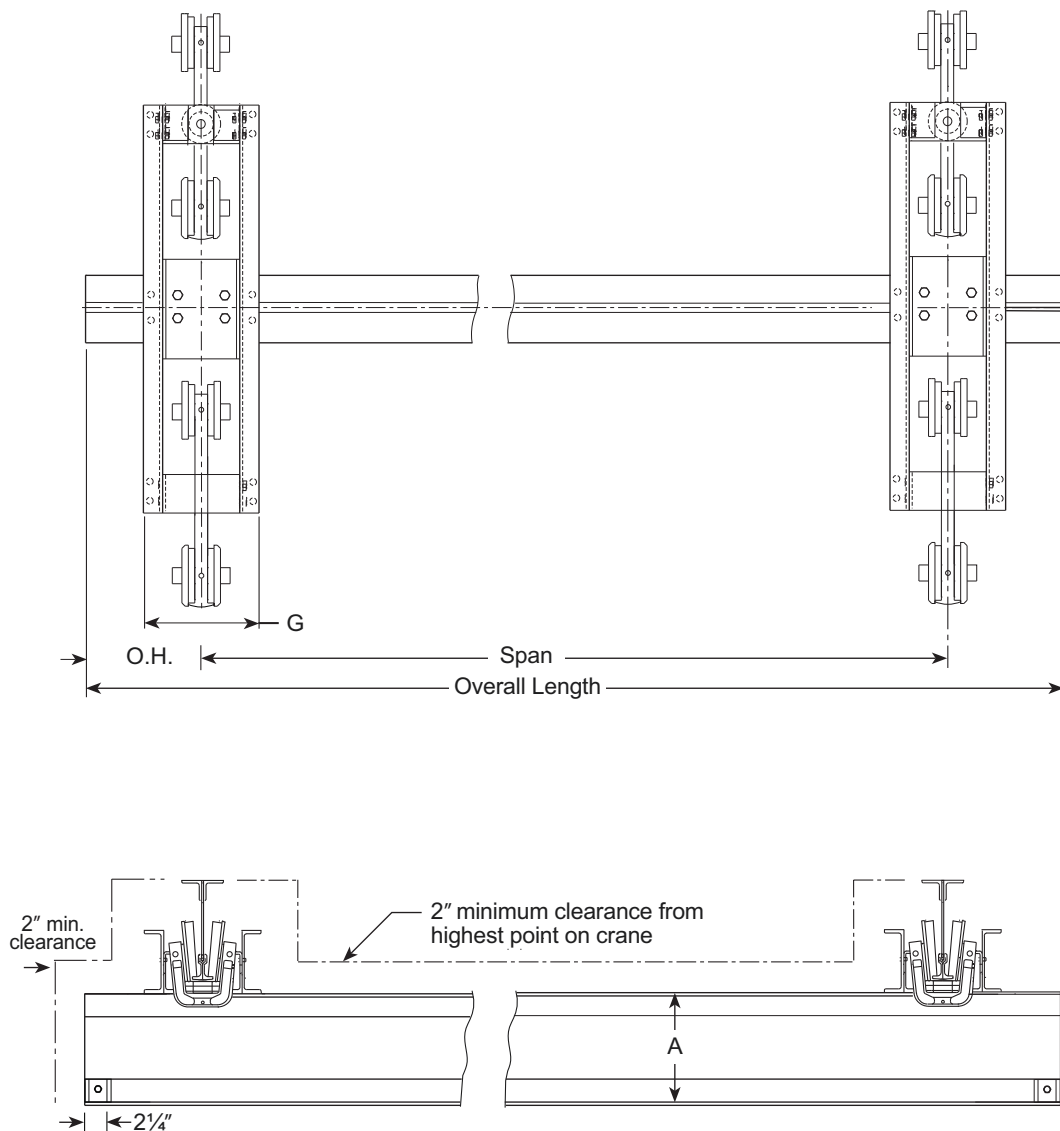
Crane Conductor Bars

- Bottom Contact conductor bars can be mounted on all cranes, including those with 7" deep bridge beams.
- Side Contact conductor bars require min. 11" deep bridge beam (7" gage on conductor bars).

Crane Interlocks

- Non-electrified cranes: Model 2I-515 (for cranes with bridge depth greater than 7": add for step cuts)
- Electrified cranes w/bottom contact conductor bar: Model 2I-515 (for cranes with bridge depth greater than 7": add for step cuts)
- Electrified cranes w/side contact conductor bar: Model 2I-930 (for cranes with bridge depth greater than 11": add for step cuts)

See "[Crane Interlocks](#)" on page F-99 for more information.



2C-4000-HP Cranes

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.	
10	2ET-7700-8	2GR7-15*	7"	7"	6"	7"	12"	602 lbs.
12	2ET-7700-8	2GR9-18*	9"	9"	6"	7"	12"	674 lbs.
14	2ET-7700-8	2GR9-22*	9"	9"	6"	7"	12"	774 lbs.
16	2ET-7700-8	2GR11-23	11"	11"	6"	7"	12"	836 lbs.
18	2ET-7700-8	2GR11-23	11"	11"	6"	7"	12"	882 lbs.
20	2ET-7700-8	2GR11-26	11"	11"	6"	7"	12"	994 lbs.
22	2ET-7700-8	2GR13-29	13½"	13½"	6"	7"	12"	1118 lbs.
24	2ET-7700-8	2GR13-29	13½"	13½"	6"	7"	12"	1176 lbs.

* For crane with side contact conductors, minimum bridge size is 2GR11-16. Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops). Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

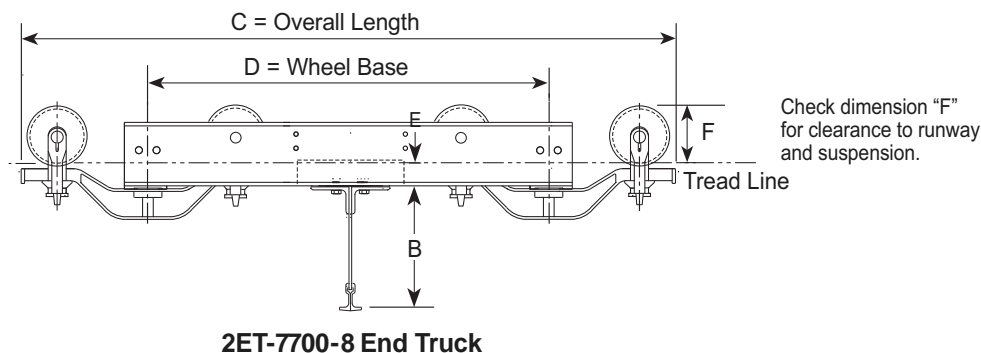
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with 2I-515 or 2I-930 Interlocks = 12". Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

2C-4000-HP End Truck Specifications*

Model Number	Dimensions					# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G			
2ET-7700-8	61¾"	38"	1½"	5⅞"	11¾"	4	7700 lbs.	180 lbs.

* See "200 Series Crane End Trucks" on page G-3 for more information.

† Maximum load on 2-wheel trolley cannot exceed 2000 pounds (1000 lbs. per wheel on 200 Series Rail).





Model 2C-2000-MD Motor Driven Crane

2000 lb. capacity

Crane design load = 3300 lbs.

(Live load 2000 lbs. + 300 lbs. impact + 1000 lbs. hoist & trolley)

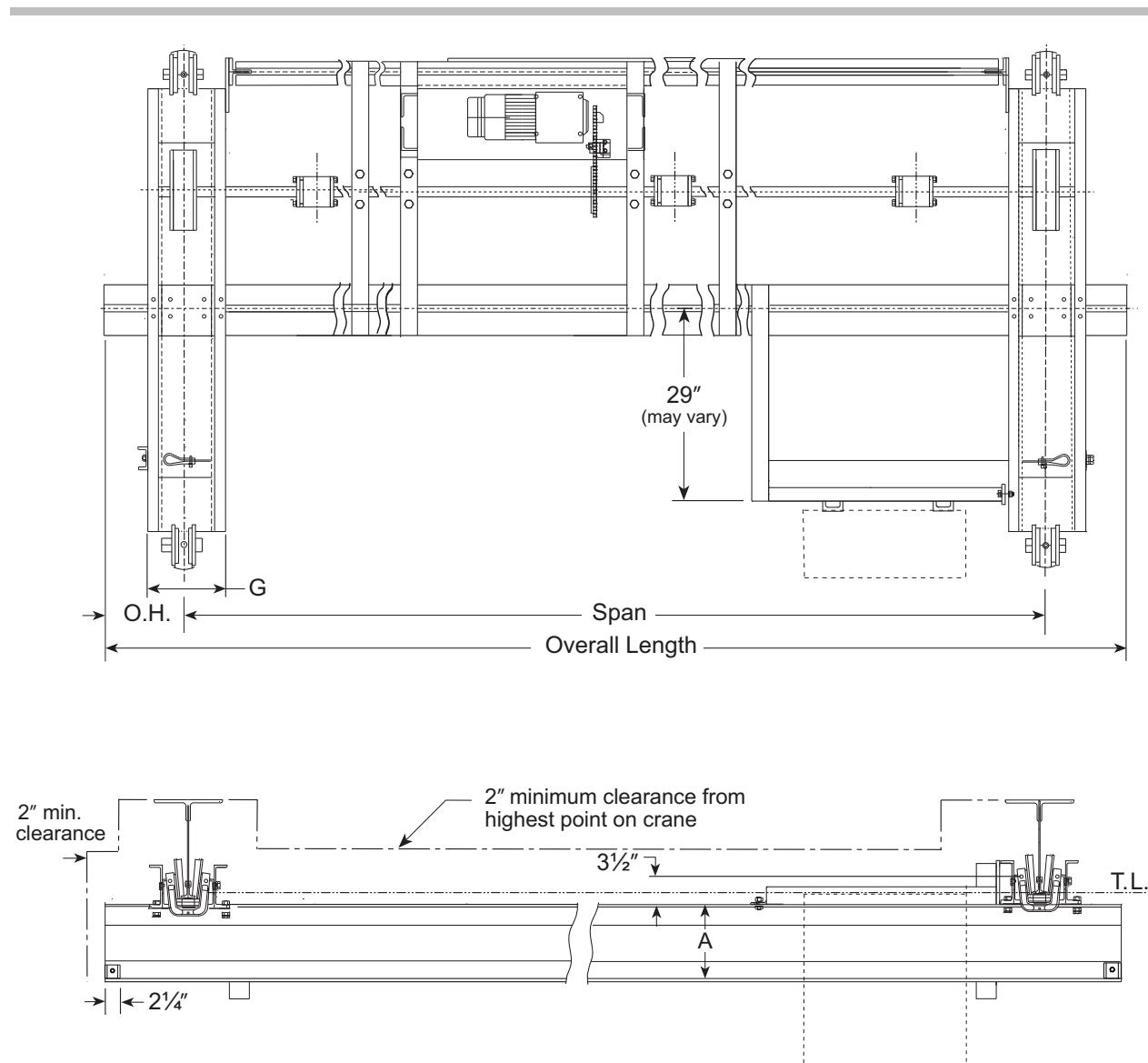
Crane Conductor Bars

- Bottom Contact conductor bars can be mounted on all cranes, including those with 7" deep bridge beams.
- Side Contact conductor bars require min. 11" deep bridge beam (7" gage on conductor bars).

Crane Interlocks

- Non-electrified cranes: Model 2I-515 (add for step cuts)
- Electrified cranes w/bottom contact conductor bar: Model 2I-515 (for cranes with bridge depth greater than 7": add for step cuts)
- Electrified cranes w/side contact conductor bar: Model 2I-930 (for cranes with bridge depth greater than 11": add for step cuts)

See "[Crane Interlocks](#)" on page F-99 for more information.



2C-2000-MD Cranes

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		H.P. 100 FPM	EstimatedCr ane Weight
		Model No.	A	B	O.H. (min)	B	O.H.		
10	2ET-3800-4	2GR11-16	11"	11"	6"	11"	12"	½	985 lbs.
12	2ET-3800-4	2GR11-23	11"	11"	6"	11"	12"	½	1132 lbs.
14	2ET-3800-4	2GR11-23	11"	11"	6"	11"	12"	½	1195 lbs.
16	2ET-3800-4	2GR11-23	11"	11"	6"	11"	12"	½	1258 lbs.
18	2ET-3800-4	2GR11-23	11"	11"	6"	11"	12"	½	1321 lbs.
20	2ET-3800-4	2GR11-23	11"	11"	6"	11"	12"	½	1384 lbs.
22	2ET-3800-4	2GR11-23	11"	11"	6"	11"	12"	½	1447 lbs.
24	2ET-3800-4	2GR11-23	11"	11"	6"	11"	12"	½	1510 lbs.
26	2ET-3800-4	2GR11-26	11"	11"	6"	11"	12"	½	1657 lbs.
28	2ET-3800-4	2GR13-27	13½"	13½"	6"	11"	12"	½	1756 lbs.
30	2ET-3800-4	2GR13-29	13½"	13½"	6"	11"	12"	½	1827 lbs.
32	2ET-3800-4	2GR13-29	13½"	13½"	6"	11"	12"	½	1898 lbs.

For crane with side contact conductors, minimum bridge size is 2GR11-16. Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops). Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

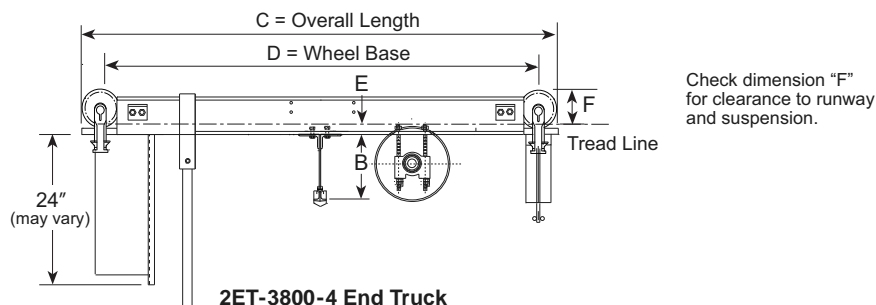
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with 2I-515 or 2I-930 Interlocks = 12". Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

2C-2000-MD End Truck Specifications*

Model Number	Dimensions					# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G			
2ET-3800-4	76¼"	69½"	1½"	57⁄8"	11¾"	2	3800 lbs.	160 lbs.

* See "200 Series Crane End Trucks" on page G-3 for more information.

† Maximum load on 2-wheel trolley cannot exceed 2000 pounds (1000 lbs. per wheel on 200 Series Rail).



Model 2C-4000-MD Motor Driven Crane

4000 lb. capacity

Crane design load = 6100 lbs.

(Live load 4000 lbs. + 600 lbs. impact + 1500 lbs. hoist & trolley)

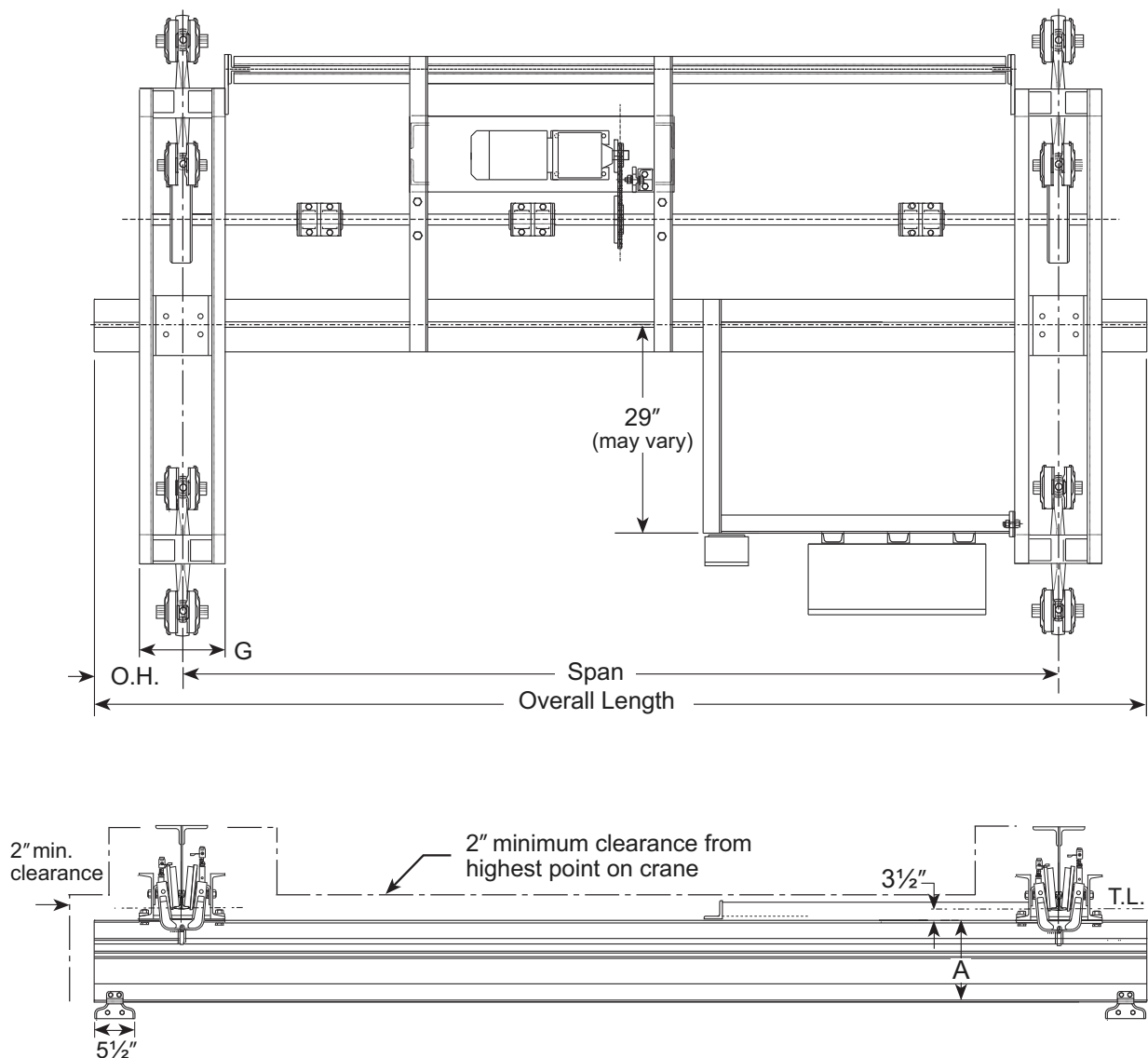
Crane Conductor Bars

- Bottom Contact conductor bars can be mounted on all cranes, including those with 7" deep bridge beams.
- Side Contact conductor bars require min. 11" deep bridge beam (7" gage on conductor bars).

Crane Interlocks

- Non-electrified cranes: Model 2I-515 (add for step cuts)
- Electrified cranes w/bottom contact conductor bar: Model 2I-515 (for cranes with bridge depth greater than 7": add for step cuts)
- Electrified cranes w/side contact conductor bar: Model 2I-930 (for cranes with bridge depth greater than 11": add for step cuts)

See "[Crane Interlocks](#)" on page F-99 for more information.



2C-4000-MD Cranes

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		H.P. 100 FPM	Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.		
10	2ET-7800-8	2GR11-23	11"	11"	6"	11"	12"	½	1169 lbs.
12	2ET-7800-8	2GR11-23	11"	11"	6"	11"	12"	½	1232 lbs.
14	2ET-7800-8	2GR11-23	11"	11"	6"	11"	12"	½	1295 lbs.
16	2ET-7800-8	2GR11-23	11"	11"	6"	11"	12"	½	1358 lbs.
18	2ET-7800-8	2GR11-23	11"	11"	6"	11"	12"	½	1421 lbs.
20	2ET-7800-8	2GR13-27	13½"	13½"	6"	11"	12"	½	1572 lbs.
22	2ET-7800-8	2GR13-29	13½"	13½"	6"	11"	12"	½	1691 lbs.
24	2ET-7800-8	2GR13-29	13½"	13½"	6"	11"	12"	½	1766 lbs.

For crane with side contact conductors, minimum bridge size is 2GR11-16. Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops). Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

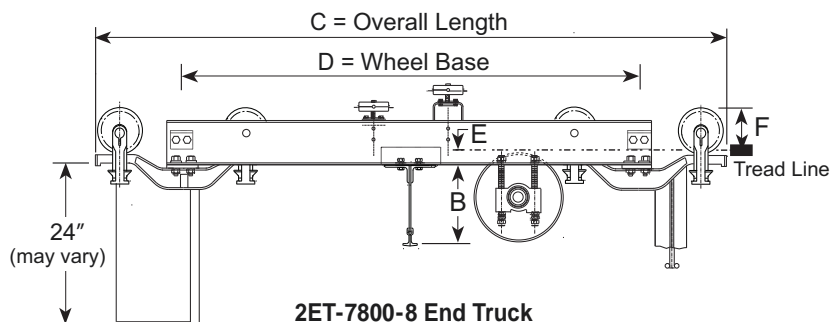
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with 2I-515 or 2I-930 Interlocks = 12". Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

2C-4000-MD End Truck Specifications*

Model Number	Dimensions					# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G			
2ET-7800-8	84¾"	61"	1½"	5⅞"	11¾"	4	7800 lbs.	210 lbs.

* See "200 Series Crane End Trucks" on page G-3 for more information.

† Maximum load on 2-wheel trolley cannot exceed 2000 pounds (1000 lbs. per wheel on 200 Series Rail).



Check dimension "F"
for clearance to runway
and suspension.

325 Series Cranes

Model 3C-500-HP Hand Push Crane

500 lb. capacity

Crane design load = 1075 lbs.

(Live load 500 lbs. + 75 lbs. impact + 500 lbs. hoist & trolley)

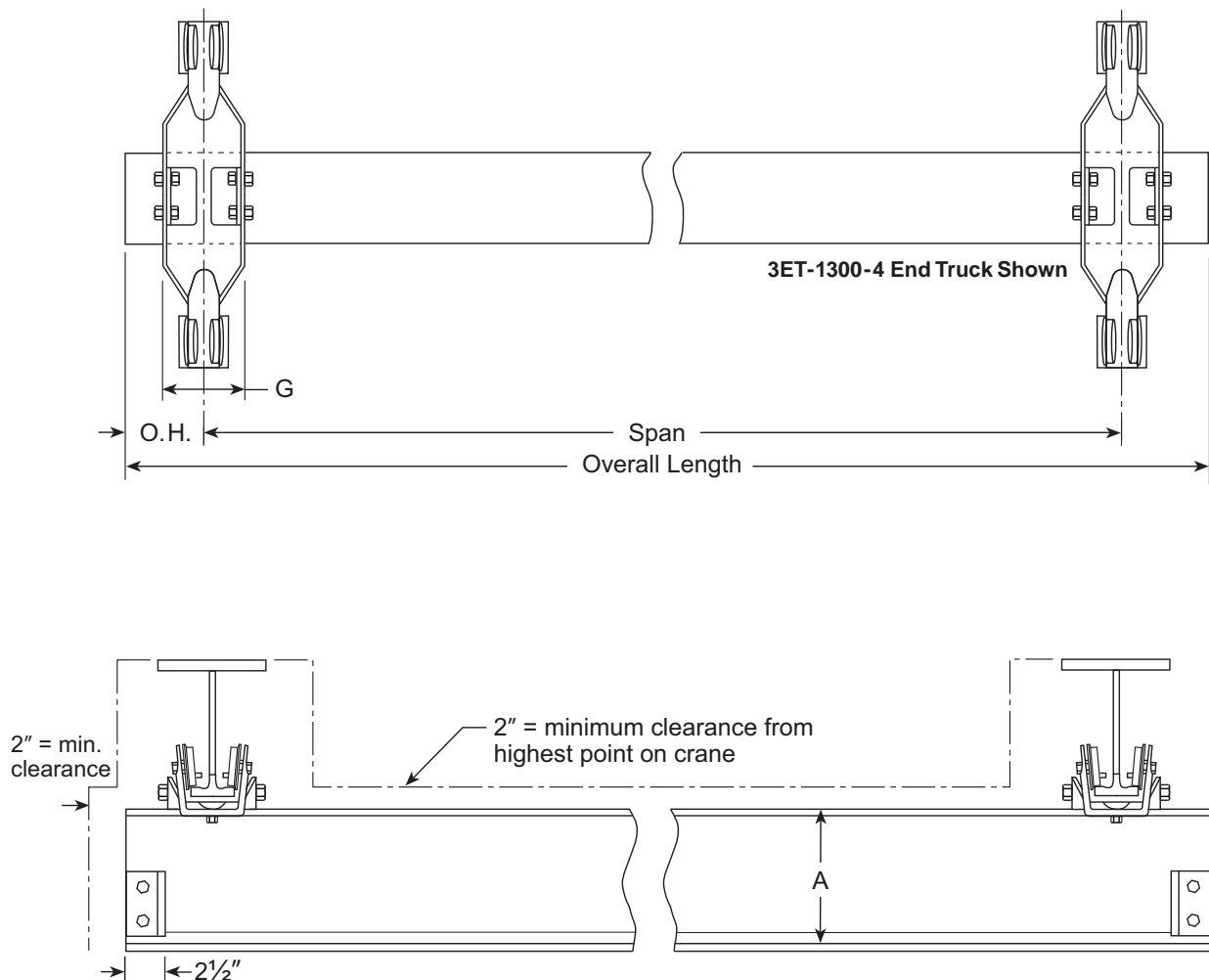
Crane Conductor Bars

- Bottom Contact conductor bars can mount on all cranes and all bridge beams
- Side Contact conductor bars require min. 3RL11-21 bridge beam (7½" gage, through 5" dia. hoist carrier trolley wheels)

Crane Interlocks ("L" Series Rail)

- Non-electrified cranes: Model 3I-615, mounted in 3RL8-18 bridge (For cranes w/bridges other than 3RL8-18, add for step cuts.)
- Electrified cranes with bottom contact conductor bar: Model 3I-615, mounted in 3RL8-18 bridge (For cranes w/bridges other than 3RL8-18, add for step cuts.)
- Electrified cranes with side contact conductor bar: Model 3I-430 Requires minimum 3RL13-27 (For cranes with larger bridge, add for step cuts.)

See "[Crane Interlocks](#)" on page F-99 for more information.





3C-500-HP Hand Push Crane

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.	
10	3ET-1300-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	4"	7 ³ / ₈ "	12"	296 lbs.
12	3ET-1300-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	4"	7 ³ / ₈ "	12"	332 lbs.
14	3ET-1300-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	4"	7 ³ / ₈ "	12"	368 lbs.
16	3ET-2600-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	4"	7 ³ / ₈ "	12"	466 lbs.
18	3ET-2600-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	4"	7 ³ / ₈ "	12"	502 lbs.
20	3ET-2600-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	4"	7 ³ / ₈ "	12"	538 lbs.
22	3ET-2600-4	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	4"	7 ³ / ₈ "	12"	646 lbs.
24	3ET-2600-4	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	4"	7 ³ / ₈ "	12"	688 lbs.
26	3ET-2600-4	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	4"	7 ³ / ₈ "	12"	730 lbs.
28	3ET-2600-4	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	4"	7 ³ / ₈ "	12"	772 lbs.
30	3ET-5400-4	3RL13-27	12 ¹ / ₂ "	12 ¹ / ₂ "	5"	7 ³ / ₈ "	12"	1152 lbs.
32	3ET-5400-4	3RL13-27	12 ¹ / ₂ "	12 ¹ / ₂ "	5"	7 ³ / ₈ "	12"	1206 lbs.

* For crane with side contact conductors, minimum bridge size is 3RL11-21. Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops). Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

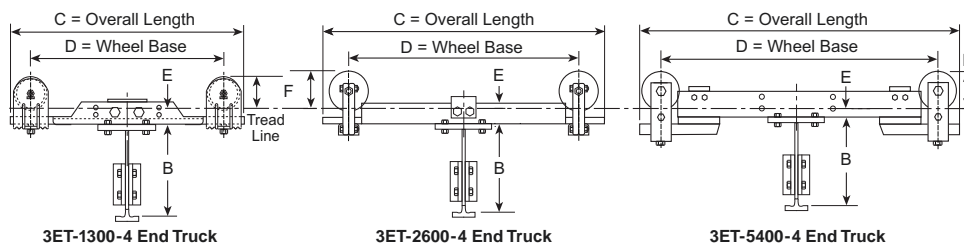
After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail. Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with 3I-615 or 3I-430 Interlocks = 12". Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

3C-500-HP End Truck Specifications*

Model Number	Dimensions					# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G			
3ET-1300-4	24 ¹ / ₄ "	20"	1 ¹ / ₂ "	3 ¹ / ₄ "	7 ¹ / ₄ "	2	1300 lbs.	34 lbs.
3ET-2600-4	40"	34"	1 ¹ / ₂ "	4 ³ / ₈ "	7 ¹ / ₁₆ "	2	2600 lbs.	65 lbs.
3ET-5400-4	45 ³ / ₄ "	39"	1 ¹ / ₂ "	5"	9 ¹ / ₄ "	2	5400 lbs.	138 lbs.

* For use on "L" Series rail only. See "325 Series Crane End Trucks" on page G-9 for more information

† Max. load per 2-wheel trolley cannot exceed 5500 pounds (2750 pound per wheel maximum on 325 "L" Series Rail).



Check dimension "F" for clearance to runway and suspension.

Model 3C-1000-HP Hand Push Crane

1000 lb. capacity

Crane design load = 1650 lbs.

(Live load 1000 lbs. + 150 lbs. impact + 500 lbs. hoist & trolley)

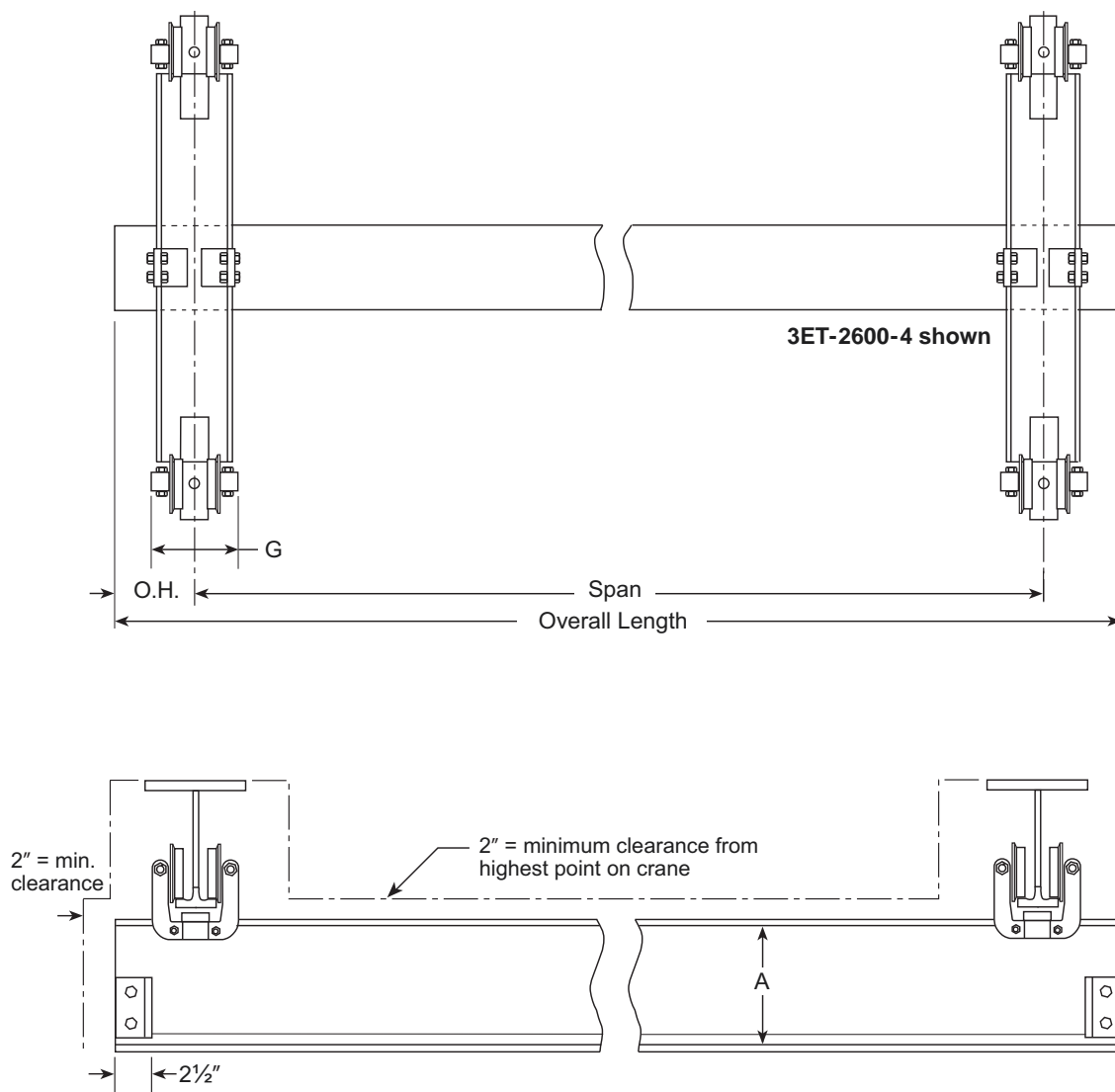
Crane Conductor Bars

- Bottom Contact conductor bars can mount on all cranes and all bridge beams
- Side Contact conductor bars require min. 3RL11-21 bridge beam (7½" gage, through 5" dia. hoist carrier trolley wheels)

Crane Interlocks "L" Series Rail

- Non-electrified cranes: Model 3I-615, mounted in 3RL8-18 bridge (For cranes w/bridges other than 3RL8-18, add for step cuts.)
- Electrified cranes with bottom contact conductor bar: Model 3I-615, mounted in 3RL8-18 bridge (For cranes w/bridges other than 3RL8-18, add for step cuts.)
- Electrified cranes with side contact conductor bar: Model 3I-430 Requires minimum 3RL13-27 (For cranes with larger bridge, add for step cuts.)

See "[Crane Interlocks](#)" on page F-99 for more information.





3C-1000-HP Hand Push Crane

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.	
10	3ET-2600-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	4"	7 ³ / ₈ "	12"	358 lbs.
12	3ET-2600-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	4"	7 ³ / ₈ "	12"	394 lbs.
14	3ET-2600-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	4"	7 ³ / ₈ "	12"	430 lbs.
16	3ET-2600-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	4"	7 ³ / ₈ "	12"	466 lbs.
18	3ET-2600-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	4"	7 ³ / ₈ "	12"	502 lbs.
20	3ET-2600-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	4"	7 ³ / ₈ "	12"	538 lbs.
22	3ET-2600-4	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	4"	7 ³ / ₈ "	12"	646 lbs.
24	3ET-2600-4	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	4"	7 ³ / ₈ "	12"	688 lbs.
26	3ET-2600-4	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	4"	7 ³ / ₈ "	12"	730 lbs.
28	3ET-2600-4	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	4"	7 ³ / ₈ "	12"	772 lbs.
30	3ET-5400-4	3RL13-27	12 ¹ / ₂ "	12 ¹ / ₂ "	5"	7 ³ / ₈ "	12"	1152 lbs.
32	3ET-5400-4	3RL13-27	12 ¹ / ₂ "	12 ¹ / ₂ "	5"	7 ³ / ₈ "	12"	1206 lbs.

* For crane with side contact conductors, minimum bridge size is 3RL11-21. Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops). Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

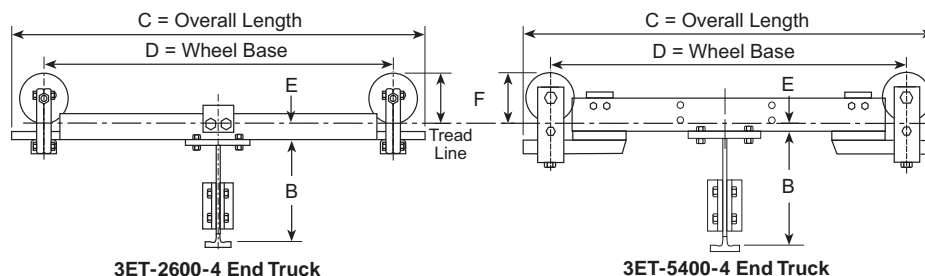
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with 3I-615 or 3I-430 Interlocks = 12". Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

3C-1000-HP End Truck Specifications*

Model Number	Dimensions					# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G			
3ET-2600-4	40"	34"	1 ¹ / ₂ "	4 ³ / ₈ "	7 ¹ / ₁₆ "	2	2600 lbs.	65 lbs.
3ET-5400-4	45 ³ / ₄ "	39"	1 ¹ / ₂ "	5"	9 ¹ / ₄ "	2	5400 lbs.	138 lbs.

* For use on "L" Series rail only. See "325 Series Crane End Trucks" on page G-9 for more information

† Max. load per 2-wheel trolley cannot exceed 5500 pounds (2750 pound per wheel maximum on 325 "L" Series Rail).



Check dimension "F" for clearance to runway and suspension.

Model 3C-2000-HP Hand Push Crane

2000 lb. capacity

Crane design load = 2900 lbs.

(Live load 2000 lbs. + 300 lbs. impact + 600 lbs. hoist & trolley)

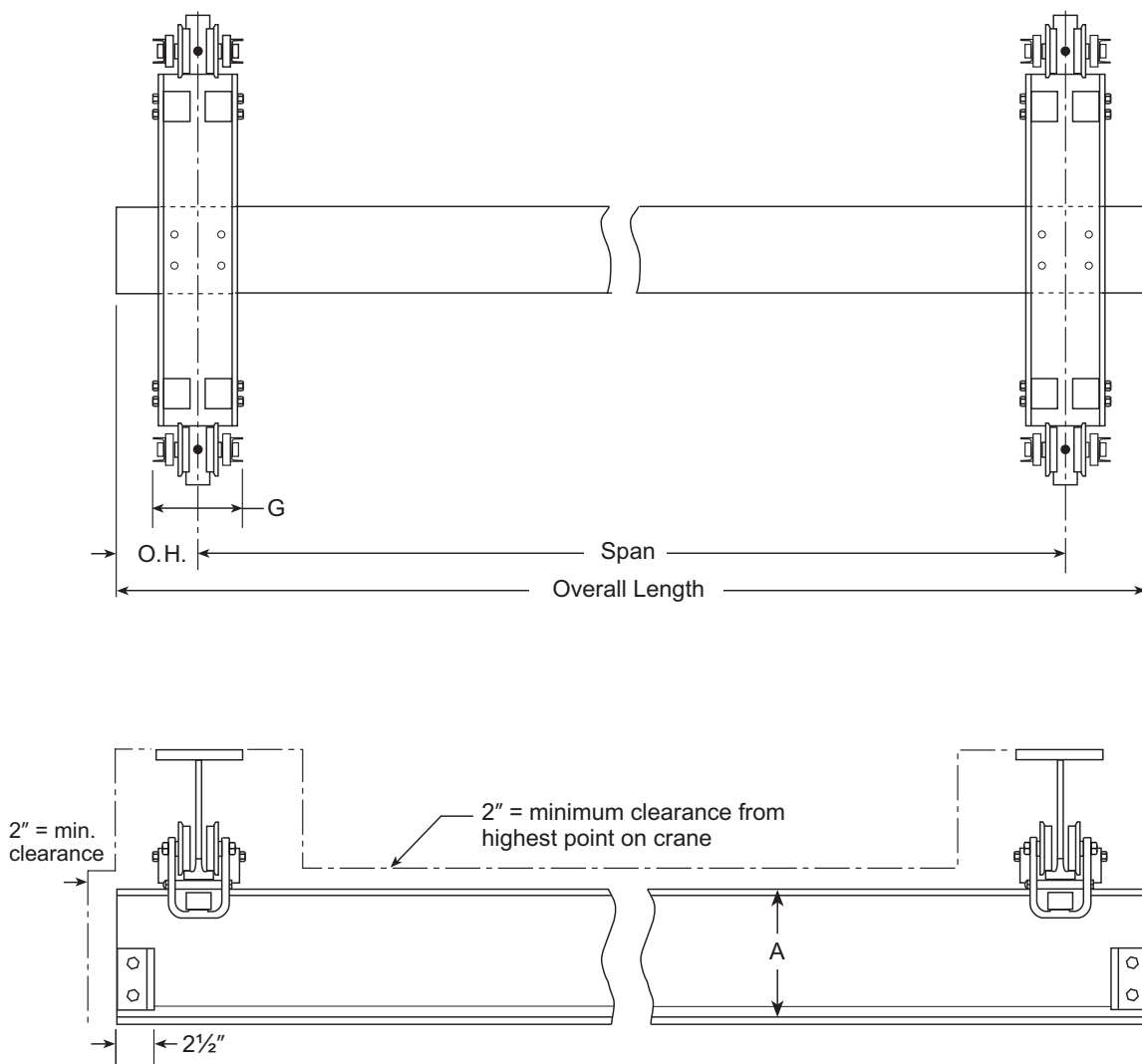
Crane Conductor Bars

- Bottom Contact conductor bars—can mount on all cranes and all bridge beams
- Side Contact conductor bars—require min. 3RL11-21 bridge beam (7½" gage, through 5" dia. hoist carrier trolley wheels)

Crane Interlocks "L" Series Rail

- Non-electrified cranes: Model 3I-615, mounted in 3RL8-18 bridge (For cranes w/bridges other than 3RL8-18, add for step cuts.)
- Electrified cranes with bottom contact conductor bar: Model 3I-615, mounted in 3RL8-18 bridge (For cranes w/bridges other than 3RL8-18, add for step cuts.)
- Electrified cranes with side contact conductor bar: Model 3I-430 Requires minimum 3RL13-27 (For cranes with larger bridge, add for step cuts.)

See "Crane Interlocks" on page F-99 for more information.





3C-2000-HP Hand Push Crane

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.	
10	3ET-5400-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	5"	7 ³ / ₈ "	12"	504 lbs.
12	3ET-5400-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	5"	7 ³ / ₈ "	12"	540 lbs.
14	3ET-5400-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	5"	7 ³ / ₈ "	12"	576 lbs.
16	3ET-5400-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	5"	7 ³ / ₈ "	12"	612 lbs.
18	3ET-5400-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	5"	7 ³ / ₈ "	12"	648 lbs.
20	3ET-5400-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	5"	7 ³ / ₈ "	12"	684 lbs.
22	3ET-5400-4	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	5"	7 ³ / ₈ "	12"	792 lbs.
24	3ET-5400-4	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	5"	7 ³ / ₈ "	12"	834 lbs.
26	3ET-5400-4	3RL11-24	10 ¹ / ₂ "	10 ¹ / ₂ "	5"	7 ³ / ₈ "	12"	960 lbs.
28	3ET-5400-4	3RL11-24	10 ¹ / ₂ "	10 ¹ / ₂ "	5"	7 ³ / ₈ "	12"	1008 lbs.
30	3ET-5400-4	3RL13-27	12 ¹ / ₂ "	12 ¹ / ₂ "	5"	7 ³ / ₈ "	12"	1152 lbs.
32	3ET-5400-4	3RL13-27	12 ¹ / ₂ "	12 ¹ / ₂ "	5"	7 ³ / ₈ "	12"	1206 lbs.

* For crane with side contact conductors, minimum bridge size is 3RL11-21. Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops). Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

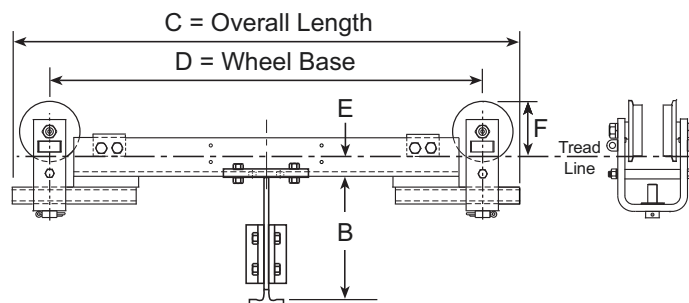
After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail. Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with 3I-615 or 3I-430 Interlocks = 12". Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

3C-2000-HP End Truck Specifications*

Model Number	Dimensions					# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G			
3ET-5400-4	45 ³ / ₄ "	39"	1 ¹ / ₂ "	5"	9 ¹ / ₄ "	2	5400 lbs.	138 lbs.

* For use on "L" Series rail only. See "325 Series Crane End Trucks" on page G-9 for more information

† Max. load per 2-wheel trolley cannot exceed 5500 pounds (2750 pound per wheel maximum on 325 "L" Series Rail).



3ET-5400-4 End Truck

Check dimension "F" for clearance to runway and suspension.

Model 3C-4000-HP Hand Push Crane

4000 lb. capacity

Crane design load = 5400bs.

(Live load 4000 lbs. + 600 lbs. impact + 800 lbs. hoist & trolley)

Crane Conductor Bars

- Bottom Contact conductor bars—can mount on all cranes and all bridge beams only if end trucks changed to 3ET-9000-4 with 6ft. wheelbase.
- Side Contact conductor bars—require min. 3RL11-21 bridge beam (7½" gage, through 5" dia. hoist carrier trolley wheels).

See "Crane Interlocks" on page F-99 for more information.

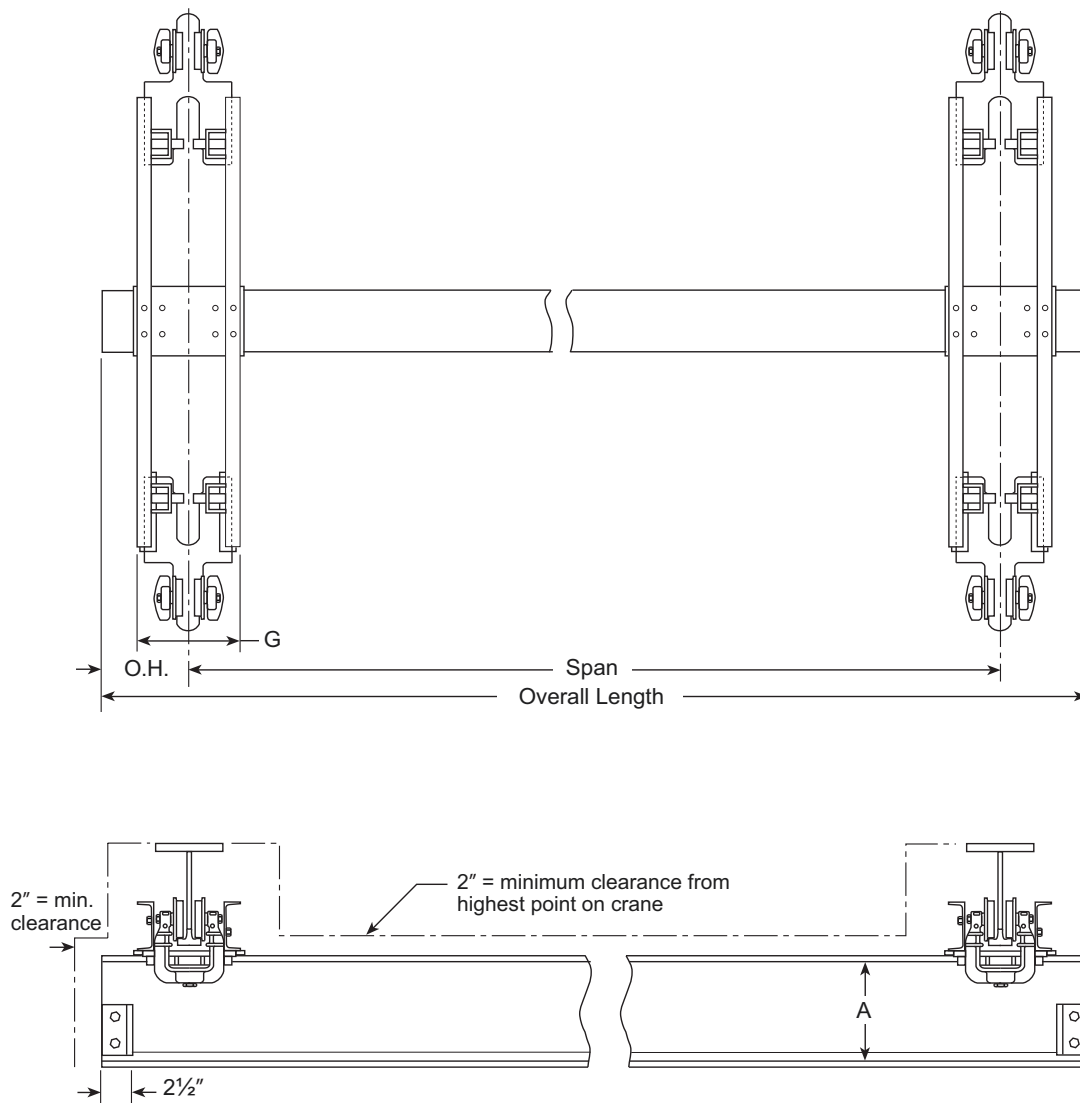
Crane Interlocks

"L" Series Rail

- Non-electrified cranes: Model 3I-615, mounted in 3RL8-18 bridge (For cranes with bridges other than 3RL8-18, add for step cuts.)
- Electrified cranes with bottom contact conductor bar: Model 3I-615, mounted in 3RL8-18 bridge. (For cranes w/bridges other than 3RL8-18, add for step cuts.)
- Electrified cranes with side contact conductor bar: Model 3I-430 Requires minimum 3RL13-27.

"H" Series Rail

- Electrified or Non-electrified cranes: Model 3I-9A Interlock Requires minimum 3RH14-41.





3C-4000-HP Hand Push Crane

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		Estimated Crane Wt.
		Model No.	A	B	O.H. (min)	B	O.H.	
10	3ET-9000-4X	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	8"	7 ³ / ₈ "	15"	728 lbs.
12	3ET-9000-4X	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	8"	7 ³ / ₈ "	15"	764 lbs.
14	3ET-9000-4X	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	8"	7 ³ / ₈ "	15"	800 lbs.
16	3ET-9000-4X	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	8"	7 ³ / ₈ "	15"	890 lbs.
18	3ET-9000-4X	3RL11-24	10 ¹ / ₂ "	10 ¹ / ₂ "	8"	7 ³ / ₈ "	15"	992 lbs.
20	3ET-9000-4X	3RL11-24	10 ¹ / ₂ "	10 ¹ / ₂ "	8"	7 ³ / ₈ "	15"	1040 lbs.
22	3ET-9000-4X	3RL11-24	10 ¹ / ₂ "	10 ¹ / ₂ "	8"	7 ³ / ₈ "	15"	1088 lbs.
24	3ET-9000-4X	3RL13-27	12 ¹ / ₂ "	12 ¹ / ₂ "	8"	7 ³ / ₈ "	15"	1214 lbs.
26	3ET-9000-4X	3RL13-27	12 ¹ / ₂ "	12 ¹ / ₂ "	8"	7 ³ / ₈ "	15"	1268 lbs.
28	3ET-9000-4X	3RL14-35	13 ¹ / ₂ "	13 ¹ / ₂ "	8"	7 ³ / ₈ "	15"	1562 lbs.
30	3ET-9000-4X	3RH14-41	13 ⁵ / ₈ "	13 ⁵ / ₈ "	8"	13 ⁵ / ₈ "	14"	1824 lbs.
32	3ET-9000-4X	3RH14-41	13 ⁵ / ₈ "	13 ⁵ / ₈ "	8"	13 ⁵ / ₈ "	14"	1906 lbs.

* For crane with side contact conductors, minimum bridge size is 3RL11-21. Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops). Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

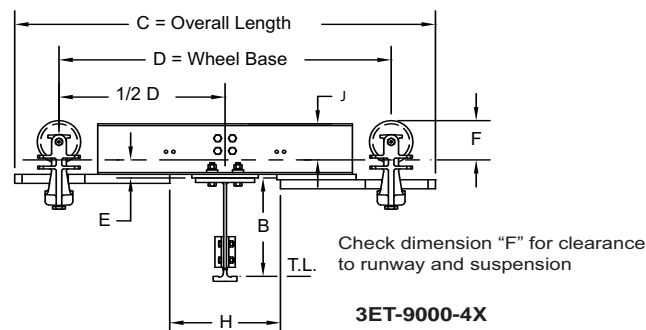
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 15" with 3I-615 or 3I-430 Interlocks in "L" Series rail, or 14" with 3I-9A interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

3C-4000-HP End Truck Specifications*

Model Number	Dimensions							# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G	H	J			
3ET-9000-4X	57"	45"	2 ¹ / ₂ "	57/16"	15 ¹ / ₄ "	15"	5"	2	9000 lbs.	250 lbs.

* For use on "L" Series rail only. See "325 Series Crane End Trucks" on page G-9 for more information

† Maximum load on 2-wheel trolley on 325 "L" Series Rail cannot exceed 5500 pounds (2750 pounds per wheel). Maximum load on 2-wheel trolley on 325 "H" Series Rail cannot exceed 10000 pounds (5000 pounds per wheel). Contact use Bottom bridge electrification with 3ET-9000-4Z; substitute 3ET-9000-4 (6ft. wheelbase).





Model 3C-6000-HP Hand Push Crane

6000 lb. capacity

Crane design load = 8400 lbs.

(Live load 6000 lbs. + 900 lbs. impact + 1500 lbs. hoist & trolley)

Crane Conductor Bars

- Bottom Contact conductor bars can mount on all cranes and all bridge beams only if end trucks have 6ft. wheelbase.
- Side Contact conductor bars require min. 3RL11-21 bridge beam (7½" gage, through 5" dia. hoist carrier trolley wheels)

See "Crane Interlocks" on page F-99 for more information.

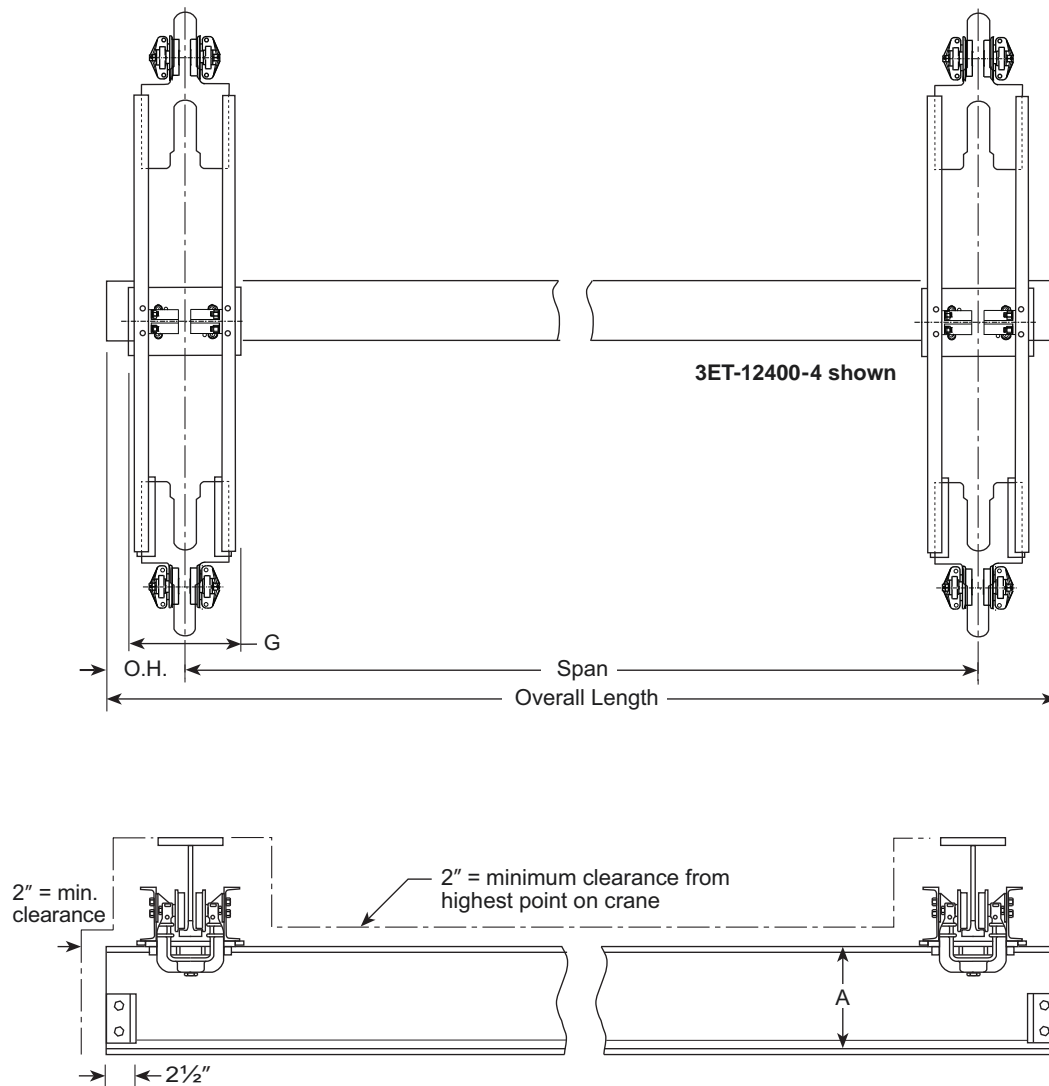
Crane Interlocks

"L" Series Rail

- Non-electrified cranes: Model 3I-615, mounted in 3RL8-18 bridge (For cranes with bridges other than 3RL8-18, add for step cuts.)
- Electrified cranes with bottom contact conductor bar: Model 3I-615, mounted in 3RL8-18 bridge (For cranes w/bridges other than 3RL8-18, add for step cuts.)
- Electrified cranes with side contact conductor bar: Model 3I-430 Requires minimum 3RL13-27 (For cranes with 3RL14-35, add for step cuts.)

"H" Series Rail

- Electrified or Non-electrified cranes: 3I-9A Standard - requires 3RH14-41 bridge rail (for larger rail , add for step cut) 3I-9B Optional - requires 3RH16-47 bridge rail (for larger rail , add for step cut)





3C-6000-HP Hand Push Crane

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking			Interlocking		Estimated Crane Wt.
		Model No.	A	B	O.H. (min)		B	O.H.	
10	3ET-9000-4X	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	8"		7 ³ / ₈ "	15"	728 lbs.
12	3ET-9000-4X	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	8"		7 ³ / ₈ "	15"	806 lbs.
14	3ET-9000-4X	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	8"		7 ³ / ₈ "	15"	848 lbs.
16	3ET-9000-4X	3RL11-24	10 ¹ / ₂ "	10 ¹ / ₂ "	8"		7 ³ / ₈ "	15"	944 lbs.
18	3ET-9000-4X	3RL11-24	10 ¹ / ₂ "	10 ¹ / ₂ "	8"		7 ³ / ₈ "	15"	992 lbs.
20	3ET-12400-4	3RL13-27	12 ¹ / ₂ "	12 ¹ / ₂ "	8"		7 ³ / ₈ "	15"	1262 lbs.
22	3ET-12400-4	3RL14-35	13 ¹ / ₂ "	13 ¹ / ₂ "	8"		7 ³ / ₈ "	15"	1508 lbs.
24	3ET-12400-4	3RL14-35	13 ¹ / ₂ "	13 ¹ / ₂ "	8"		7 ³ / ₈ "	15"	1578 lbs.
26	3ET-12400-4	3RH14-41	13 ⁵ / ₈ "	13 ⁵ / ₈ "	8"		13 ⁵ / ₈ "	14"	1816 lbs.
28	3ET-12400-4	3RH14-41	13 ⁵ / ₈ "	13 ⁵ / ₈ "	8"		13 ⁵ / ₈ "	14"	1898 lbs.
30	3ET-12400-4	3RH16-47	15 ⁵ / ₁₆ "	15 ⁵ / ₁₆ "	8"		13 ⁵ / ₈ "	14"	2172 lbs.
32	3ET-12400-4	3RH16-47	15 ⁵ / ₁₆ "	15 ⁵ / ₁₆ "	8"		13 ⁵ / ₈ "	14"	2266 lbs.

* For crane with side contact conductors, minimum bridge size is 3RL11-21. Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops). Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

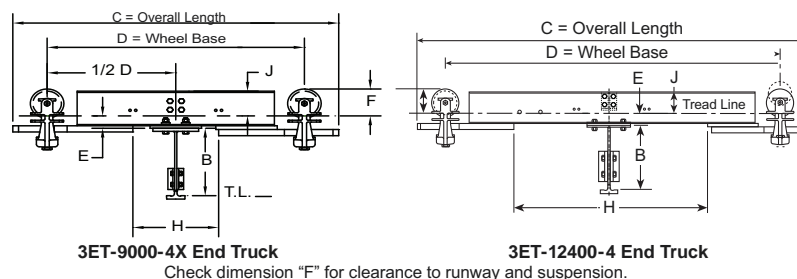
After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail. Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 15" with 3I-615 or 3I-430 Interlocks in "L" Series rail, or 14" with 3I-9A interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

End Truck Specifications*

Model Number	Dimensions							# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G	H	J			
3ET-9000-4X	57"	45"	2 ¹ / ₂ "	57/16"	15 ¹ / ₄ "	15"	5"	2	9000 lbs.	250 lbs.
3ET-12400-4	84"	72"	2 ¹ / ₂ "	57/16"	15 ¹ / ₂ "	42"	6"	2	12,400 lbs.	328 lbs.

* For use on "L" Series rail only. See "325 Series Crane End Trucks" on page G-9 for more information

† Maximum load on 2-wheel trolley on 325 "L" Series Rail cannot exceed 5500 pounds (2750 pounds per wheel).
Maximum load on 2-wheel trolley on 325 "H" Series Rail cannot exceed 10000 pounds (5000 pounds per wheel).



Check dimension "F" for clearance to runway and suspension.

Model 3C-6000-HC Hand Chain Crane

6000 lb. capacity

Crane design load = 8400 lbs.

(Live load 6000 lbs. + 900 lbs. impact + 1500 lbs. hoist & trolley)

Crane Conductor Bars

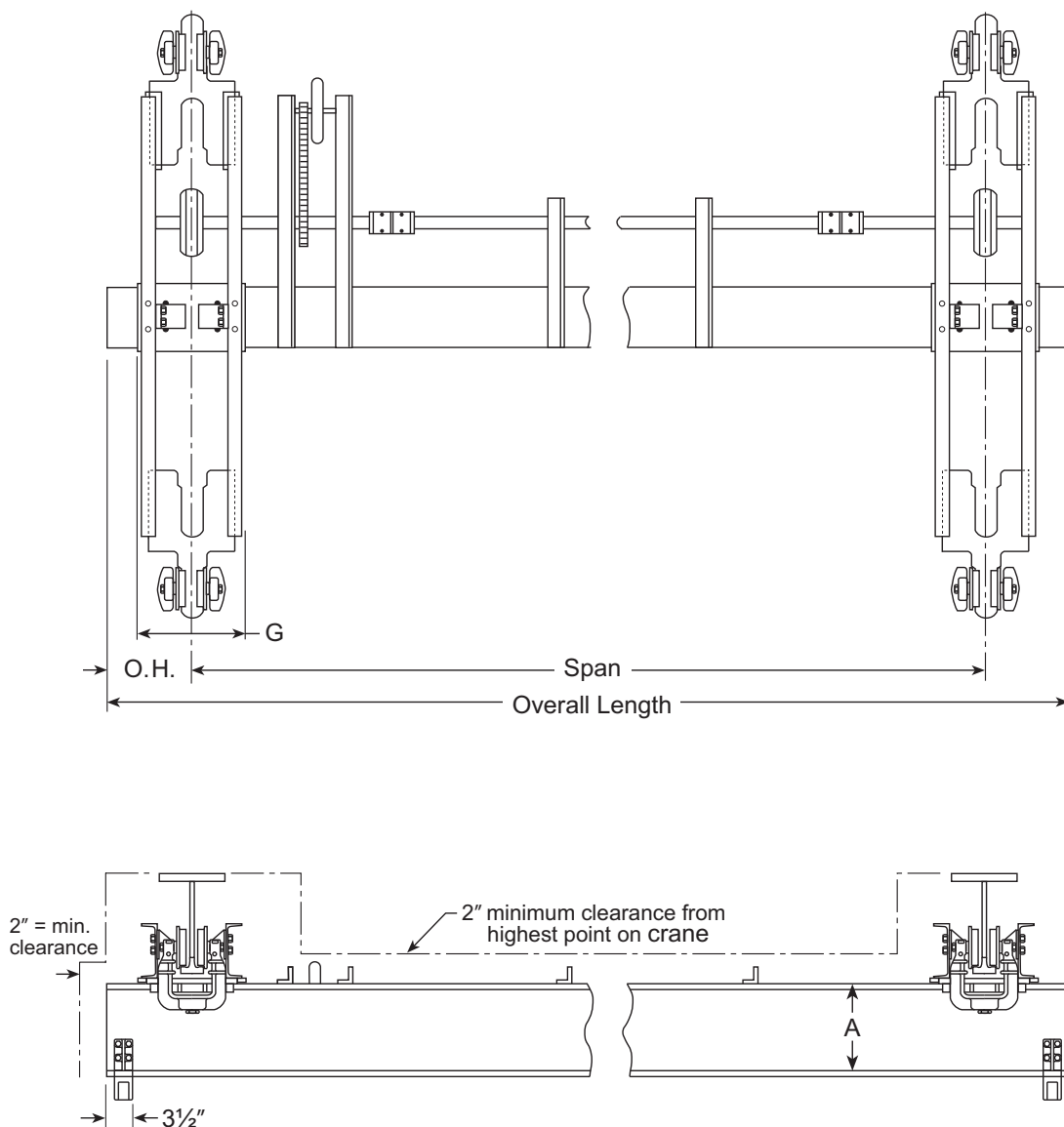
- Bottom Contact conductor bars can mount on all cranes and all bridge beams
- Side Contact conductor bars
7½" gauge, through 5" dia. hoist carrier trolley wheels
9" gauge for 6½" dia. wheels

Crane Interlocks

For Electrified or Non-electrified cranes

- 3I-9A Standard requires 3RH14-41 Bridge Rail
(For larger rail, add for step cut.)
- 3I-9B Optional requires 3RH16-47 Bridge Rail
(For larger rail, add for step cut.)

See "[Crane Interlocks](#)" on page F-99 for more information.





3C-6000-HC Hand Chain Crane

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		Estimated Crane Weight
		Model No.	A	B	O.H.(min.)	B	O.H.	
10	3ET-12400-4	3RH13-36*	12½"	12½"	8"	13⅝"	14"	1392 lbs.
12	3ET-12400-4	3RH13-36*	12½"	12½"	8"	13⅝"	14"	1480 lbs.
14	3ET-12400-4	3RH13-36*	12½"	12½"	8"	13⅝"	14"	1568 lbs.
16	3ET-12400-4	3RH13-36*	12½"	12½"	8"	13⅝"	14"	1656 lbs.
18	3ET-12400-4	3RH13-36*	12½"	12½"	8"	13⅝"	14"	1744 lbs.
20	3ET-12400-4	3RH13-36*	12½"	12½"	8"	13⅝"	14"	1832 lbs.
22	3ET-12400-4	3RH13-36*	12½"	12½"	8"	13⅝"	14"	1920 lbs.
24	3ET-12400-4	3RH13-36*	12½"	12½"	8"	13⅝"	14"	2008 lbs.
26	3ET-12400-4	3RH14-41	13⅝"	13⅝"	8"	13⅝"	14"	2236 lbs.
28	3ET-12400-4	3RH14-41	13⅝"	13⅝"	8"	13⅝"	14"	2334 lbs.
30	3ET-12400-4	3RH16-47	15⅝"	15⅝"	8"	13⅝"	14"	2624 lbs.
32	3ET-12400-4	3RH16-47	15⅝"	15⅝"	8"	13⅝"	14"	2734 lbs.
34	3ET-12400-4	3RH16-47	15⅝"	15⅝"	8"	13⅝"	14"	2844 lbs.
36	3ET-12400-4	3RH18-52	17⅝"	17⅝"	8"	13⅝"	14"	3144 lbs.
38	3ET-12400-4	3RH18-52	17⅝"	17⅝"	8"	13⅝"	14"	3264 lbs.
40	3ET-12400-4	3RH20-67	19⅝"	19⅝"	8"	13⅝"	14"	4014 lbs.
42	3ET-12400-4	3RH20-67	19⅝"	19⅝"	8"	13⅝"	14"	4164 lbs.
44	3ET-12400-4	3RH20-67	19⅝"	19⅝"	8"	13⅝"	14"	4314 lbs.
46	3ET-12400-4	3RH22-74	21⅝"	21⅝"	8"	13⅝"	14"	4800 lbs.
48	3ET-12400-4	3RH22-74	21⅝"	21⅝"	8"	13⅝"	14"	4964 lbs.
50	3ET-12400-4	3RH22-74	21⅝"	21⅝"	8"	13⅝"	14"	5128 lbs.
52	3ET-12400-4	3RH24-84	23⅝"	23⅝"	8"	13⅝"	14"	5832 lbs.
54	3ET-12400-4	3RH24-84	23⅝"	23⅝"	8"	13⅝"	14"	6016 lbs.
56	3ET-12400-4	3RH24-84	23⅝"	23⅝"	8"	13⅝"	14"	6200 lbs.
58	3ET-12400-4	3RH24-84	23⅝"	23⅝"	8"	13⅝"	14"	6384 lbs.
60	3ET-12400-4	3RH26-90	25⅝"	25⅝"	8"	13⅝"	14"	6940 lbs.

* Replace 3RH13-36 with 3RH14-41 if adding interlock. Step cut larger rails to 14" or 16". Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops). Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

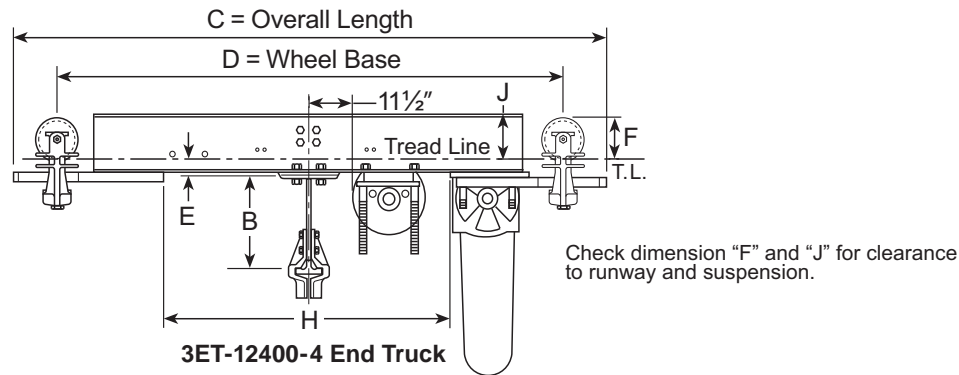
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 14" with 3I-9A interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

3C-6000-HC End Truck Specifications*

Model Number	Dimensions							# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G	H	J			
3ET-12400-4	84"	72"	2½"	57/16"	15½"	42"	5"	2	12,400 lbs.	328 lbs.

* See "325 Series Crane End Trucks" on page G-9 for more information.

† Maximum load on 2-wheel trolley on 325 "L" Series Rail cannot exceed 5500 pounds (2750 pounds per wheel).
Maximum load on 2-wheel trolley on 325 "H" Series Rail cannot exceed 10000 pounds (5000 pounds per wheel)



Model 3C-10000-HC Hand Chain Crane

10000 lb. capacity

Crane design load = 14,000 lbs.

(Live load 10000 lbs.+1500 lbs. impact+2500 lbs. hoist & trolley)

Crane Conductor Bars

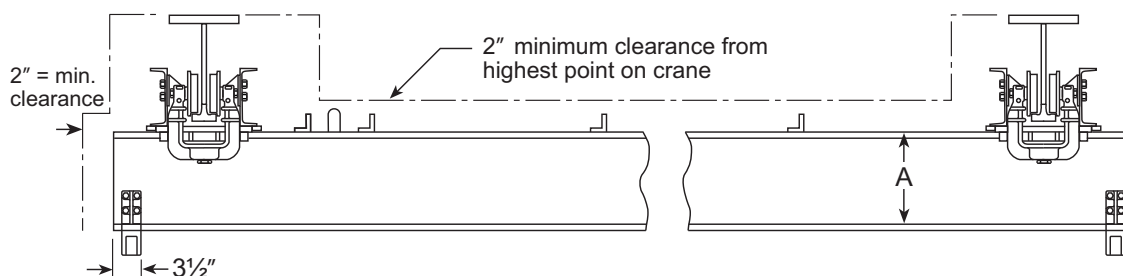
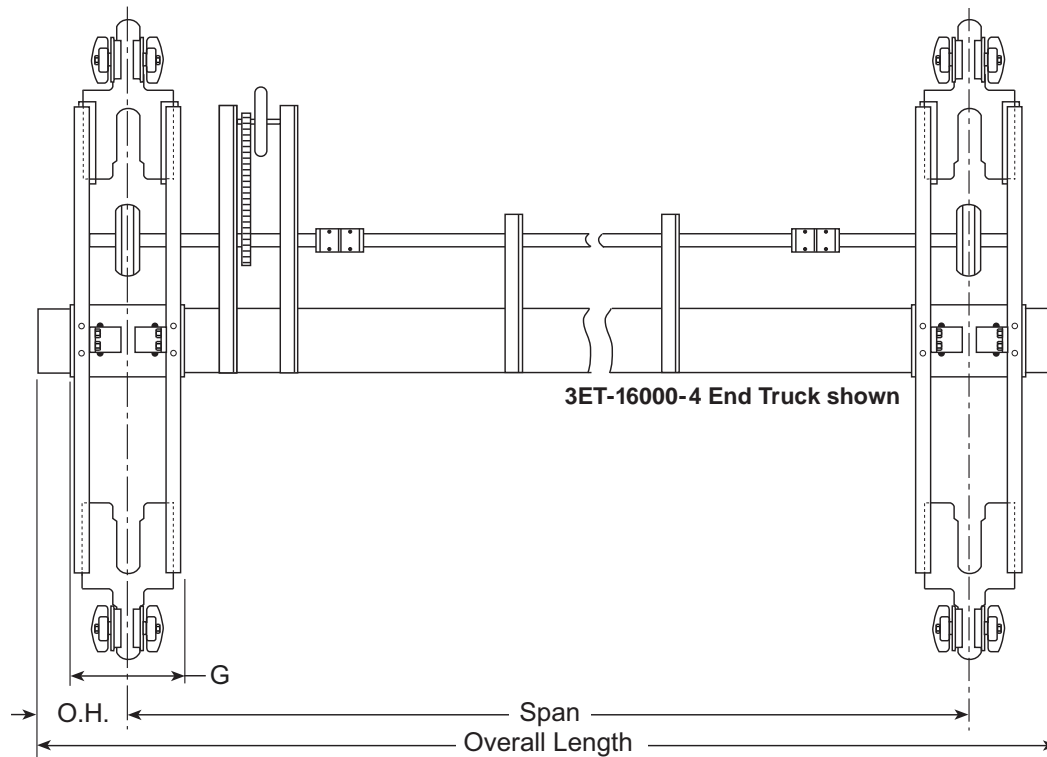
- Bottom Contact conductor bars—can mount on all cranes and all bridge beams
- Side Contact conductor bars
7½" gauge, through 5" dia. hoist carrier trolley wheels
9" gauge for 6½" dia. wheels

Crane Interlocks

For Electrified or Non-electrified cranes

- 3I-9A Standard requires 3RH14-41 Bridge Rail
(For larger rail, add for step cut.)
- 3I-9B Optional requires 3RH16-47 Bridge Rail
(For larger rail, add for step cut.)

See "Crane Interlocks" on page F-99 for more information.





3C-10000-HC Hand Chain Crane

Span(f eet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		Estimated Crane Weight
		Model No.	A	B	O.H.(min.)	B	O.H.	
10	3ET-16000-4	3RH13-36*	12½"	12½"	9"	13⅝"	14"	1522 lbs.
12	3ET-16000-4	3RH13-36*	12½"	12½"	9"	13⅝"	14"	1610 lbs.
14	3ET-16000-4	3RH13-36*	12½"	12½"	9"	13⅝"	14"	1698 lbs.
16	3ET-16000-4	3RH13-36*	12½"	12½"	9"	13⅝"	14"	1786 lbs.
18	3ET-16000-4	3RH13-36*	12½"	12½"	9"	13⅝"	14"	1874 lbs.
20	3ET-16000-4	3RH14-41	13⅝"	13⅝"	9"	13⅝"	14"	2072 lbs.
22	3ET-16000-4	3RH14-41	13⅝"	13⅝"	9"	13⅝"	14"	2170 lbs.
24	3ET-16000-4	3RH16-47	15⅝"	15⅝"	9"	13⅝"	14"	2424 lbs.
26	3ET-16000-4	3RH16-47	15⅝"	15⅝"	9"	13⅝"	14"	2534 lbs.
28	3ET-16000-4	3RH18-52	17⅝"	17⅝"	9"	13⅝"	14"	2794 lbs.
30	3ET-16000-4	3RH18-52	17⅝"	17⅝"	9"	13⅝"	14"	2914 lbs.
32	3ET-24800-8	3RH20-67	19⅝"	19⅝"	10"	13⅝"	18"	3998 lbs.
34	3ET-24800-8	3RH20-67	19⅝"	19⅝"	10"	13⅝"	18"	4148 lbs.
36	3ET-24800-8	3RH20-67	19⅝"	19⅝"	10"	13⅝"	18"	4298 lbs.
38	3ET-24800-8	3RH22-74	21⅝"	21⅝"	10"	13⅝"	18"	4728 lbs.
40	3ET-24800-8	3RH22-74	21⅝"	21⅝"	10"	13⅝"	18"	4892 lbs.
42	3ET-24800-8	3RH24-84	23⅝"	23⅝"	10"	13⅝"	18"	5496 lbs.
44	3ET-24800-8	3RH24-84	23⅝"	23⅝"	10"	13⅝"	18"	5680 lbs.
46	3ET-24800-8	3RH24-84	23⅝"	23⅝"	10"	13⅝"	18"	5864 lbs.
48	3ET-24800-8	3RH24-84	23⅝"	23⅝"	10"	13⅝"	18"	6048 lbs.
50	3ET-24800-8	3RH26-90	25⅝"	25⅝"	10"	13⅝"	18"	6544 lbs.
52	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	7820 lbs.
54	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	8056 lbs.
56	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	8292 lbs.
58	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	8528 lbs.
60	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	8764 lbs.

* Replace 3RH13-36 with 3RH14-41 if adding interlock. Step cut larger rails to 14" or 16". Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops). Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

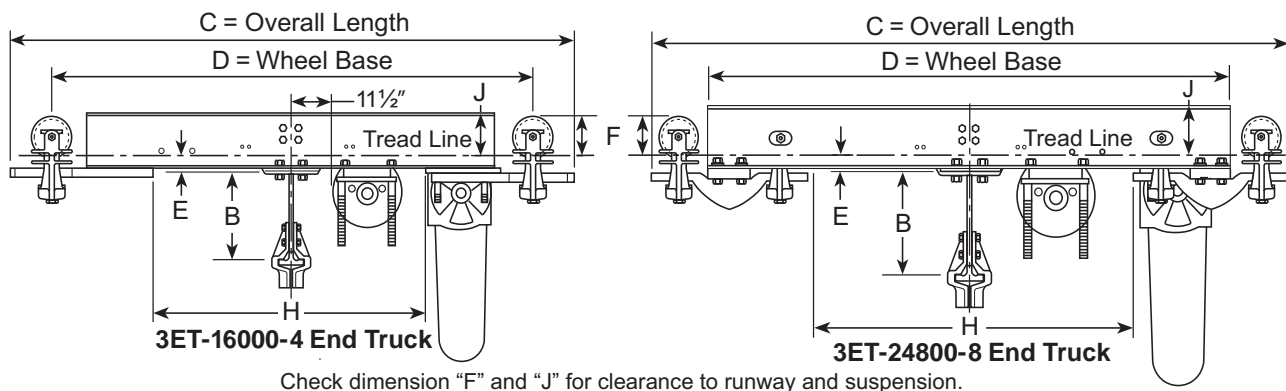
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 14" with 3I-9A interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

3C-10000-HC End Truck Specifications*

Model Number	Dimensions							# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G	H	J			
3ET-16000-4	84"	72"	12½"	7 1/16"	15½"	42"	7"	2	16,000 lbs.	393 lbs.
3ET-24800-8	95"	72"	12½"	5 7/16"	18¼"	49"	7"	4	24,800 lbs.	620 lbs.

* See "325 Series Crane End Trucks" on page G-9 for more information.

† Maximum load on 2-wheel trolley on 325 "L" Series Rail cannot exceed 5500 pounds (2750 pounds per wheel).
Maximum load on 2-wheel trolley on 325 "H" Series Rail cannot exceed 10000 pounds (5000 pounds per wheel)





Model 3C-15000-HC Hand Chain Crane

15000 lb. capacity

Crane design load = 20,250 lbs.

(Live load 15000 lbs.+2250 lbs. impact+3000 lbs. hoist & trolley)

Crane Conductor Bars

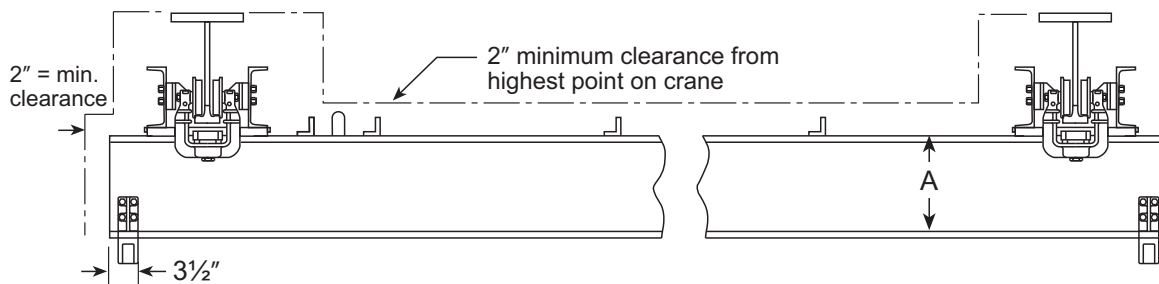
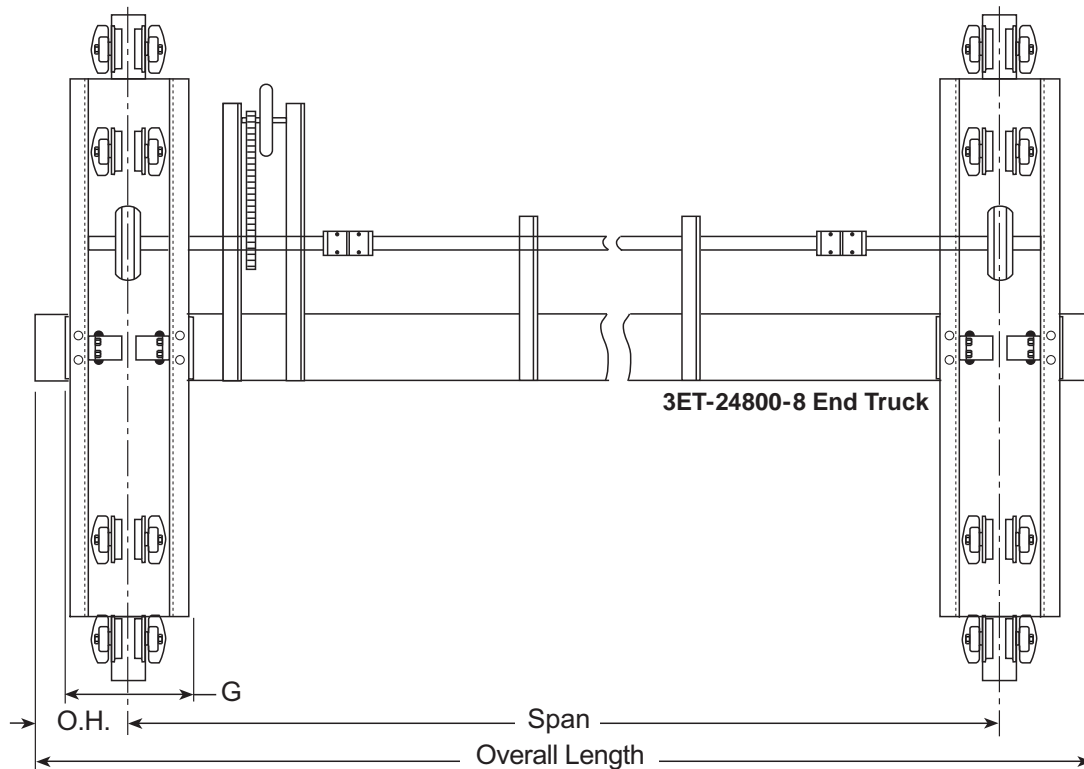
- Bottom Contact conductor bars can mount on all cranes and all bridge beams
- Side Contact conductor bars
7½" gauge, through 5" dia. hoist carrier trolley wheels
9" gauge for 6½" dia. wheels

Crane Interlocks

For Electrified or Non-electrified cranes

- 3I-9A Standard requires 3RH14-41 Bridge Rail
(For larger rail, add for step cut.)
- 3I-9B Optional requires 3RH16-47 Bridge Rail
(For larger rail, add for step cut.)

See "Crane Interlocks" on page F-99 for more information.





3C-15000-HC Hand Chain Crane

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		Estimated Crane Weight
		Model No.	A	B	O.H.(min.)	B	O.H.	
10	3ET-24800-8	3RH13-36*	12½"	12½"	10"	13⅝"	18"	1976 lbs.
12	3ET-24800-8	3RH13-36*	12½"	12½"	10"	13⅝"	18"	2064 lbs.
14	3ET-24800-8	3RH13-36*	12½"	12½"	10"	13⅝"	18"	2152 lbs.
16	3ET-24800-8	3RH14-41	13⅝"	13⅝"	10"	13⅝"	18"	2330 lbs.
18	3ET-24800-8	3RH18-52	17⅝"	17⅝"	10"	13⅝"	18"	2648 lbs.
20	3ET-24800-8	3RH18-52	17⅝"	17⅝"	10"	13⅝"	18"	2768 lbs.
22	3ET-24800-8	3RH18-52	17⅝"	17⅝"	10"	13⅝"	18"	2888 lbs.
24	3ET-24800-8	3RH18-52	17⅝"	17⅝"	10"	13⅝"	18"	3008 lbs.
26	3ET-24800-8	3RH20-67	17⅝"	17⅝"	10"	13⅝"	18"	3548 lbs.
28	3ET-24800-8	3RH20-67	17⅝"	17⅝"	10"	13⅝"	18"	3698 lbs.
30	3ET-24800-8	3RH20-67	19⅝"	19⅝"	10"	13⅝"	18"	3848 lbs.
32	3ET-24800-8	3RH22-74	21⅝"	21⅝"	10"	13⅝"	18"	4236 lbs.
34	3ET-24800-8	3RH22-74	21⅝"	21⅝"	10"	13⅝"	18"	4400 lbs.
36	3ET-24800-8	3RH24-84	23⅝"	23⅝"	10"	13⅝"	18"	4944 lbs.
38	3ET-24800-8	3RH24-84	23⅝"	23⅝"	10"	13⅝"	18"	5128 lbs.
40	3ET-24800-8	3RH24-84	23⅝"	23⅝"	10"	13⅝"	18"	5312 lbs.
42	3ET-24800-8	3RH26-90	25⅝"	25⅝"	10"	13⅝"	18"	5760 lbs.
44	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	6876 lbs.
46	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	7112 lbs.
48	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	7348 lbs.
50	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	7584 lbs.
52	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	7820 lbs.
54	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	8056 lbs.
56	3ET-28000-8	3RH32-120	31⅝"	31⅝"	10"	13⅝"	18"	8872 lbs.
58	3ET-28000-8	3RH32-120	31⅝"	31⅝"	10"	13⅝"	18"	9128 lbs.
60	3ET-28000-8	3RH34-130	33⅝"	33⅝"	10"	13⅝"	18"	10,004 lbs.

* Replace 3RH13-36 with 3RH14-41 if adding interlock. Step cut larger rails to 14" or 16". Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops). Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

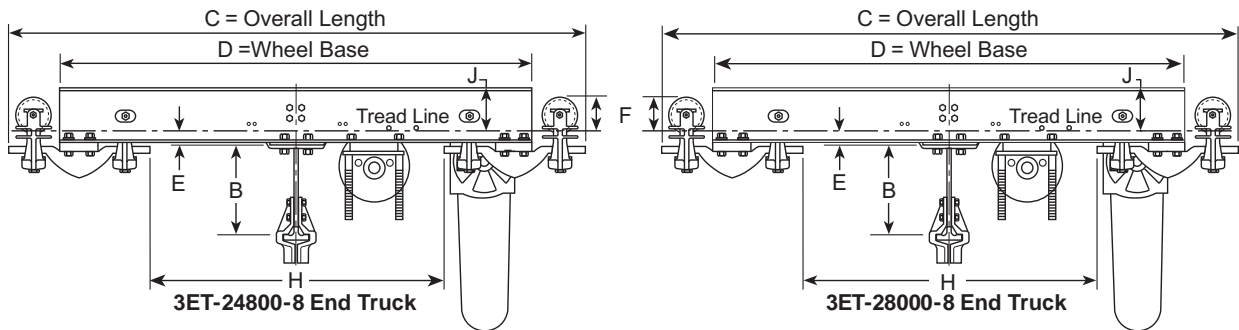
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 14" with 3I-9A interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

3C-15000-HC End Truck Specifications*

Model Number	Dimensions							# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G	H	J			
3ET-24800-8	95"	72"	2½"	57/16"	18¼"	49"	7"	4	24,800 lbs.	620 lbs.
3ET-28000-8	95"	72"	2½"	71/16"	18½"	48"	8"	4	28,000 lbs.	713 lbs.

* See "325 Series Crane End Trucks" on page G-9 for more information.

† Maximum load on 2-wheel trolley on 325 "L" Series Rail cannot exceed 5500 pounds (2750 pounds per wheel).
Maximum load on 2-wheel trolley on 325 "H" Series Rail cannot exceed 10000 pounds (5000 pounds per wheel)



Check dimension "F" and "J" for clearance to runway and suspension.

Model 3C-20000-HC Hand Chain Crane

20000 lb. capacity

Crane design load = 27,050 lbs.

(Live load 20000 lbs.+3050 lbs. impact+4000 lbs. hoist & trolley)

Crane Conductor Bars

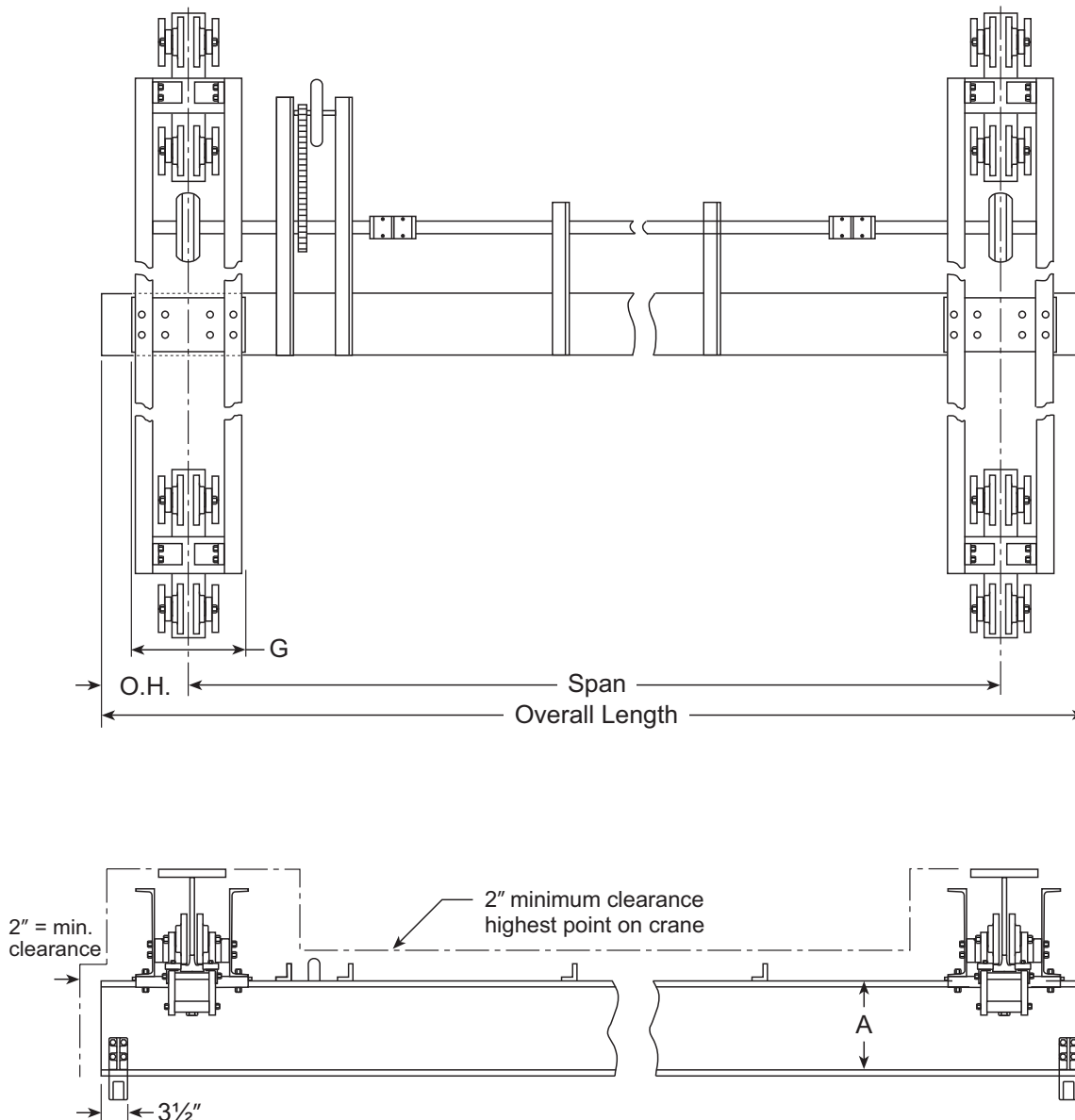
- Bottom Contact conductor bars can mount on all cranes and all bridge beams
- Side Contact conductor bars
7½" gauge, through 5" dia. hoist carrier trolley wheels
9" gauge for 6½" dia. wheels

Crane Interlocks

For Electrified or Non-electrified cranes

- 3I-9A Standard requires 3RH14-41 Bridge Rail
(For larger rail, add for step cut.)
- 3I-9B Optional requires 3RH16-47 Bridge Rail
(For larger rail, add for step cut.)

See "Crane Interlocks" on page F-99 for more information.





3C-20000-HC Hand Chain Crane

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		Estimated Crane Weight
		Model No.	A	B	O.H.(min.)	B	O.H.	
10	3ET-38000-8SRL	3RH13-36*	12½"	12½"	11"	13⅝"	18"	3244 lbs.
12	3ET-38000-8SRL	3RH14-41	13⅝"	13⅝"	11"	13⅝"	18"	3402 lbs.
14	3ET-38000-8SRL	3RH18-52	17⅝"	17⅝"	11"	13⅝"	18"	3676 lbs.
16	3ET-38000-8SRL	3RH18-52	17⅝"	17⅝"	11"	13⅝"	18"	3796 lbs.
18	3ET-38000-8SRL	3RH18-52	17⅝"	17⅝"	11"	13⅝"	18"	3916 lbs.
20	3ET-38000-8SRL	3RH20-67	19⅝"	19⅝"	11"	13⅝"	18"	4366 lbs.
22	3ET-38000-8SRL	3RH20-67	19⅝"	19⅝"	11"	13⅝"	18"	4516 lbs.
24	3ET-38000-8SRL	3RH20-67	19⅝"	19⅝"	11"	13⅝"	18"	4666 lbs.
26	3ET-38000-8SRL	3RH22-74	21⅝"	21⅝"	11"	13⅝"	18"	5012 lbs.
28	3ET-38000-8SRL	3RH22-74	21⅝"	21⅝"	11"	13⅝"	18"	5176 lbs.
30	3ET-38000-8SRL	3RH24-84	23⅝"	23⅝"	11"	13⅝"	18"	5660 lbs.
32	3ET-38000-8SRL	3RH24-84	23⅝"	23⅝"	11"	13⅝"	18"	5844 lbs.
34	3ET-38000-8SRL	3RH26-90	25⅝"	25⅝"	11"	13⅝"	18"	6244 lbs.
36	3ET-38000-8SRL	3RH26-90	25⅝"	25⅝"	11"	13⅝"	18"	6440 lbs.
38	3ET-38000-8SRL	3RH28-93	27⅝"	27⅝"	11"	13⅝"	18"	6796 lbs.
40	3ET-38000-8SRL	3RH30-110	29⅝"	29⅝"	11"	13⅝"	18"	7672 lbs.
42	3ET-38000-8SRL	3RH30-110	29⅝"	29⅝"	11"	13⅝"	18"	7908 lbs.
44	3ET-38000-8SRL	3RH30-110	29⅝"	29⅝"	11"	13⅝"	18"	8144 lbs.
46	3ET-38000-8SRL	3RH30-110	29⅝"	29⅝"	11"	13⅝"	18"	8380 lbs.
48	3ET-38000-8SRL	3RH32-120	31⅝"	31⅝"	11"	13⅝"	18"	9116 lbs.
50	3ET-38000-8SRL	3RH32-120	31⅝"	31⅝"	11"	13⅝"	18"	9372 lbs.
52	3ET-38000-8SRL	3RH32-120	31⅝"	31⅝"	11"	13⅝"	18"	9628 lbs.
54	3ET-38000-8SRL	3RH34-130	33⅝"	33⅝"	11"	13⅝"	18"	10,444 lbs.
56	3ET-38000-8SRL	3RH34-130	33⅝"	33⅝"	11"	13⅝"	18"	10,720 lbs.
58	3ET-38000-8SRL	3RH36-140	35⅝"	35⅝"	11"	13⅝"	18"	11,596 lbs.
60	3ET-38000-8SRL	3RH36-140	35⅝"	35⅝"	11"	13⅝"	18"	11,892 lbs.

* Replace 3RH13-36 with 3RH14-41 if adding interlock. Step cut larger rails to 14" or 16". Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops). Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

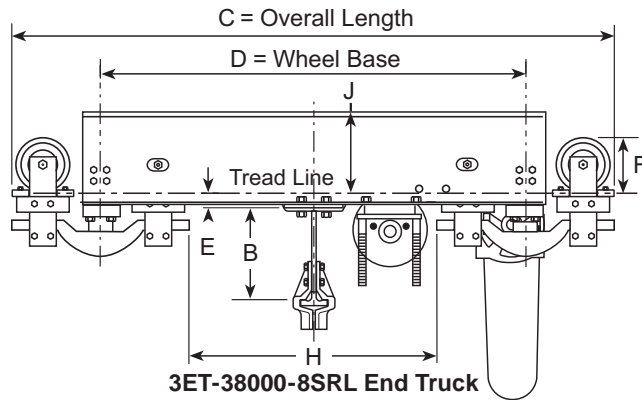
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 14" with 3I-9A interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

3C-20000-HC End Truck Specifications*

Model Number	Dimensions							# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G	H	J			
3ET-38000-8SRL	123½"	96"	2½"	9"	19"	68½"	13"	4	38,000 lbs.	1271 lbs.

* See "325 Series Crane End Trucks" on page G-9 for more information.

† Maximum load on 2-wheel trolley on 325 "L" Series Rail cannot exceed 5500 pounds (2750 pounds per wheel).
Maximum load on 2-wheel trolley on 325 "H" Series Rail cannot exceed 10000 pounds (5000 pounds per wheel)



Check dimension "F" and "J" for clearance to runway and suspension.



Model 3C-2000-MD Motor Driven Crane

2000 lb. capacity

Crane design load = 3300 lbs.

(Live load 2000 lbs.+300 lbs. impact+1000 lbs. hoist & trolley)

Crane Conductor Bars

- **Bottom Contact** conductor bars can mount on all cranes and all bridge beams
- **Side Contact** conductor bars 7½" gauge, through 5" dia. hoist carrier trolley wheels requires minimum 3RL11-21 bridge beam 9" gauge for 6½" dia. wheels

See "Crane Interlocks" on page F-99 for more information.

Crane Interlocks

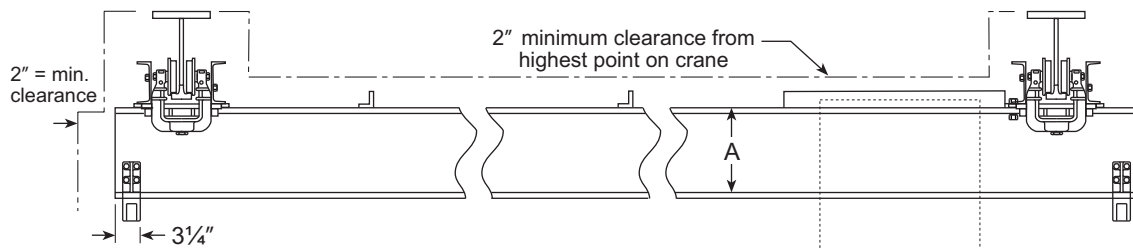
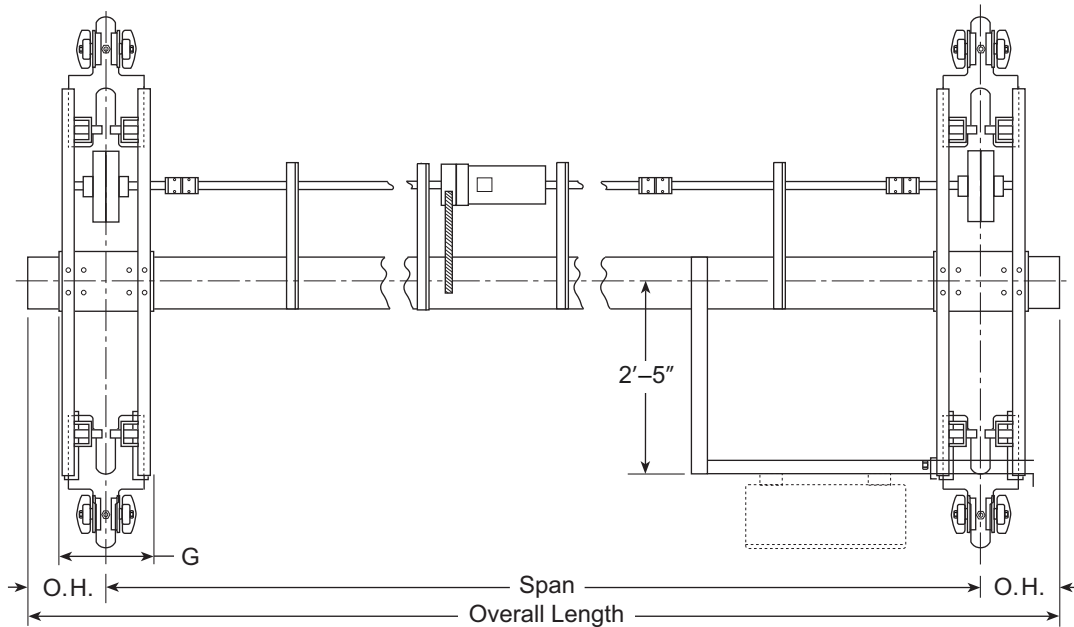
"L" Series Rail

- Non-electrified cranes: Model 3I-615, mounted in 3RL8-18 bridge (For cranes with bridges other than 3RL8-18, add for step cuts.)
- Electrified cranes with bottom contact conductor bar: Model 3I-615, mounted in 3RL8-18 bridge (For cranes with bridges other than 3RL8-18, add for step cuts.)
- Electrified cranes with side contact conductor bar: Model 3I-430 Requires minimum 3RL13-27 (For cranes with 3RL14-35, add for step cuts.)

"H" Series Rail

Electrified or Non-electrified cranes

- 3I-9A Standard requires 3RH14-41 Bridge Rail (For larger rail, add for step cut.)
- 3I-9B Optional requires 3RH16-47 Bridge Rail (For larger rail, add for step cut.)





3C-2000-MD Motor Driven Crane

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking			Interlocking		Motor (hp)	Estimated Crane Weight
		Model No.	A	B	O.H. (min)		B	O.H.		
10	3ET-9000-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	8"		7 ³ / ₈ "	15"	½	1261 lbs.
12	3ET-9000-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	8"		7 ³ / ₈ "	15"	½	1314 lbs.
14	3ET-9000-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	8"		7 ³ / ₈ "	15"	½	1367 lbs.
16	3ET-9000-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	8"		7 ³ / ₈ "	15"	½	1420 lbs.
18	3ET-9000-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	8"		7 ³ / ₈ "	15"	½	1473 lbs.
20	3ET-9000-4	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	8"		7 ³ / ₈ "	15"	½	1592 lbs.
22	3ET-9000-4	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	8"		7 ³ / ₈ "	15"	½	1651 lbs.
24	3ET-9000-4	3RL11-24	10½"	10½"	8"		7 ³ / ₈ "	15"	½	1788 lbs.
26	3ET-9000-4	3RL11-24	10½"	10½"	8"		7 ³ / ₈ "	15"	½	1853 lbs.
28	3ET-9000-4	3RL13-27	12½"	12½"	8"		7 ³ / ₈ "	15"	½	2008 lbs.
30	3ET-9000-4	3RL13-27	12½"	12½"	8"		7 ³ / ₈ "	15"	½	2079 lbs.
32	3ET-9000-4	3RL13-27	12½"	12½"	8"		7 ³ / ₈ "	15"	¾	2160 lbs.
34	3ET-9000-4	3RL14-35	13½"	13½"	8"		7 ³ / ₈ "	15"	¾	2519 lbs.
36	3ET-9000-4	3RL14-35	13½"	13½"	8"		7 ³ / ₈ "	15"	¾	2606 lbs.
38	3ET-9000-4	3RH14-41	13 ⁵ / ₈ "	13 ⁵ / ₈ "	8"		7 ³ / ₈ "	14"	¾	2933 lbs.
40	3ET-9000-4	3RH16-47	15 ⁵ / ₁₆ "	15 ⁵ / ₁₆ "	8"		7 ³ / ₈ "	14"	¾	3284 lbs.
42	3ET-9000-4	3RH16-47	15 ⁵ / ₁₆ "	15 ⁵ / ₁₆ "	8"		7 ³ / ₈ "	14"	¾	3395 lbs.
44	3ET-9000-4	3RH18-52	17 ⁵ / ₁₆ "	17 ⁵ / ₁₆ "	8"		7 ³ / ₈ "	14"	¾	3736 lbs.
46	3ET-9000-4	3RH18-52	17 ⁵ / ₁₆ "	17 ⁵ / ₁₆ "	8"		7 ³ / ₈ "	14"	¾	3857 lbs.
48	3ET-9000-4	3RH18-52	17 ⁵ / ₁₆ "	17 ⁵ / ₁₆ "	8"		7 ³ / ₈ "	14"	¾	3978 lbs.
50	3ET-9000-4	3RH20-67	19 ⁵ / ₁₆ "	19 ⁵ / ₁₆ "	8"		13 ⁵ / ₈ "	14"	¾	4879 lbs.
52	3ET-9000-4	3RH20-67	19 ⁵ / ₁₆ "	19 ⁵ / ₁₆ "	8"		13 ⁵ / ₈ "	14"	¾	5030 lbs.
54	3ET-9000-4	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	8"		13 ⁵ / ₈ "	14"	¾	5573 lbs.
56	3ET-9000-4	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	8"		13 ⁵ / ₈ "	14"	¾	5738 lbs.
58	3ET-9000-4	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	8"		13 ⁵ / ₈ "	14"	¾	5903 lbs.
60	3ET-9000-4	3RH24-84	23 ⁵ / ₁₆ "	23 ⁵ / ₁₆ "	8"		13 ⁵ / ₈ "	14"	¾	6688 lbs.

* For crane with side contact conductors, minimum bridge size is 3RL11-21. Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

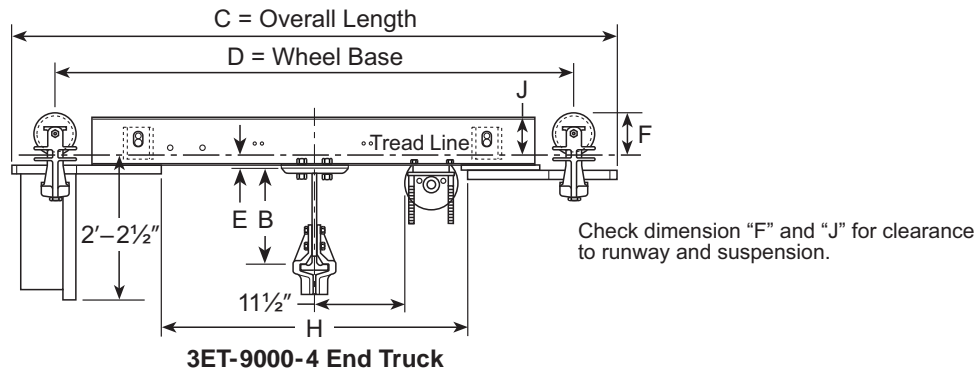
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 15" with 3I-615 or 3I-430 Interlocks in "L" Series rail, or 14" with 3I-9A interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

3C-2000-MD End Truck Specifications*

Model Number	Dimensions							# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G	H	J			
3ET-9000-4	84"	72"	2½"	57/16"	15¼"	36"	5"	2	9000 lbs.	255 lbs.

* See "325 Series Crane End Trucks" on page G-9 for more information.

† Maximum load on 2-wheel trolley on 325 "L" Series Rail cannot exceed 5500 pounds (2750 pounds per wheel)
Maximum load on 2-wheel trolley on 325 "H" Series Rail cannot exceed 10000 pounds (5000 pounds per wheel).



Model 3C-4000-MD Motor Driven Crane

4000 lb. capacity

Crane design load = 6100 lbs.

(Live load 4000 lbs.+600 lbs. impact+ 1500 lbs. hoist & trolley)

Crane Conductor Bars

- Bottom Contact conductor bars can mount on all cranes and all bridge beams
- Side Contact conductor bars
7½" gauge, through 5" dia. hoist carrier trolley wheels requires minimum 3RL11-21 bridge beam
9" gauge for 6½" dia. wheels

See "Crane Interlocks" on page F-99 for more information.

Crane Interlocks

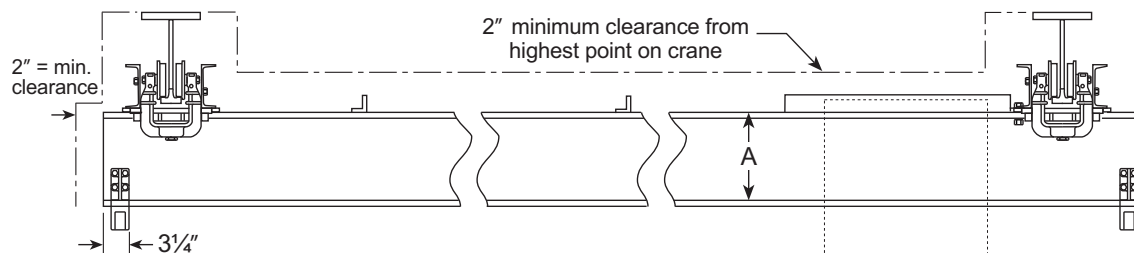
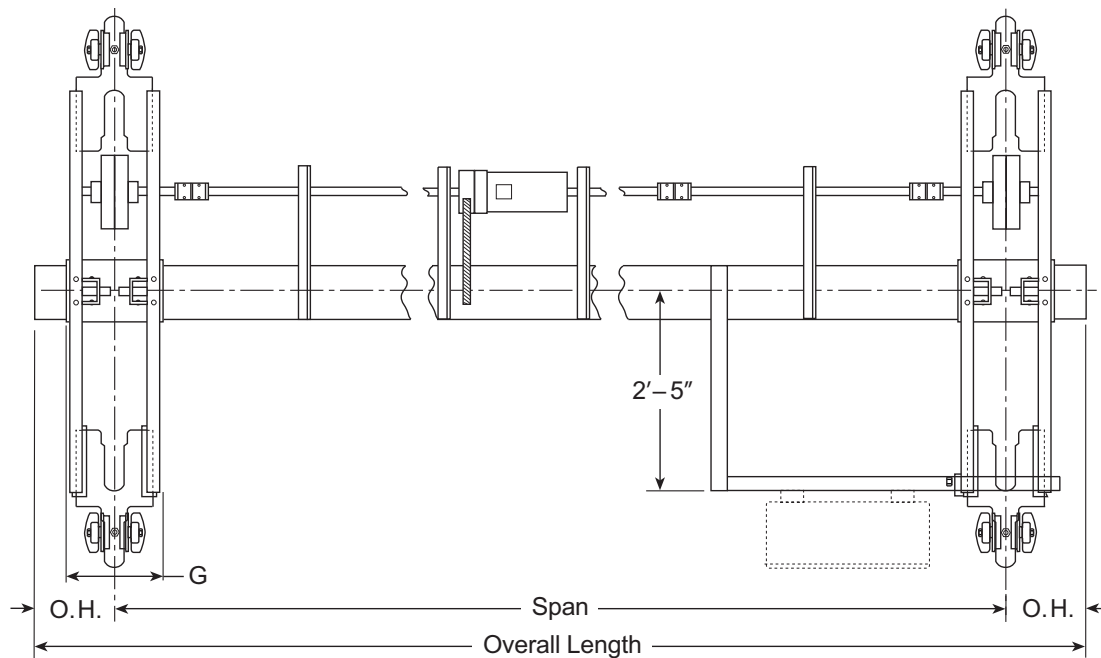
"L" Series Rail

- Non-electrified cranes: Model 3I-615, mounted in 3RL8-18 bridge (For cranes with bridges other than 3RL8-18, add for step cuts.)
- Electrified cranes with bottom contact conductor bar: Model 3I-615, mounted in 3RL8-18 bridge (For cranes with bridges other than 3RL8-18, add for step cuts.)
- Electrified cranes with side contact conductor bar: Model 3I-430 Requires minimum 3RL13-27 (For cranes with 3RL14-35, add for step cuts.)

"H" Series Rail

Electrified or Non-electrified cranes

- 3I-9A Standard requires 3RH14-41 Bridge Rail (for larger rail, add for step cut.)
- 3I-9B Optional requires 3RH16-47 Bridge Rail (for larger rail, add for step cut.)





3C-4000-MD Motor Driven Crane

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		Motor (hp)	Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.		
10	3ET-9000-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	8"	7 ³ / ₈ "	15"	³ / ₄	1271 lbs.
12	3ET-9000-4	3RL8-18*	7 ³ / ₈ "	7 ³ / ₈ "	8"	7 ³ / ₈ "	15"	³ / ₄	1324 lbs.
14	3ET-9000-4	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	8"	7 ³ / ₈ "	15"	³ / ₄	1425 lbs.
16	3ET-9000-4	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	8"	7 ³ / ₈ "	15"	³ / ₄	1484 lbs.
18	3ET-9000-4	3RL11-24	10 ¹ / ₂ "	10 ¹ / ₂ "	8"	7 ³ / ₈ "	15"	³ / ₄	1603 lbs.
20	3ET-9000-4	3RL11-24	10 ¹ / ₂ "	10 ¹ / ₂ "	8"	7 ³ / ₈ "	15"	³ / ₄	1668 lbs.
22	3ET-9000-4	3RL13-27	12 ¹ / ₂ "	12 ¹ / ₂ "	8"	7 ³ / ₈ "	15"	³ / ₄	1805 lbs.
24	3ET-9000-4	3RL13-27	12 ¹ / ₂ "	12 ¹ / ₂ "	8"	7 ³ / ₈ "	15"	³ / ₄	1876 lbs.
26	3ET-9000-4	3RL14-35	13 ¹ / ₂ "	13 ¹ / ₂ "	8"	7 ³ / ₈ "	15"	³ / ₄	2171 lbs.
28	3ET-9000-4	3RL14-35	13 ¹ / ₂ "	13 ¹ / ₂ "	8"	7 ³ / ₈ "	15"	³ / ₄	2258 lbs.
30	3ET-9000-4	3RH14-41	13 ⁵ / ₈ "	13 ⁵ / ₈ "	8"	13 ⁵ / ₈ "	14"	³ / ₄	2537 lbs.
32	3ET-9000-4	3RH14-41	13 ⁵ / ₈ "	13 ⁵ / ₈ "	8"	13 ⁵ / ₈ "	14"	³ / ₄	2636 lbs.
34	3ET-9000-4	3RH14-41	13 ⁵ / ₈ "	13 ⁵ / ₈ "	8"	13 ⁵ / ₈ "	14"	³ / ₄	2735 lbs.
36	3ET-9000-4	3RH16-47	15 ⁵ / ₁₆ "	15 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	³ / ₄	3062 lbs.
38	3ET-9000-4	3RH16-47	15 ⁵ / ₁₆ "	15 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	³ / ₄	3173 lbs.
40	3ET-9000-4	3RH16-47	15 ⁵ / ₁₆ "	15 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	³ / ₄	3284 lbs.
42	3ET-9000-4	3RH18-52	17 ⁵ / ₁₆ "	17 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	³ / ₄	3615 lbs.
44	3ET-9000-4	3RH18-52	17 ⁵ / ₁₆ "	17 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	³ / ₄	3736 lbs.
46	3ET-9000-4	3RH20-67	19 ⁵ / ₁₆ "	19 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	³ / ₄	4577 lbs.
48	3ET-9000-4	3RH20-67	19 ⁵ / ₁₆ "	19 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	³ / ₄	4728 lbs.
50	3ET-9000-4	3RH20-67	19 ⁵ / ₁₆ "	19 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	³ / ₄	4879 lbs.
52	3ET-9000-4	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	³ / ₄	5408 lbs.
54	3ET-9000-4	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	1	5603 lbs.
56	3ET-9000-4	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	1	5768 lbs.
58	3ET-9000-4	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	1	5933 lbs.
60	3ET-9000-4	3RH24-84	23 ⁵ / ₁₆ "	23 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	1	6718 lbs.

* For crane with side contact conductors, minimum bridge size is 3RL11-21. Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

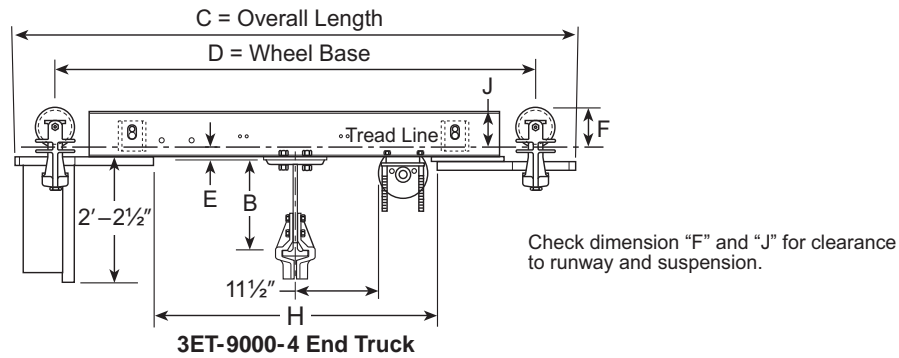
After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 15" with 3I-615 or 3I-430 Interlocks in "L" Series rail, or 14" with 3I-9A interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

3C-4000-MD End Truck Specifications*

Model Number	Dimensions							# of 2-Wheel Trolleys	Max E.T. Loading	End Truck Weight
	C	D	E	F	G	H	J			
3ET-9000-4	84"	72"	2½"	5⅞"	15¼"	35"	5"	2	9000 lbs.	310 lbs.

* See "325 Series Crane End Trucks" on page G-9 for more information.





Model 3C-6000-MD Motor Driven Crane

6000 lb. capacity

Crane design load = 8400 lbs. (Live load 6000 lbs.+900 lbs. impact+1500 lbs. hoist & trolley)

Crane Conductor Bars

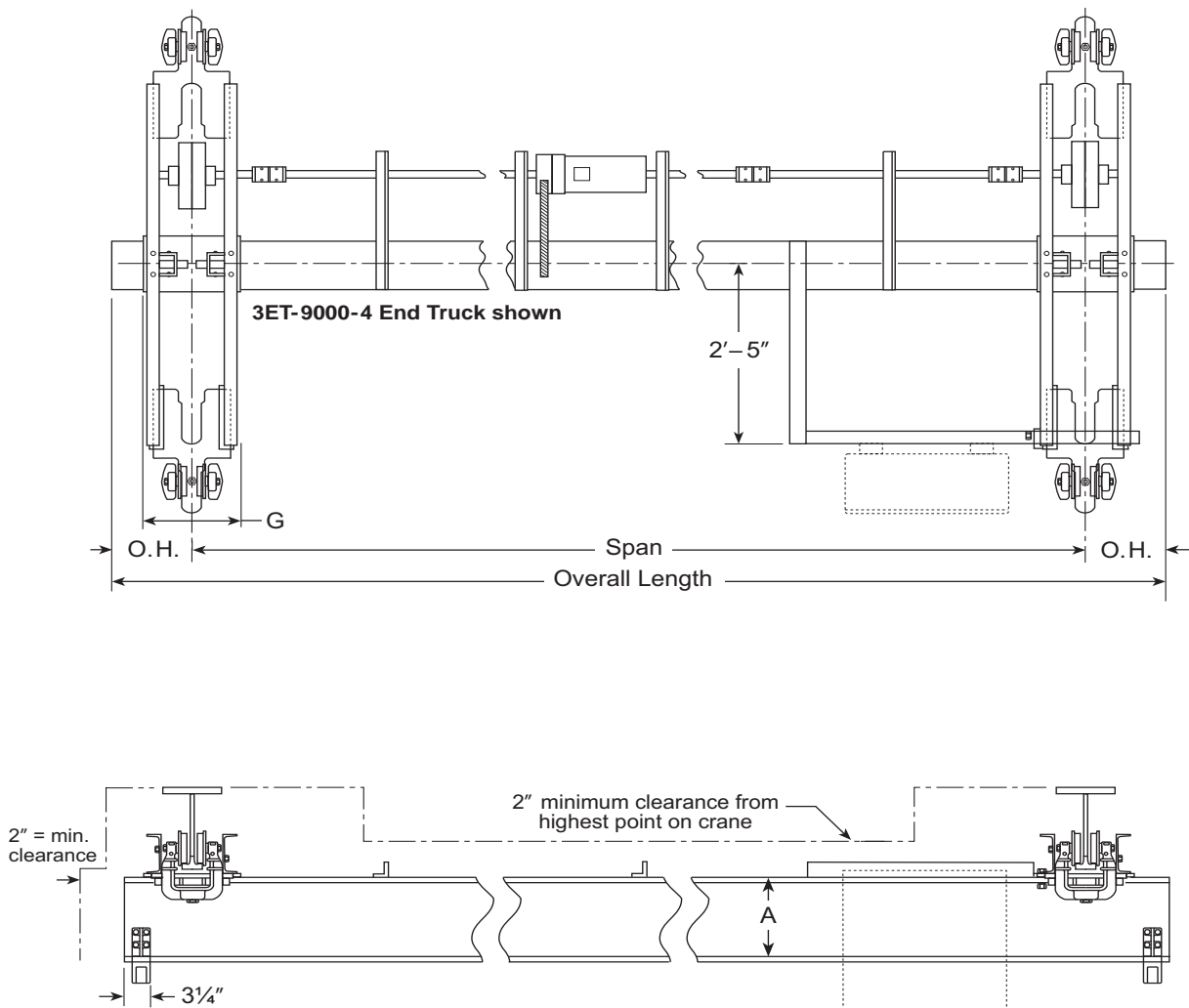
- Bottom Contact conductor bars can mount on all cranes and all bridge beams
- Side Contact conductor bars
7½" gauge, through 5" dia. hoist carrier trolley wheels
9" gauge for 6½" dia. wheels

Crane Interlocks

For Electrified or Non-electrified cranes

- 3I-9A Standard requires 3RH14-41 Bridge Rail (For larger rail, add for step cut.)
- 3I-9B Optional requires 3RH16-47 Bridge Rail (For larger rail, add for step cut.)

See "Crane Interlocks" on page F-99 for more information.





3C-6000-MD Motor Driven Crane

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		Motor (hp)	Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.		
10	3ET-9000-4	3RH13-36*	12½"	12½"	8"	13⅝"	14"	¾	1487 lbs.
12	3ET-9000-4	3RH13-36*	12½"	12½"	8"	13⅝"	14"	¾	1576 lbs.
14	3ET-12400-4	3RH13-36*	12½"	12½"	8"	13⅝"	14"	¾	1701 lbs.
16	3ET-12400-4	3RH13-36*	12½"	12½"	8"	13⅝"	14"	¾	1790 lbs.
18	3ET-12400-4	3RH13-36*	12½"	12½"	8"	13⅝"	14"	¾	1879 lbs.
20	3ET-12400-4	3RH13-36*	12½"	12½"	8"	13⅝"	14"	¾	1968 lbs.
22	3ET-12400-4	3RH13-36*	12½"	12½"	8"	13⅝"	14"	¾	2057 lbs.
24	3ET-12400-4	3RH13-36*	12½"	12½"	8"	13⅝"	14"	¾	2146 lbs.
26	3ET-12400-4	3RH14-41	13⅝"	13⅝"	8"	13⅝"	14"	¾	2375 lbs.
28	3ET-12400-4	3RH14-41	13⅝"	13⅝"	8"	13⅝"	14"	¾	2474 lbs.
30	3ET-12400-4	3RH16-47	15⅝"	15⅝"	8"	13⅝"	14"	¾	2765 lbs.
32	3ET-12400-4	3RH16-47	15⅝"	15⅝"	8"	13⅝"	14"	¾	2876 lbs.
34	3ET-12400-4	3RH16-47	15⅝"	15⅝"	8"	13⅝"	14"	¾	2987 lbs.
36	3ET-12400-4	3RH18-52	17⅝"	17⅝"	8"	13⅝"	14"	¾	3288 lbs.
38	3ET-12400-4	3RH18-52	17⅝"	17⅝"	8"	13⅝"	14"	¾	3439 lbs.
40	3ET-12400-4	3RH20-67	19⅝"	19⅝"	8"	13⅝"	14"	1	4190 lbs.
42	3ET-12400-4	3RH20-67	19⅝"	19⅝"	8"	13⅝"	14"	1	4341 lbs.
44	3ET-12400-4	3RH20-67	19⅝"	19⅝"	8"	13⅝"	14"	1	4492 lbs.
46	3ET-12400-4	3RH22-74	21⅝"	21⅝"	8"	13⅝"	14"	1	4979 lbs.
48	3ET-12400-4	3RH22-74	21⅝"	21⅝"	8"	13⅝"	14"	1	5144 lbs.
50	3ET-12400-4	3RH22-74	21⅝"	21⅝"	8"	13⅝"	14"	1	5309 lbs.
52	3ET-12400-4	3RH24-84	23⅝"	23⅝"	8"	13⅝"	14"	1	6014 lbs.
54	3ET-12400-4	3RH24-84	23⅝"	23⅝"	8"	13⅝"	14"	1	6199 lbs.
56	3ET-12400-4	3RH24-84	23⅝"	23⅝"	8"	13⅝"	14"	1	6384 lbs.
58	3ET-12400-4	3RH24-84	23⅝"	23⅝"	8"	13⅝"	14"	1	6569 lbs.
60	3ET-12400-4	3RH26-90	25⅝"	25⅝"	8"	13⅝"	14"	1	7126 lbs.

* Replace 3RH13-36 with 3RH14-41 if adding interlock. Step cut larger rails to 14" or 16". Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

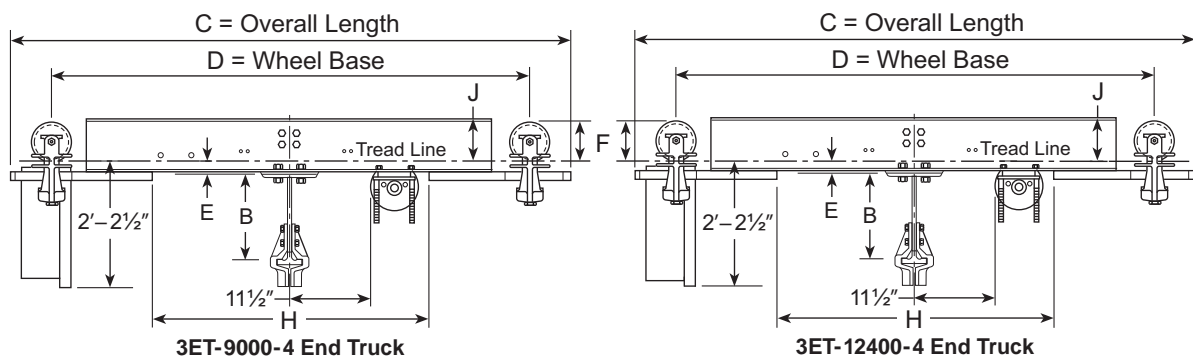
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 14" with 3I-9A interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

3C-6000-MD End Truck Specifications*

Model Number	Dimensions							# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G	H	J			
3ET-9000-4	84"	72"	2½"	57/16"	15¼"	35"	5"	2	9000 lbs.	310 lbs.
3ET-12400-4	84"	72"	2½"	57/16"	15½"	42"	6"	2	12,400 lbs.	328 lbs.

* See "325 Series Crane End Trucks" on page G-9 for more information.

† Maximum load on 2-wheel trolley on 325 "L" Series Rail cannot exceed 5500 pounds (2750 pounds per wheel)
Maximum load on 2-wheel trolley on 325 "H" Series Rail cannot exceed 10000 pounds (5000 pounds per wheel).



Check dimension "F" and "J" for clearance to runway and suspension.

Model 3C-10000-MD Motor Driven Crane

10000 lb. capacity

Crane design load = 14,000 lbs. (Live load 10,000 lbs. 1500 lbs. impact + 2500 lbs. hoist & trolley)

Crane Conductor Bars

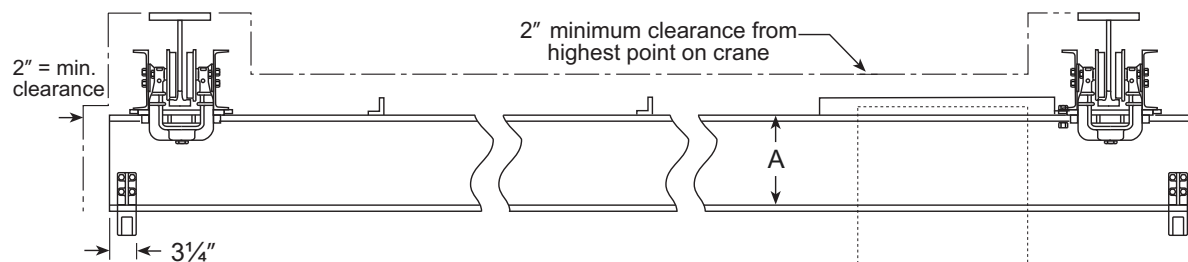
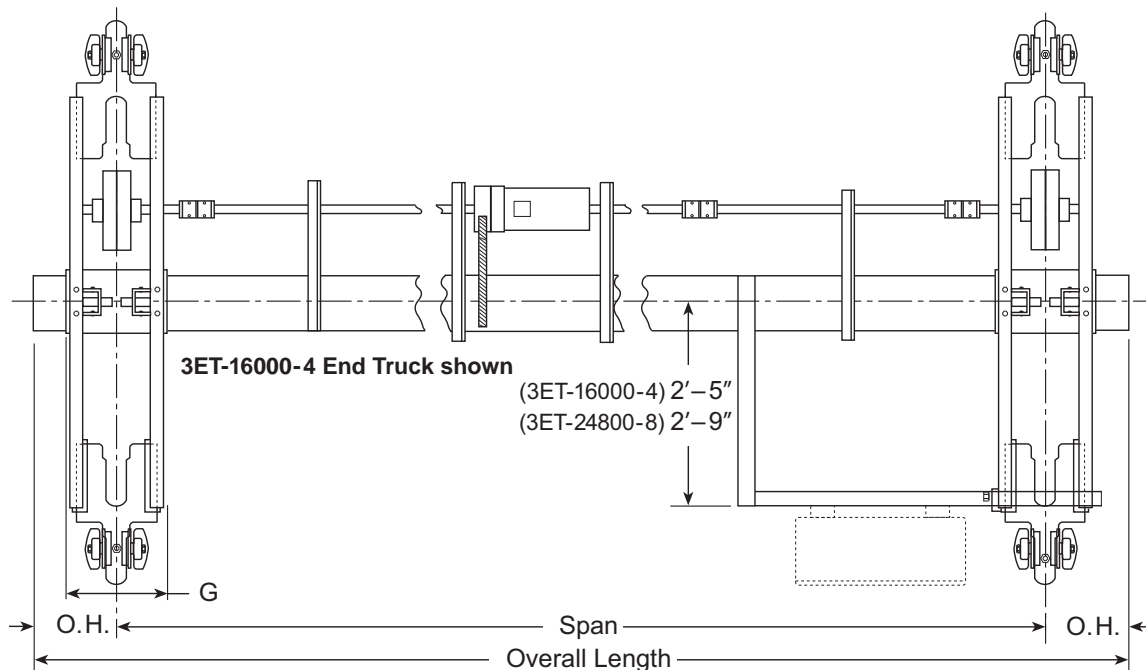
- Bottom Contact conductor bars can mount on all cranes and all bridge beams
- Side Contact conductor bars
7½" gauge, through 5" dia. hoist carrier trolley wheels
9" gauge for 6½" dia. wheels

Crane Interlocks

For Electrified or Non-electrified cranes

- 3I-9A Standard requires 3RH14-41 Bridge Rail (for larger rail, add for step cut.)
- 3I-9B Optional requires 3RH16-47 Bridge Rail (for larger rail, add for step cut.)

See "Crane Interlocks" on page F-99 for more information.





3C-10000-MD Motor Driven Crane

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		Motor (hp)	Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.		
10	3ET-16000-4	3RH13-36*	12½"	12½"	9"	13⅝"	14"	1	1683 lbs.
12	3ET-16000-4	3RH13-36*	12½"	12½"	9"	13⅝"	14"	1	1772 lbs.
14	3ET-16000-4	3RH13-36*	12½"	12½"	9"	13⅝"	14"	1	1861 lbs.
16	3ET-16000-4	3RH13-36*	12½"	12½"	9"	13⅝"	14"	1	1950 lbs.
18	3ET-16000-4	3RH13-36*	12½"	12½"	9"	13⅝"	14"	1	2039 lbs.
20	3ET-16000-4	3RH14-41	13⅝"	13⅝"	9"	13⅝"	14"	1	2238 lbs.
22	3ET-16000-4	3RH14-41	13⅝"	13⅝"	9"	13⅝"	14"	1	2337 lbs.
24	3ET-16000-4	3RH16-47	15⅝"	15⅝"	9"	13⅝"	14"	1	2592 lbs.
26	3ET-16000-4	3RH16-47	15⅝"	15⅝"	9"	13⅝"	14"	1	2703 lbs.
28	3ET-16000-4	3RH18-52	17⅝"	17⅝"	9"	13⅝"	14"	1	2964 lbs.
30	3ET-16000-4	3RH18-52	17⅝"	17⅝"	9"	13⅝"	14"	1	3085 lbs.
32	3ET-24800-8	3RH20-67	19⅝"	19⅝"	10"	13⅝"	18"	1	4170 lbs.
34	3ET-24800-8	3RH20-67	19⅝"	19⅝"	10"	13⅝"	18"	1	4321 lbs.
36	3ET-24800-8	3RH20-67	19⅝"	19⅝"	10"	13⅝"	18"	1	4472 lbs.
38	3ET-24800-8	3RH22-74	21⅝"	21⅝"	10"	13⅝"	18"	1	4903 lbs.
40	3ET-24800-8	3RH22-74	21⅝"	21⅝"	10"	13⅝"	18"	1	5068 lbs.
42	3ET-24800-8	3RH24-84	23⅝"	23⅝"	10"	13⅝"	18"	1	5673 lbs.
44	3ET-24800-8	3RH24-84	23⅝"	23⅝"	10"	13⅝"	18"	1½	5868 lbs.
46	3ET-24800-8	3RH24-84	23⅝"	23⅝"	10"	13⅝"	18"	1½	6053 lbs.
48	3ET-24800-8	3RH24-84	23⅝"	23⅝"	10"	13⅝"	18"	1½	6238 lbs.
50	3ET-24800-8	3RH26-90	25⅝"	25⅝"	10"	13⅝"	18"	1½	6735 lbs.
52	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	1½	8012 lbs.
54	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	1½	8249 lbs.
56	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	1½	8486 lbs.
58	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	1½	8723 lbs.
60	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	1½	8960 lbs.

* Replace 3RH13-36 with 3RH14-41 if adding interlock. Step cut larger rails to 14" or 16". Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

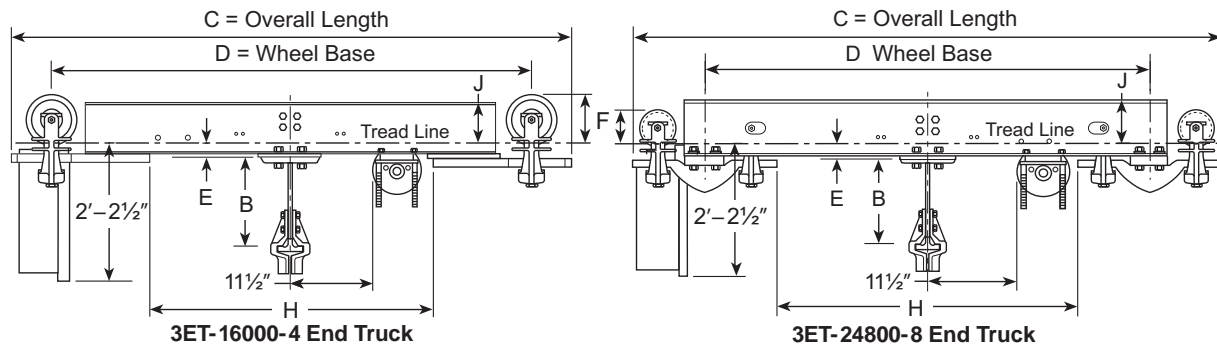
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 14" or 18" with 3I-9A or 3I-9B interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

3C-10000-MD End Truck Specifications*

Model Number	Dimensions							# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G	H	J			
3ET-16000-4	84"	72"	2½"	7 1/16"	15½"	42"	7"	2	16,000 lbs.	393 lbs.
3ET-24800-8	95"	7"	2½"	5 7/16"	18¼"	49"	7"	4	24,800 lbs.	620 lbs.

* See "325 Series Crane End Trucks" on page G-9 for more information.

† Maximum load on 2-wheel trolley on 325 "L" Series Rail cannot exceed 5500 pounds (2750 pounds per wheel)
Maximum load on 2-wheel trolley on 325 "H" Series Rail cannot exceed 10000 pounds (5000 pounds per wheel).



Check dimension "F" and "J" for clearance to runway and suspension.



Model 3C-15000-MD Motor Driven Crane

15000 lb. capacity

Crane design load = 20,250 lbs. (Live load 15,000 lbs.
2250 lbs. impact+3000 lbs. hoist & trolley)

Crane Conductor Bars

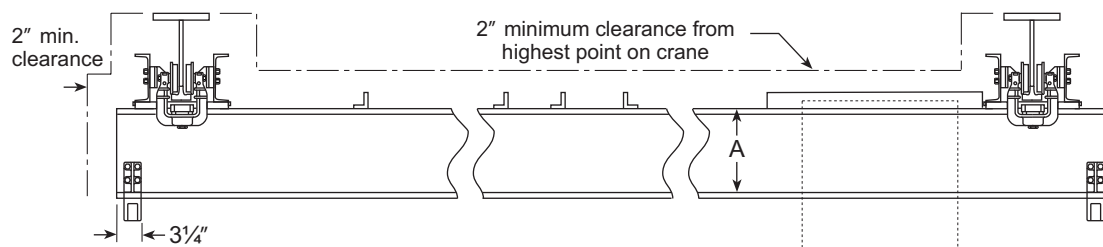
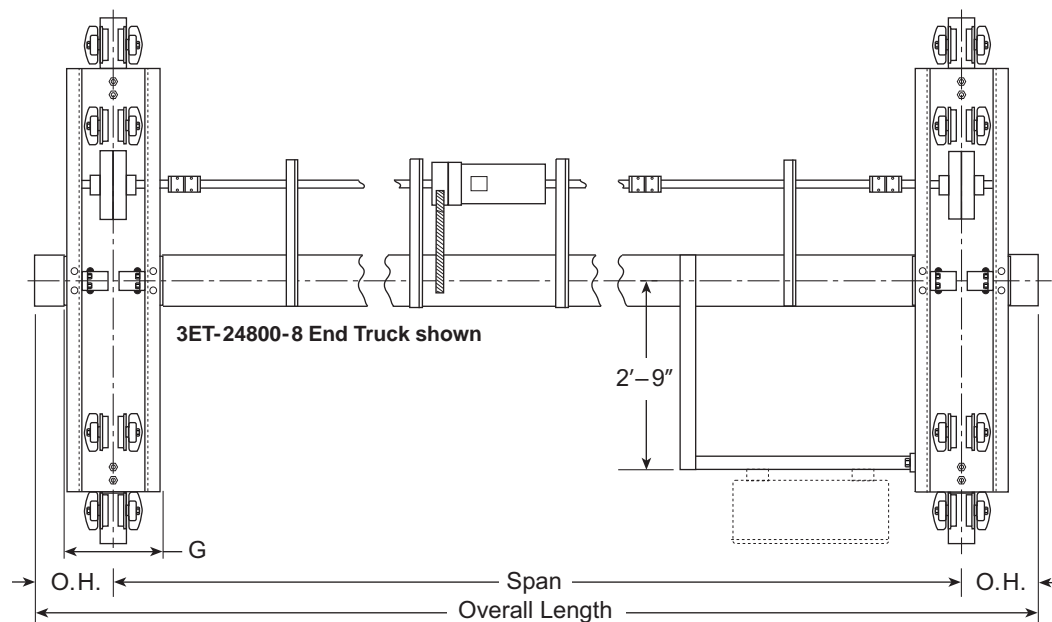
- Bottom Contact conductor bars can mount on all cranes and all bridge beams
- Side Contact conductor bars
7½" gauge, through 5" dia. hoist carrier trolley wheels
9" gauge for 6½" dia. wheels

Crane Interlocks

For Electrified or Non-electrified cranes

- 3I-9A Standard requires 3RH14-41 Bridge Rail
(For larger rail, add for step cut.)
- 3I-9B Optional requires 3RH16-47 Bridge Rail
(For larger rail, add for step cut.)

See "Crane Interlocks" on page F-99 for more information.





3C-15000-MD Motor Driven Crane

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		Motor (hp)	Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.		
10	3ET-24800-8	3RH13-36*	12½"	12½"	10"	13⅝"	18"	1½	2147 lbs.
12	3ET-24800-8	3RH13-36*	12½"	12½"	10"	13⅝"	18"	1½	2236 lbs.
14	3ET-24800-8	3RH13-36*	12½"	12½"	10"	13⅝"	18"	1½	2325 lbs.
16	3ET-24800-8	3RH14-41	13⅝"	13⅝"	10"	13⅝"	18"	1½	2504 lbs.
18	3ET-24800-8	3RH18-52	17⅝"	17⅝"	10"	13⅝"	18"	1½	2823 lbs.
20	3ET-24800-8	3RH18-52	17⅝"	17⅝"	10"	13⅝"	18"	1½	2944 lbs.
22	3ET-24800-8	3RH18-52	17⅝"	17⅝"	10"	13⅝"	18"	1½	3065 lbs.
24	3ET-24800-8	3RH18-52	17⅝"	17⅝"	10"	13⅝"	18"	1½	3186 lbs.
26	3ET-24800-8	3RH20-67	19⅝"	19⅝"	10"	13⅝"	18"	1½	3727 lbs.
28	3ET-24800-8	3RH20-67	19⅝"	19⅝"	10"	13⅝"	18"	1½	3878 lbs.
30	3ET-24800-8	3RH20-67	19⅝"	19⅝"	10"	13⅝"	18"	1½	4029 lbs.
32	3ET-24800-8	3RH22-74	21⅝"	21⅝"	10"	13⅝"	18"	1½	4418 lbs.
34	3ET-24800-8	3RH22-74	21⅝"	21⅝"	10"	13⅝"	18"	1½	4583 lbs.
36	3ET-24800-8	3RH24-84	23⅝"	23⅝"	10"	13⅝"	18"	1½	5128 lbs.
38	3ET-24800-8	3RH24-84	23⅝"	23⅝"	10"	13⅝"	18"	1½	5313 lbs.
40	3ET-24800-8	3RH24-84	23⅝"	23⅝"	10"	13⅝"	18"	1½	5498 lbs.
42	3ET-24800-8	3RH26-90	25⅝"	25⅝"	10"	13⅝"	18"	1½	5947 lbs.
44	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	1½	7064 lbs.
46	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	1½	7301 lbs.
48	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	1½	7538 lbs.
50	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	1½	7775 lbs.
52	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	1½	8012 lbs.
54	3ET-24800-8	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	1½	8249 lbs.
56	3ET-28000-8	3RH32-120	31⅝"	31⅝"	10"	13⅝"	18"	1½	9066 lbs.
58	3ET-28000-8	3RH32-120	31⅝"	31⅝"	10"	13⅝"	18"	1½	9323 lbs.
60	3ET-28000-8	3RH34-130	33⅝"	33⅝"	10"	13⅝"	18"	1½	10,200 lbs.

* Replace 3RH13-36 with 3RH14-41 if adding interlock. Step cut larger rails to 14" or 16". Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

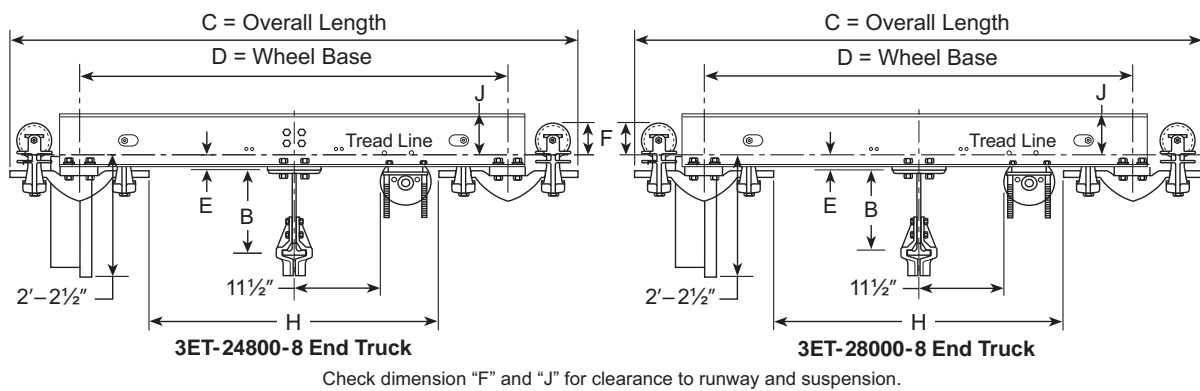
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 18" with 3I-9A or 3I-9B interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

3C-15000-MD End Truck Specifications*

Model Number	Dimensions							# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G	H	J			
3ET-24800-8	95"	72"	2½"	5 7/16"	18¼"	49"	7"	4	24,800 lbs.	620 lbs.
3ET-28000-8	95"	72"	2½"	7 1/16"	18½"	49"	8"	4	28,000 lbs.	713 lbs.

* See "325 Series Crane End Trucks" on page G-9 for more information.

† Maximum load on 2-wheel trolley on 325 "L" Series Rail cannot exceed 5500 pounds (2750 pounds per wheel)
Maximum load on 2-wheel trolley on 325 "H" Series Rail cannot exceed 10000 pounds (5000 pounds per wheel).



Model 3C-20000-MD Motor Driven Crane

20000 lb. capacity

Crane design load = 27,000 lbs.

(Live load 20,000 lbs. 3050 lbs. impact+4000 lbs. hoist & trolley)

Crane Conductor Bars

- Bottom Contact conductor bars can mount on all cranes and all bridge beams

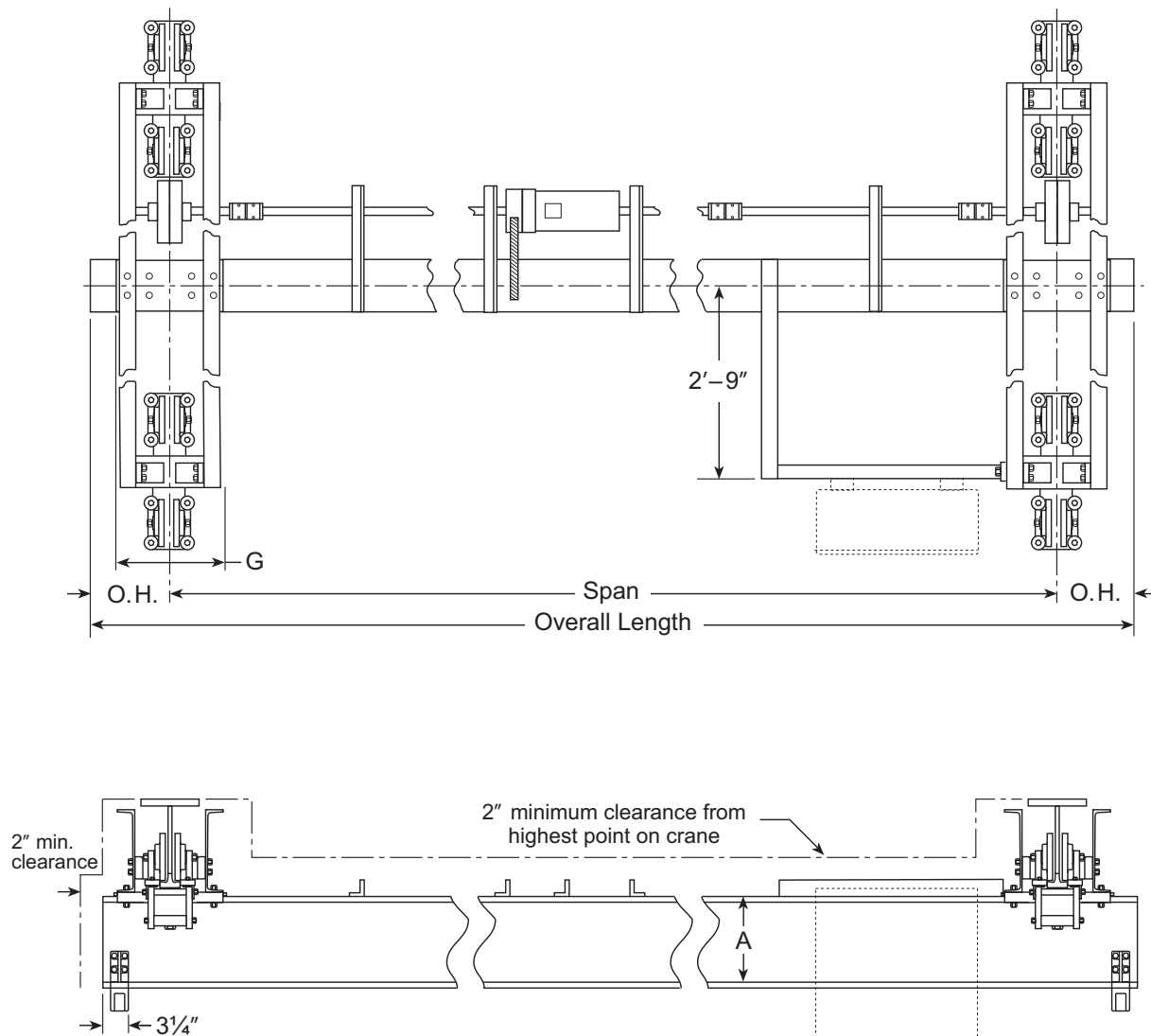
- Side Contact conductor bars
7½" gauge, through 5" dia. hoist carrier trolley wheels
9" gauge for 6½" dia. wheels

Crane Interlocks

For Electrified or Non-electrified cranes

- 3I-9A Standard requires 3RH14-41 Bridge Rail
(For larger rail, add for step cut.)
- 3I-9B Optional requires 3RH16-47 Bridge Rail
(For larger rail, add for step cut.)

See "Crane Interlocks" on page F-99 for more information.





3C-20000-MD Motor Driven Crane

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		Motor (hp)	Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.		
10	3ET-38000-8SRL	3RH13-36*	12½"	12½"	11"	13⅝"	18"	1½	3415 lbs.
12	3ET-38000-8SRL	3RH14-41	13⅝"	13⅝"	11"	13⅝"	18"	1½	3574 lbs.
14	3ET-38000-8SRL	3RH18-52	15⅝"	15⅝"	11"	13⅝"	18"	1½	3849 lbs.
16	3ET-38000-8SRL	3RH18-52	17⅝"	17⅝"	11"	13⅝"	18"	1½	3970 lbs.
18	3ET-38000-8SRL	3RH18-52	17⅝"	17⅝"	11"	13⅝"	18"	1½	4091 lbs.
20	3ET-38000-8SRL	3RH20-67	19⅝"	19⅝"	11"	13⅝"	18"	1½	4542 lbs.
22	3ET-38000-8SRL	3RH20-67	19⅝"	19⅝"	11"	13⅝"	18"	1½	4693 lbs.
24	3ET-38000-8SRL	3RH20-67	19⅝"	19⅝"	11"	13⅝"	18"	1½	4844 lbs.
26	3ET-38000-8SRL	3RH22-74	21⅝"	21⅝"	11"	13⅝"	18"	1½	5191 lbs.
28	3ET-38000-8SRL	3RH22-74	21⅝"	21⅝"	11"	13⅝"	18"	1½	5356 lbs.
30	3ET-38000-8SRL	3RH24-84	23⅝"	23⅝"	11"	13⅝"	18"	2	5856 lbs.
32	3ET-38000-8SRL	3RH24-84	23⅝"	23⅝"	11"	13⅝"	18"	2	6041 lbs.
34	3ET-38000-8SRL	3RH26-90	25⅝"	25⅝"	11"	13⅝"	18"	2	6442 lbs.
36	3ET-38000-8SRL	3RH26-90	25⅝"	25⅝"	11"	13⅝"	18"	2	6639 lbs.
38	3ET-38000-8SRL	3RH28-93	27⅝"	27⅝"	11"	13⅝"	18"	2	6996 lbs.
40	3ET-38000-8SRL	3RH30-110	29⅝"	29⅝"	11"	13⅝"	18"	2	7873 lbs.
42	3ET-38000-8SRL	3RH30-110	29⅝"	29⅝"	11"	13⅝"	18"	2	8110 lbs.
44	3ET-38000-8SRL	3RH30-110	29⅝"	29⅝"	11"	13⅝"	18"	2	8347 lbs.
46	3ET-38000-8SRL	3RH30-110	29⅝"	29⅝"	11"	13⅝"	18"	2	8584 lbs.
48	3ET-38000-8SRL	3RH32-120	31⅝"	31⅝"	11"	13⅝"	18"	2	9321 lbs.
50	3ET-38000-8SRL	3RH32-120	31⅝"	31⅝"	11"	13⅝"	18"	2	9578 lbs.
52	3ET-38000-8SRL	3RH32-120	31⅝"	31⅝"	11"	13⅝"	18"	2	9835 lbs.
54	3ET-38000-8SRL	3RH34-130	33⅝"	33⅝"	11"	13⅝"	18"	2	10,652 lbs.
56	3ET-38000-8SRL	3RH34-130	33⅝"	33⅝"	11"	13⅝"	18"	2	10,929 lbs.
58	3ET-38000-8SRL	3RH36-140	35⅝"	35⅝"	11"	13⅝"	18"	2	11,806 lbs.
60	3ET-38000-8SRL	3RH36-140	35⅝"	35⅝"	11"	13⅝"	18"	2	12,103 lbs.

* Replace 3RH13-36 with 3RH14-41 if adding interlock. Step cut larger rails to 14" or 16". Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

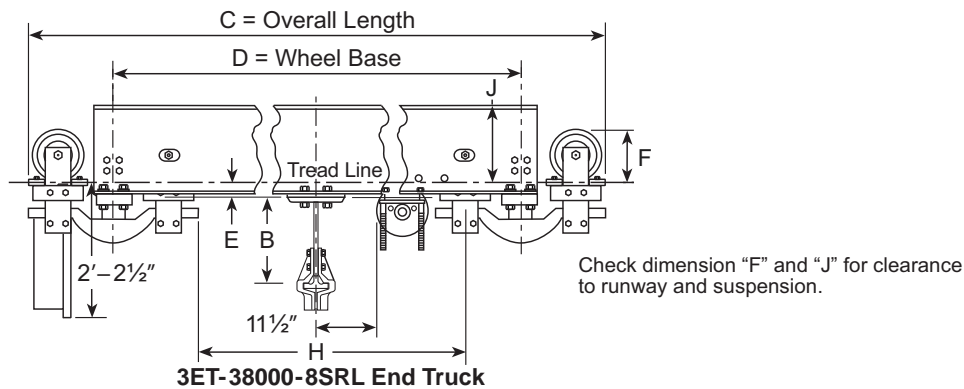
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 18" with 3I-9A or 3I-9B interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

3C-20000-MD End Truck Specifications*

Model Number	Dimensions							# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G	H	J			
3ET-38000-8SRL	123½"	96"	2½"	9"	19"	68½"	13"	4	38,000 lbs.	1454 lbs.

* See "325 Series Crane End Trucks" on page G-9 for more information.

† Maximum load on 2-wheel trolley on 325 "L" Series Rail cannot exceed 5500 pounds (2750 pounds per wheel)
Maximum load on 2-wheel trolley on 325 "H" Series Rail cannot exceed 10000 pounds (5000 pounds per wheel).



Model 3C-2000-DM Dual Motor Crane

2000 lb. capacity

Crane design load = 3300 lbs. (Live load 2000 lbs.+300 lbs. impact+1000 lbs. hoist & trolley)

Crane Conductor Bars

- Bottom Contact conductor bars can mount on all cranes and all bridge beams
- Side Contact conductor bars
7½" gauge, through 5" dia. hoist carrier trolley wheels requires minimum 3RL11-21 bridge beam
9" gauge for 6½" dia. wheels

Crane Interlocks

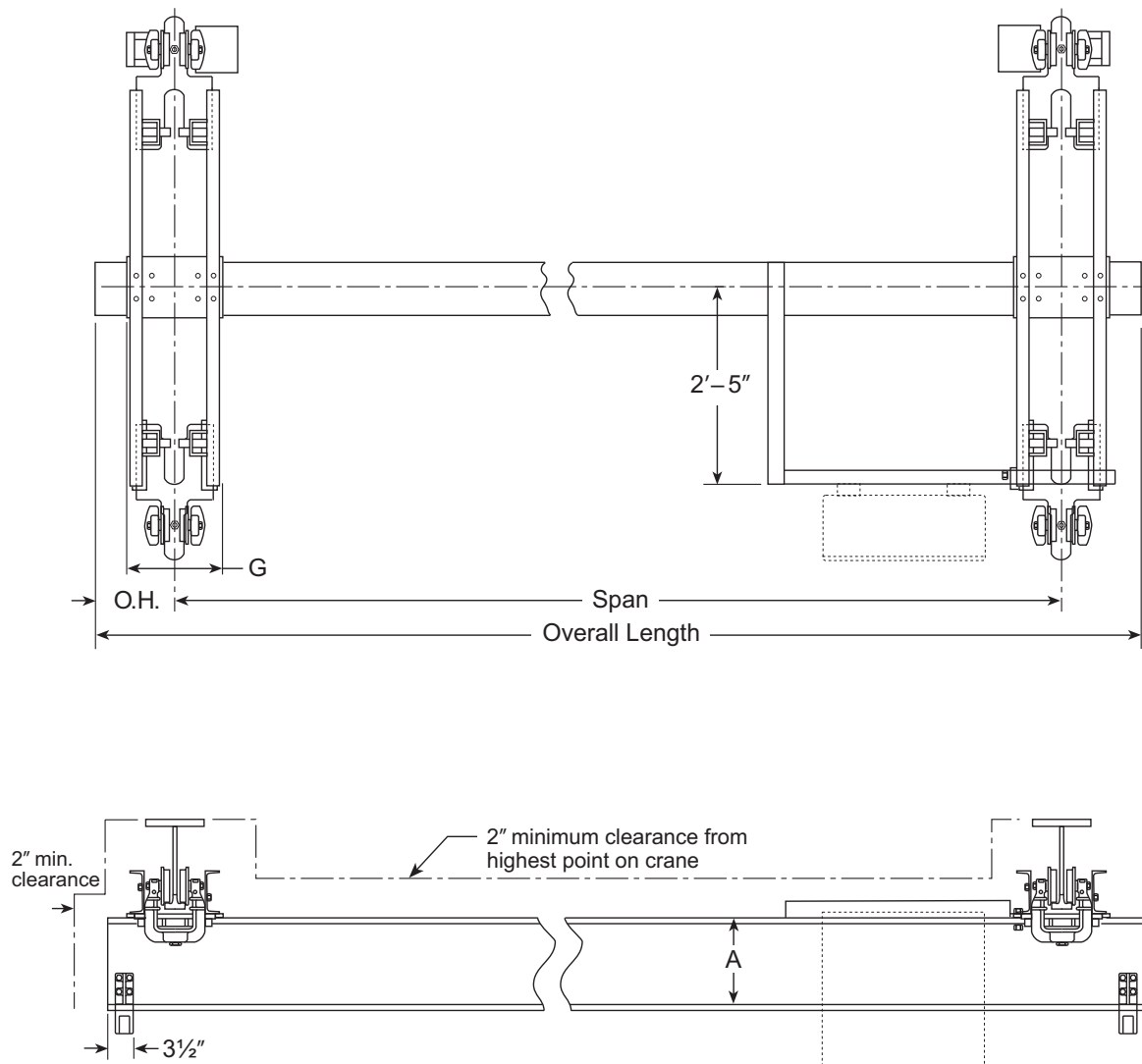
"L" Series Rail

- Non-electrified cranes: Model 3I-615, mounted in 3RL8-18 bridge (For cranes with bridges other than 3RL8-18, add for step cuts.)
- Electrified cranes with bottom contact conductor bar: Model 3I-615, mounted in 3RL8-18 bridge (For cranes with bridges other than 3RL8-18, add for step cuts.)
- Electrified cranes with side contact conductor bar: Model 3I-430 Requires minimum 3RL13-27 (For cranes with 3RL14-35, add for step cuts.)

"H" Series Rail

- Electrified or Non-electrified cranes:
Model 3I-9A Interlock, requires 3RH14-41 (add for step cuts if larger rail)
Model 3I-9B Interlock, requires 3RH16-47 (add for step cuts if larger rail)

See "Crane Interlocks" on page F-99 for more information.





3C-2000-DM Dual Motor Driven Crane

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		HP each Motor @ 100FPM*	Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.		
10	3ET-9000-4AT	3RL8-18†	7 ³ / ₈ "	7 ³ / ₈ "	8"	7 ³ / ₈ "	15"	½	1134 lbs.
12	3ET-9000-4AT	3RL8-18†	7 ³ / ₈ "	7 ³ / ₈ "	8"	7 ³ / ₈ "	15"	½	1171 lbs.
14	3ET-9000-4AT	3RL8-18†	7 ³ / ₈ "	7 ³ / ₈ "	8"	7 ³ / ₈ "	15"	½	1208 lbs.
16	3ET-9000-4AT	3RL8-18†	7 ³ / ₈ "	7 ³ / ₈ "	8"	7 ³ / ₈ "	15"	½	1245 lbs.
18	3ET-9000-4AT	3RL8-18†	7 ³ / ₈ "	7 ³ / ₈ "	8"	7 ³ / ₈ "	15"	½	1282 lbs.
20	3ET-9000-4AT	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	8"	7 ³ / ₈ "	15"	½	1385 lbs.
22	3ET-9000-4AT	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	8"	7 ³ / ₈ "	15"	½	1428 lbs.
24	3ET-9000-4AT	3RL11-24	10 ¹ / ₂ "	10 ¹ / ₂ "	8"	7 ³ / ₈ "	15"	½	1549 lbs.
26	3ET-9000-4AT	3RL11-24	10 ¹ / ₂ "	10 ¹ / ₂ "	8"	7 ³ / ₈ "	15"	½	1598 lbs.
28	3ET-9000-4AT	3RL13-27	12 ¹ / ₂ "	12 ¹ / ₂ "	8"	7 ³ / ₈ "	15"	½	1737 lbs.
30	3ET-9000-4AT	3RL13-27	12 ¹ / ₂ "	12 ¹ / ₂ "	8"	7 ³ / ₈ "	15"	½	1792 lbs.
32	3ET-9000-4AT	3RL13-27	12 ¹ / ₂ "	12 ¹ / ₂ "	8"	7 ³ / ₈ "	15"	½	1847 lbs.
34	3ET-9000-4AT	3RL14-35	13 ¹ / ₂ "	13 ¹ / ₂ "	8"	7 ³ / ₈ "	15"	½	2190 lbs.
36	3ET-9000-4AT	3RL14-35	13 ¹ / ₂ "	13 ¹ / ₂ "	8"	7 ³ / ₈ "	15"	½	2261 lbs.
38	3ET-9000-4AT	3RH14-41	13 ⁵ / ₈ "	13 ⁵ / ₈ "	8"	13 ⁵ / ₈ "	14"	½	2572 lbs.
40	3ET-9000-4AT	3RH16-47	15 ⁵ / ₁₆ "	15 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	2907 lbs.
42	3ET-9000-4AT	3RH16-47	15 ⁵ / ₁₆ "	15 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	3002 lbs.
44	3ET-9000-4AT	3RH18-52	17 ⁵ / ₁₆ "	17 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	3327 lbs.
46	3ET-9000-4AT	3RH18-52	17 ⁵ / ₁₆ "	17 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	3432 lbs.
48	3ET-9000-4AT	3RH18-52	17 ⁵ / ₁₆ "	17 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	3537 lbs.
50	3ET-9000-4AT	3RH20-67	19 ⁵ / ₁₆ "	19 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	4422 lbs.
52	3ET-9000-4AT	3RH20-67	19 ⁵ / ₁₆ "	19 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	4557 lbs.
54	3ET-9000-4AT	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	5084 lbs.
56	3ET-9000-4AT	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	5233 lbs.
58	3ET-9000-4AT	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	5382 lbs.
60	3ET-9000-4AT	3RH24-84	23 ⁵ / ₁₆ "	23 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	6151 lbs.

* For more than 100 FPM, or for higher horsepower, use "A" drive.

† For crane with side contact conductors, minimum bridge size is 3RL11-21. Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

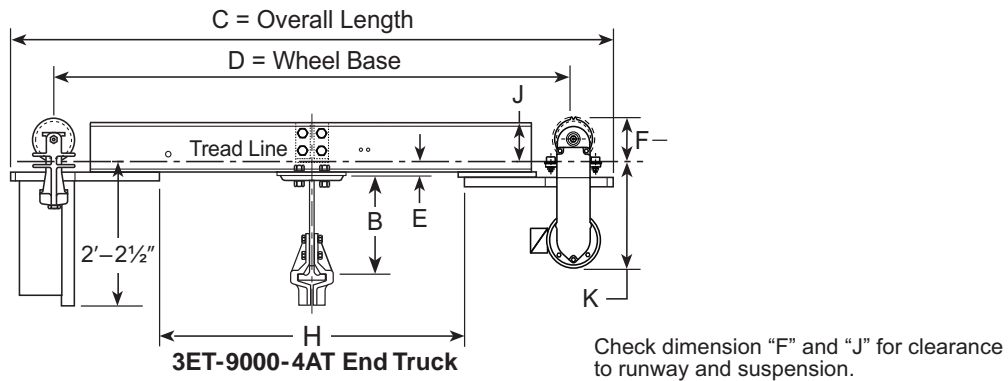
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 15" with 3I-615 or 3I-430 Interlocks in "L" Series rail, or 14" with 3I-9A interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

3C-2000-DM End Truck Specifications*

Model Number	Dimensions (inches)								# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G	H	J	K			
3ET-9000-4AT	84"	72"	2½"	5 7/16"	15¼"	36"	5"	16 7/8"	2	9000 lbs.	395 lbs.

* See "325 Series Crane End Trucks" on page G-9 for more information.

† Maximum load on 2-wheel trolley on 325 "L" Series Rail cannot exceed 5500 pounds (2750 pounds per wheel)
Maximum load on 2-wheel trolley on 325 "H" Series Rail cannot exceed 10000 pounds (5000 pounds per wheel).



Model 3C-4000-DM Dual Motor Crane

4000 lb. capacity

Crane design load = 6100 lbs. (Live load 4000 lbs.+600 lbs. impact +1500 lbs. hoist & trolley)

Crane Conductor Bars

- Bottom Contact conductor bars can mount on all cranes and all bridge beams
- Side Contact conductor bars
7½" gauge, through 5" dia. hoist carrier trolley wheels requires minimum 3RL11-21 bridge beam
9" gauge for 6½" dia. wheels

Crane Interlocks

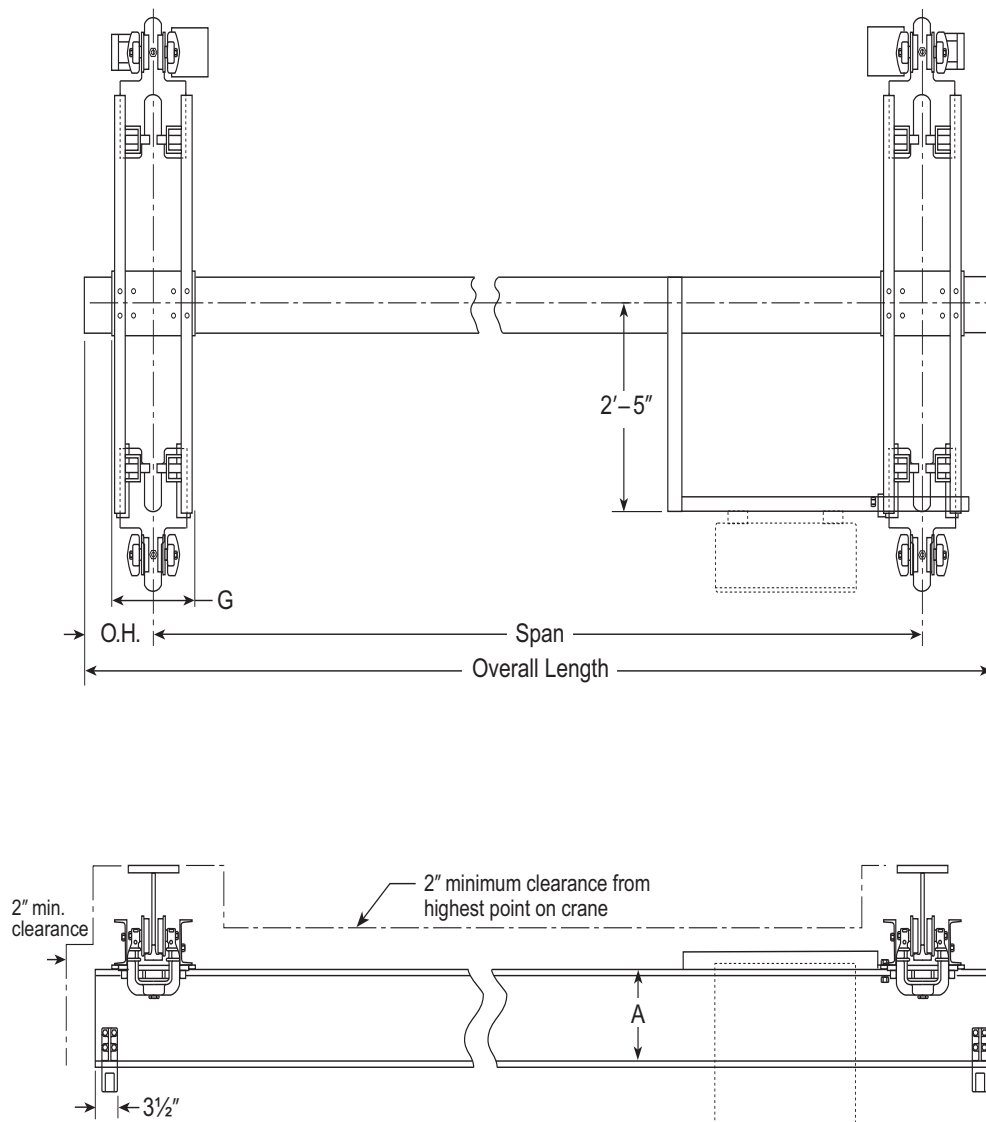
"L" Series Rail

- Non-electrified cranes: Model 3I-615, mounted in 3RL8-18 bridge (For cranes with bridges other than 3RL8-18, add for step cuts.)
- Electrified cranes with bottom contact conductor bar: Model 3I-615, mounted in 3RL8-18 bridge (For cranes with bridges other than 3RL8-18, add for step cuts.)
- Electrified cranes with side contact conductor bar: Model 3I-430 Requires minimum 3RL13-27 (For cranes with 3RL14-35, add for step cuts.)

"H" Series Rail

- Electrified or Non-electrified cranes:
Model 3I-9A Interlock, requires 3RH14-41 (add for step cuts if larger rail)
Model 3I-9B Interlock, requires 3RH16-47 (add for step cuts if larger rail)

See "Crane Interlocks" on page F-99 for more information.





3C-4000-DM Dual Motor Driven Crane

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		HP each Motor @ 100 FPM*	Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.		
10	3ET-9000-4AT	3RL8-18†	7 ³ / ₈ "	7 ³ / ₈ "	8"	7 ³ / ₈ "	15"	½	1134 lbs.
12	3ET-9000-4AT	3RL8-18†	7 ³ / ₈ "	7 ³ / ₈ "	8"	7 ³ / ₈ "	15"	½	1171 lbs.
14	3ET-9000-4AT	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	8"	7 ³ / ₈ "	15"	½	1256 lbs.
16	3ET-9000-4AT	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	8"	7 ³ / ₈ "	15"	½	1299 lbs.
18	3ET-9000-4AT	3RL11-24	10½"	10½"	8"	7 ³ / ₈ "	15"	½	1402 lbs.
20	3ET-9000-4AT	3RL11-24	10½"	10½"	8"	7 ³ / ₈ "	15"	½	1451 lbs.
22	3ET-9000-4AT	3RL13-27	12½"	12½"	8"	7 ³ / ₈ "	15"	½	1572 lbs.
24	3ET-9000-4AT	3RL13-27	12½"	12½"	8"	7 ³ / ₈ "	15"	½	1627 lbs.
26	3ET-9000-4AT	3RH13-36	13½"	13½"	8"	13 ⁵ / ₈ "	14"	½	1934 lbs.
28	3ET-9000-4AT	3RH13-36	13½"	13½"	8"	13 ⁵ / ₈ "	14"	½	2007 lbs.
30	3ET-9000-4AT	3RH14-41	13 ⁵ / ₈ "	13 ⁵ / ₈ "	8"	13 ⁵ / ₈ "	14"	½	2240 lbs.
32	3ET-9000-4AT	3RH14-41	13 ⁵ / ₈ "	13 ⁵ / ₈ "	8"	13 ⁵ / ₈ "	14"	½	2323 lbs.
34	3ET-9000-4AT	3RH14-41	13 ⁵ / ₈ "	13 ⁵ / ₈ "	8"	13 ⁵ / ₈ "	14"	½	2406 lbs.
36	3ET-9000-4AT	3RH16-47	15 ⁵ / ₁₆ "	15 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	2717 lbs.
38	3ET-9000-4AT	3RH16-47	15 ⁵ / ₁₆ "	15 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	2812 lbs.
40	3ET-9000-4AT	3RH16-47	15 ⁵ / ₁₆ "	15 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	2907 lbs.
42	3ET-9000-4AT	3RH18-52	17 ⁵ / ₁₆ "	17 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	3222 lbs.
44	3ET-9000-4AT	3RH18-52	17 ⁵ / ₁₆ "	17 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	3327 lbs.
46	3ET-9000-4AT	3RH20-67	19 ⁵ / ₁₆ "	19 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	4152 lbs.
48	3ET-9000-4AT	3RH20-67	19 ⁵ / ₁₆ "	19 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	4287 lbs.
50	3ET-9000-4AT	3RH20-67	19 ⁵ / ₁₆ "	19 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	4422 lbs.
52	3ET-9000-4AT	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	4935 lbs.
54	3ET-9000-4AT	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	5084 lbs.
56	3ET-9000-4AT	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	5233 lbs.
58	3ET-12400-4AT	3RH24-84	23 ⁵ / ₁₆ "	23 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	5982 lbs.
60	3ET-12400-4AT	3RH24-84	23 ⁵ / ₁₆ "	23 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	6151 lbs.

* For more than 100 FPM, or for higher horsepower, use "A" drive.

† For crane with side contact conductors, minimum bridge size is 3RL11-21. Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight. After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

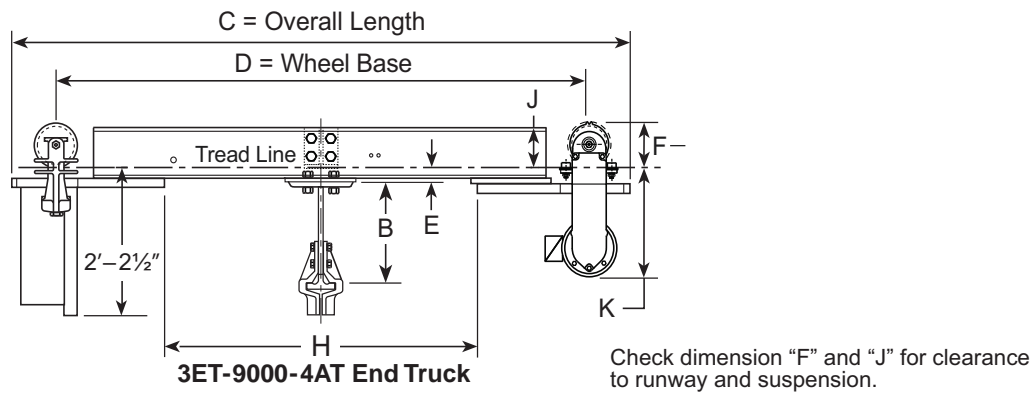
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 15" with 3I-615 or 3I-430 Interlocks in "L" Series rail, or 14" with 3I-9A interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

3C-4000-DM End Truck Specifications*

Model Number	Dimensions (inches)								# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G	H	J	K			
3ET-9000-4AT	84"	72"	2½"	57/16"	15¼"	36"	5"	167/8"	2	9000 lbs.	395 lbs.

* See "325 Series Crane End Trucks" on page G-9 for more information.

† Maximum load on 2-wheel trolley on 325 "L" Series Rail cannot exceed 5500 pounds (2750 pounds per wheel)
Maximum load on 2-wheel trolley on 325 "H" Series Rail cannot exceed 10000 pounds (5000 pounds per wheel).





Model 3C-6000-DM Dual Motor Crane

6000 lb. capacity

Crane design load = 8400 lbs.

(Live load 6000 lbs.+900 lbs. impact +1500 lbs. hoist & trolley)

Crane Conductor Bars

- Bottom Contact conductor bars can mount on all cranes and all bridge beams

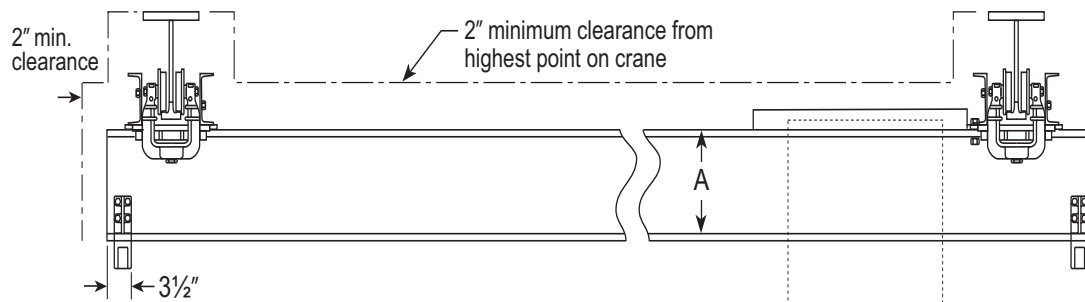
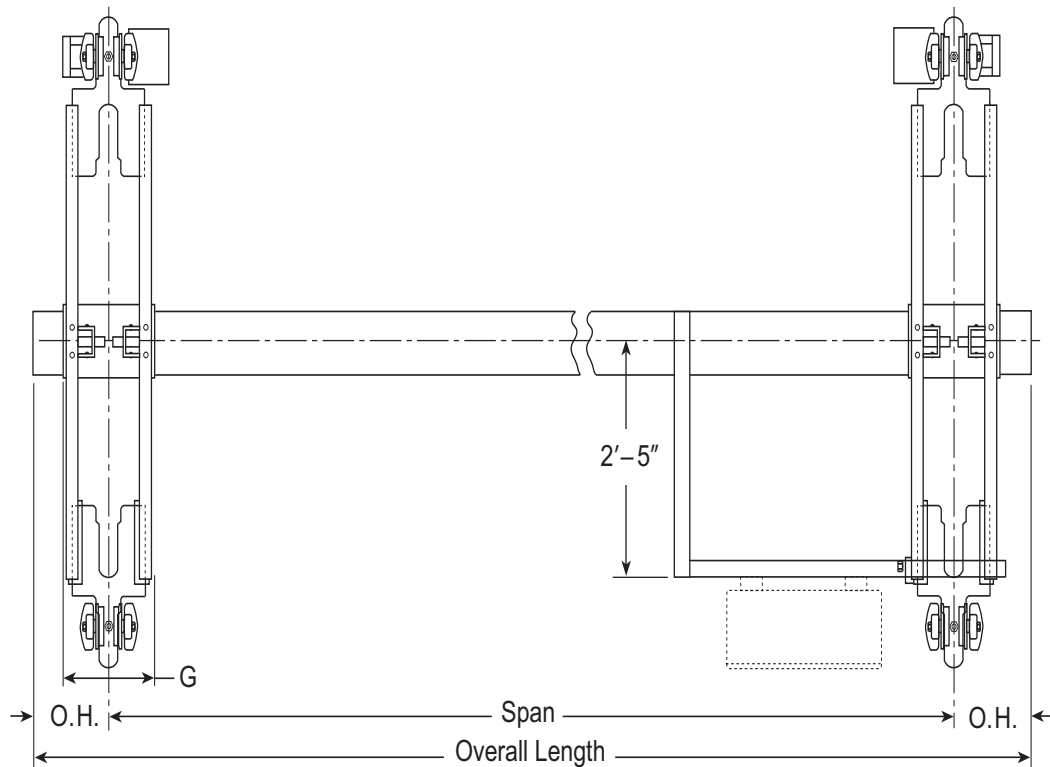
- Side Contact conductor bars
7½" gauge, through 5" dia. hoist carrier trolley wheels
9" gauge for 6½" dia. wheels

Crane Interlocks

For Electrified or Non-electrified cranes

- 3I-9A Standard requires 3RH14-41 Bridge Rail
(For larger rail, add for step cut.)
- 3I-9B Optional requires 3RH16-47 Bridge Rail
(For larger rail, add for step cut.)

See "Crane Interlocks" on page F-99 for more information.





3C-6000-DM Dual Motor Driven Crane

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		HP each Motor @ 100 FPM*	Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.		
10	3ET-12400-4AT	3RH13-36†	12½"	12½"	9"	13⅝"	14"	½	1386 lbs.
12	3ET-12400-4AT	3RH13-36†	12½"	12½"	9"	13⅝"	14"	½	1459 lbs.
14	3ET-12400-4AT	3RH13-36†	12½"	12½"	9"	13⅝"	14"	½	1532 lbs.
16	3ET-12400-4AT	3RH13-36†	12½"	12½"	9"	13⅝"	14"	½	1605 lbs.
18	3ET-12400-4AT	3RH13-36†	12½"	12½"	9"	13⅝"	14"	½	1678 lbs.
20	3ET-12400-4AT	3RH13-36†	12½"	12½"	9"	13⅝"	14"	½	1751 lbs.
22	3ET-12400-4AT	3RH13-36†	12½"	12½"	9"	13⅝"	14"	½	1824 lbs.
24	3ET-12400-4AT	3RH13-36†	12½"	12½"	9"	13⅝"	14"	½	1897 lbs.
26	3ET-12400-4AT	3RH14-41	13⅝"	13⅝"	9"	13⅝"	14"	½	2110 lbs.
28	3ET-12400-4AT	3RH14-41	13⅝"	13⅝"	9"	13⅝"	14"	½	2193 lbs.
30	3ET-12400-4AT	3RH16-47	15⅝"	15⅝"	9"	13⅝"	14"	½	2468 lbs.
32	3ET-12400-4AT	3RH16-47	15⅝"	15⅝"	9"	13⅝"	14"	½	2563 lbs.
34	3ET-12400-4AT	3RH16-47	15⅝"	15⅝"	9"	13⅝"	14"	½	2658 lbs.
36	3ET-12400-4AT	3RH18-52	17⅝"	17⅝"	9"	13⅝"	14"	½	2943 lbs.
38	3ET-12400-4AT	3RH18-52	17⅝"	17⅝"	9"	13⅝"	14"	½	3048 lbs.
40	3ET-12400-4AT	3RH20-67	19⅝"	19⅝"	9"	13⅝"	14"	½	3783 lbs.
42	3ET-12400-4AT	3RH20-67	19⅝"	19⅝"	9"	13⅝"	14"	½	3918 lbs.
44	3ET-12400-4AT	3RH20-67	19⅝"	19⅝"	9"	13⅝"	14"	½	4053 lbs.
46	3ET-12400-4AT	3RH22-74	21⅝"	21⅝"	9"	13⅝"	14"	½	4524 lbs.
48	3ET-12400-4AT	3RH22-74	21⅝"	21⅝"	9"	13⅝"	14"	½	4673 lbs.
50	3ET-12400-4AT	3RH22-74	21⅝"	21⅝"	9"	13⅝"	14"	½	4822 lbs.
52	3ET-12400-4AT	3RH24-84	23⅝"	23⅝"	9"	13⅝"	14"	½	5511 lbs.
54	3ET-12400-4AT	3RH24-84	23⅝"	23⅝"	9"	13⅝"	14"	½	5680 lbs.
56	3ET-12400-4AT	3RH24-84	23⅝"	23⅝"	9"	13⅝"	14"	½	5849 lbs.
58	3ET-12400-4AT	3RH24-84	23⅝"	23⅝"	9"	13⅝"	14"	½	6018 lbs.
60	3ET-12400-4AT	3RH26-90	25⅝"	25⅝"	9"	13⅝"	14"	½	6559 lbs.

* For more than 100 FPM, or for higher horsepower, use "A" drive.

† Replace 3RH13-36 with 3RH14-41 if adding interlock. Step cut larger rails to 14" or 16". Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

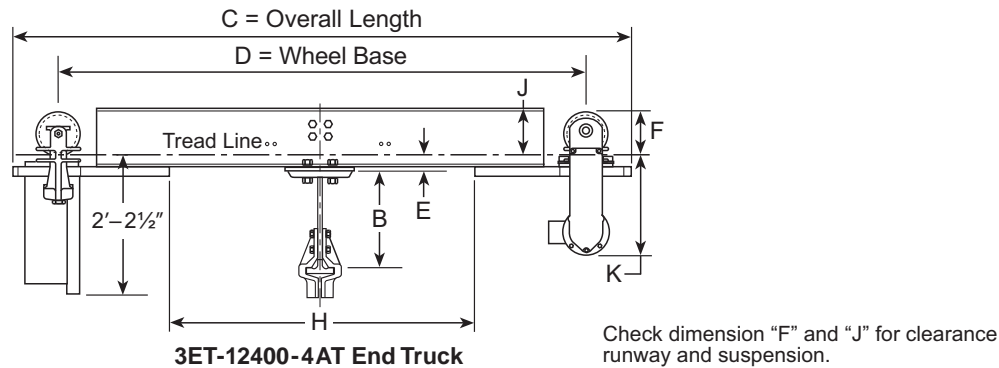
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 14" with 3I-9A or 3I-9B interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. Consult factory for overhangs not shown.

3C-6000-DM End Truck Specifications*

Model Number	Dimensions (inches)							# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G	H	J			
3ET-12400-4AT	84"	72"	2½"	5 7/16"	15½"	42"	5"	2	12,400 lbs.	413 lbs.

* See "325 Series Crane End Trucks" on page G-9 for more information.

† Maximum load on 2-wheel trolley on 325 "L" Series Rail cannot exceed 5500 pounds (2750 pounds per wheel)
Maximum load on 2-wheel trolley on 325 "H" Series Rail cannot exceed 10000 pounds (5000 pounds per wheel).



Model 3C-10000-DM Dual Motor Crane

10000 lb. capacity

Crane design load = 14,000 lbs. (Live load 10,000 lbs.+ 1500lbs. impact + 2500 lbs. hoist & trolley)

Crane Conductor Bars

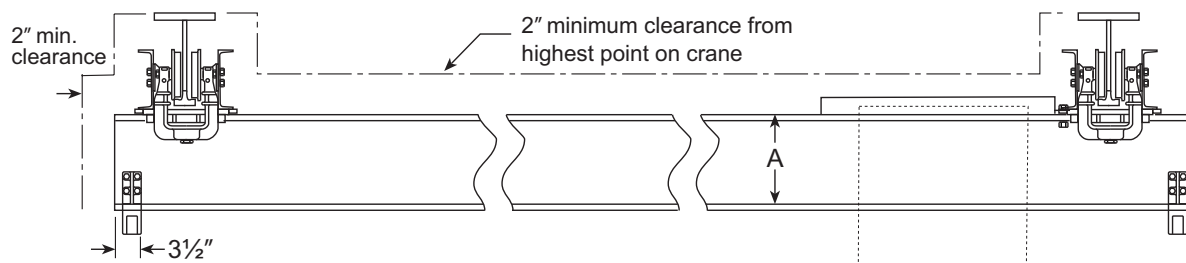
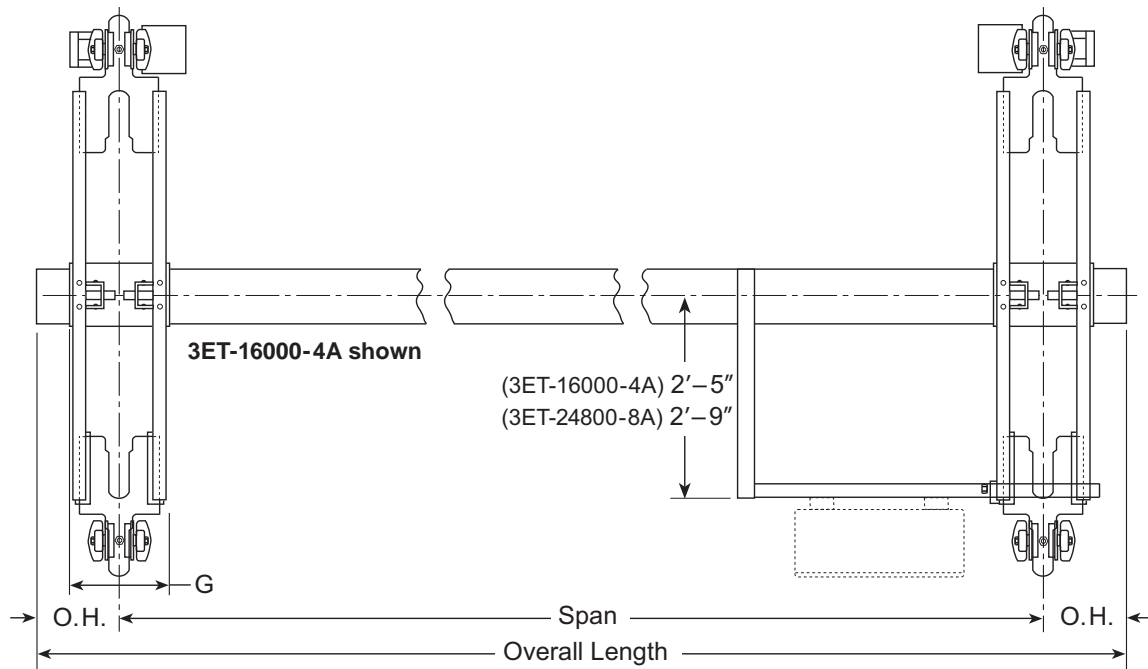
- Bottom Contact conductor bars can mount on all cranes and all bridge beams
- Side Contact conductor bars
7½" gauge, through 5" dia. hoist carrier trolley wheels
9" gauge for 6½" dia. wheels

Crane Interlocks

For Electrified or Non-electrified cranes

- 3I-9A Standard requires 3RH14-41 Bridge Rail
(For larger rail, add for step cut.)
- 3I-9B Optional requires 3RH16-47 Bridge Rail
(For larger rail, add for step cut.)

See "Crane Interlocks" on page F-99 for more information.





3C-10000-DM Dual Motor Driven Crane

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		HP each Motor @ 100FPM	Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.		
10	3ET-16000-4A	3RH13-36*	12½"	12½"	9"	13⅝"	14"	½	1546 lbs.
12	3ET-16000-4A	3RH13-36*	12½"	12½"	9"	13⅝"	14"	½	1619 lbs.
14	3ET-16000-4A	3RH13-36*	12½"	12½"	9"	13⅝"	14"	½	1692 lbs.
16	3ET-16000-4A	3RH13-36*	12½"	12½"	9"	13⅝"	14"	½	1765 lbs.
18	3ET-16000-4A	3RH13-36*	12½"	12½"	9"	13⅝"	14"	½	1838 lbs.
20	3ET-16000-4A	3RH14-41	13⅝"	13⅝"	9"	13⅝"	14"	½	2021 lbs.
22	3ET-16000-4A	3RH14-41	13⅝"	13⅝"	9"	13⅝"	14"	½	2104 lbs.
24	3ET-16000-4A	3RH16-47	15⅝"	15⅝"	9"	13⅝"	14"	½	2343 lbs.
26	3ET-16000-4A	3RH16-47	15⅝"	15⅝"	9"	13⅝"	14"	½	2438 lbs.
28	3ET-16000-4A	3RH18-52	17⅝"	17⅝"	9"	13⅝"	14"	½	2683 lbs.
30	3ET-16000-4A	3RH18-52	17⅝"	17⅝"	9"	13⅝"	14"	½	2788 lbs.
32	3ET-16000-4A	3RH20-67	19⅝"	19⅝"	9"	13⅝"	14"	¾	3403 lbs.
34	3ET-24800-8A	3RH20-67	19⅝"	19⅝"	10"	13⅝"	18"	¾	4098 lbs.
36	3ET-24800-8A	3RH20-67	19⅝"	19⅝"	10"	13⅝"	18"	¾	4233 lbs.
38	3ET-24800-8A	3RH22-74	21⅝"	21⅝"	10"	13⅝"	18"	¾	4648 lbs.
40	3ET-24800-8A	3RH22-74	21⅝"	21⅝"	10"	13⅝"	18"	¾	4797 lbs.
42	3ET-24800-8A	3RH24-84	23⅝"	23⅝"	10"	13⅝"	18"	¾	5386 lbs.
44	3ET-24800-8A	3RH24-84	23⅝"	23⅝"	10"	13⅝"	18"	¾	5555 lbs.
46	3ET-24800-8A	3RH24-84	23⅝"	23⅝"	10"	13⅝"	18"	¾	5724 lbs.
48	3ET-24800-8A	3RH24-84	23⅝"	23⅝"	10"	13⅝"	18"	¾	5893 lbs.
50	3ET-24800-8A	3RH26-90	25⅝"	25⅝"	10"	13⅝"	18"	¾	6374 lbs.
52	3ET-24800-8A	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	¾	7635 lbs.
54	3ET-24800-8A	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	¾	7856 lbs.
56	3ET-24800-8A	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	¾	8077 lbs.
58	3ET-24800-8A	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	¾	8298 lbs.
60	3ET-24800-8A	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	¾	8519 lbs.

* Replace 3RH13-36 with 3RH14-41 if adding interlock. Step cut larger rails to 14" or 16". Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

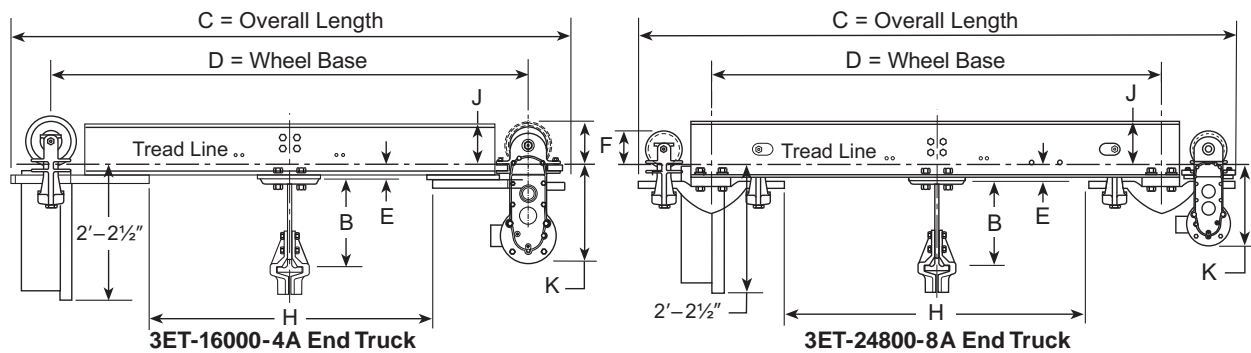
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 18" with 3I-9A or 3I-9B interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

3C-10000-DM End Truck Specifications*

Model Number	Dimensions (inches)								# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G	H	J	K			
3ET-16000-4A	84"	72"	2½"	7⅛"	15½"	42"	7"	15⅜"	2	16,000 lbs.	493 lbs.
3ET-24800-8A	95"	72"	2½"	5⅞"	18¼"	49"	7"	16⅜"	4	24,800 lbs.	773 lbs.

* See "325 Series Crane End Trucks" on page G-9 for more information.

† Maximum load on 2-wheel trolley on 325 "L" Series Rail cannot exceed 5500 pounds (2750 pounds per wheel)
Maximum load on 2-wheel trolley on 325 "H" Series Rail cannot exceed 10000 pounds (5000 pounds per wheel).



Check dimension "F" and "J" for clearance to runway and suspension.



Model 3C-15000-DM Dual Motor Crane

15000 lb. capacity

Crane design load = 20,500 lbs.

(Live load 15,000lbs.+2250lbs. impact+3000 lbs. hoist & trolley)

Crane Conductor Bars

- Bottom Contact conductor bars can mount on all cranes and all bridge beams

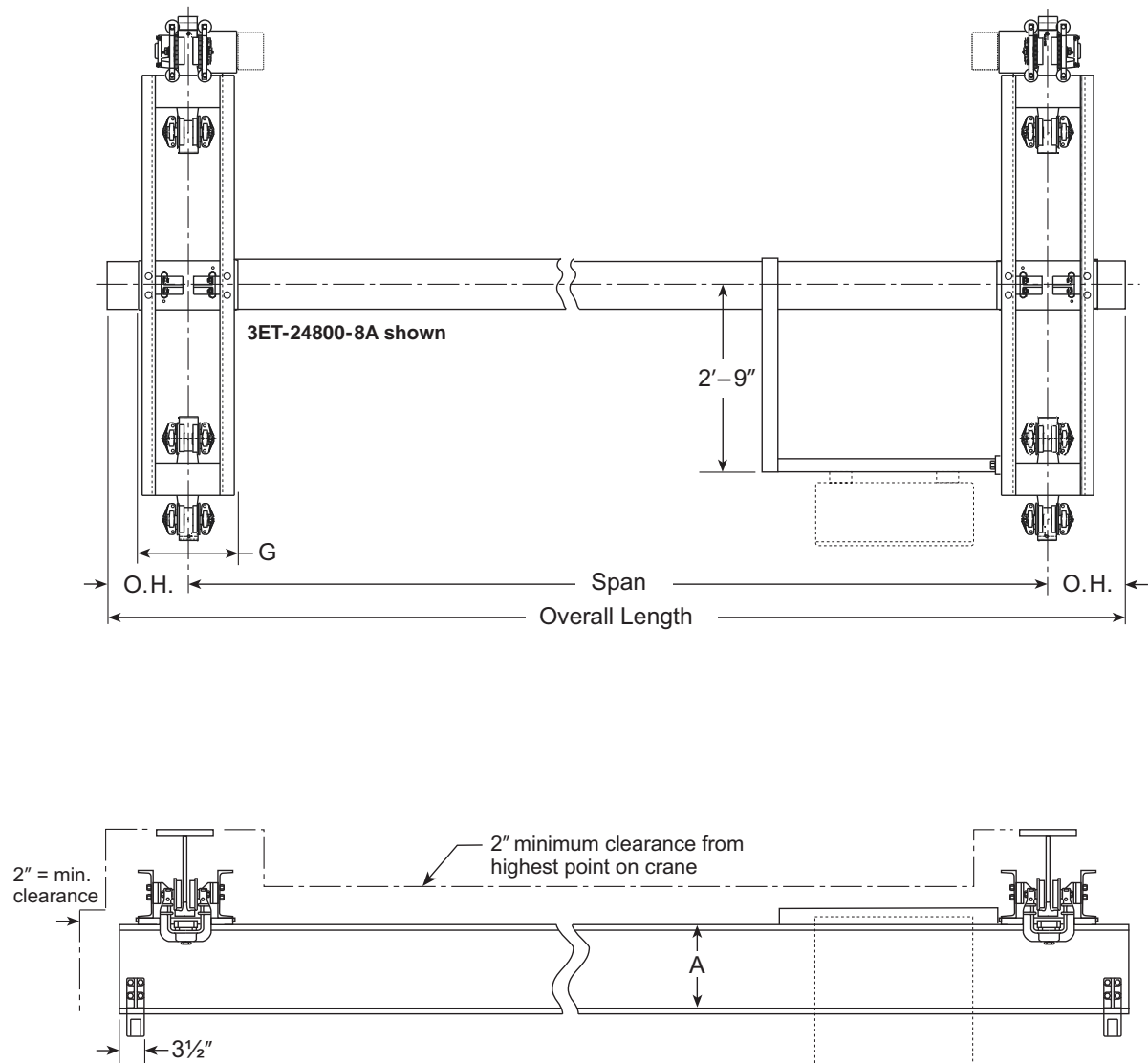
- Side Contact conductor bars
7½" gauge, through 5" dia. hoist carrier trolley wheels
9" gauge for 6½" dia. wheels

Crane Interlocks

For Electrified or Non-electrified cranes

- 3I-9A Standard—requires 3RH14-41 Bridge Rail
(For larger rail, add for step cut.)
- 3I-9B Optional—requires 3RH16-47 Bridge Rail
(For larger rail, add for step cut.)

See "Crane Interlocks" on page F-99 for more information.





3C-15000-DM Dual Motor Driven Crane

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		HP each Motor @ 100FPM	Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.		
10	3ET-24800-8A	3RH13-36*	12½"	12½"	10"	13⅝"	18"	½	2106 lbs.
12	3ET-24800-8A	3RH13-36*	12½"	12½"	10"	13⅝"	18"	½	2179 lbs.
14	3ET-24800-8A	3RH13-36*	12½"	12½"	10"	13⅝"	18"	½	2252 lbs.
16	3ET-24800-8A	3RH14-41	13⅝"	13⅝"	10"	13⅝"	18"	½	2415 lbs.
18	3ET-24800-8A	3RH18-52	15⅝"	15⅝"	10"	13⅝"	18"	½	2718 lbs.
20	3ET-24800-8A	3RH18-52	17⅝"	17⅝"	10"	13⅝"	18"	½	2823 lbs.
22	3ET-24800-8A	3RH18-52	17⅝"	17⅝"	10"	13⅝"	18"	½	2928 lbs.
24	3ET-24800-8A	3RH18-52	17⅝"	17⅝"	10"	13⅝"	18"	½	3033 lbs.
26	3ET-24800-8A	3RH20-67	19⅝"	19⅝"	10"	13⅝"	18"	½	3558 lbs.
28	3ET-24800-8A	3RH20-67	19⅝"	19⅝"	10"	13⅝"	18"	½	3693 lbs.
30	3ET-24800-8A	3RH20-67	19⅝"	19⅝"	10"	13⅝"	18"	¾	3828 lbs.
32	3ET-24800-8A	3RH22-74	21⅝"	21⅝"	10"	13⅝"	18"	¾	4201 lbs.
34	3ET-24800-8A	3RH22-74	21⅝"	21⅝"	10"	13⅝"	18"	¾	4350 lbs.
36	3ET-24800-8A	3RH24-84	23⅝"	23⅝"	10"	13⅝"	18"	¾	4879 lbs.
38	3ET-24800-8A	3RH24-84	23⅝"	23⅝"	10"	13⅝"	18"	¾	5048 lbs.
40	3ET-24800-8A	3RH24-84	23⅝"	23⅝"	10"	13⅝"	18"	¾	5217 lbs.
42	3ET-24800-8A	3RH26-90	25⅝"	25⅝"	10"	13⅝"	18"	¾	5650 lbs.
44	3ET-24800-8A	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	¾	6751 lbs.
46	3ET-24800-8A	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	¾	6972 lbs.
48	3ET-24800-8A	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	¾	7193 lbs.
50	3ET-24800-8A	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	¾	7414 lbs.
52	3ET-24800-8A	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	¾	7635 lbs.
54	3ET-24800-8A	3RH30-110	29⅝"	29⅝"	10"	13⅝"	18"	¾	7856 lbs.
56	3ET-24800-8A	3RH32-120	31⅝"	31⅝"	10"	13⅝"	18"	¾	8657 lbs.
58	3ET-28000-8A	3RH32-120	31⅝"	31⅝"	10"	13⅝"	18"	¾	8986 lbs.
60	3ET-28000-8A	3RH34-130	33⅝"	33⅝"	10"	13⅝"	18"	¾	9847 lbs.

* Replace 3RH13-36 with 3RH14-41 if adding interlock. Step cut larger rails to 14" or 16". Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

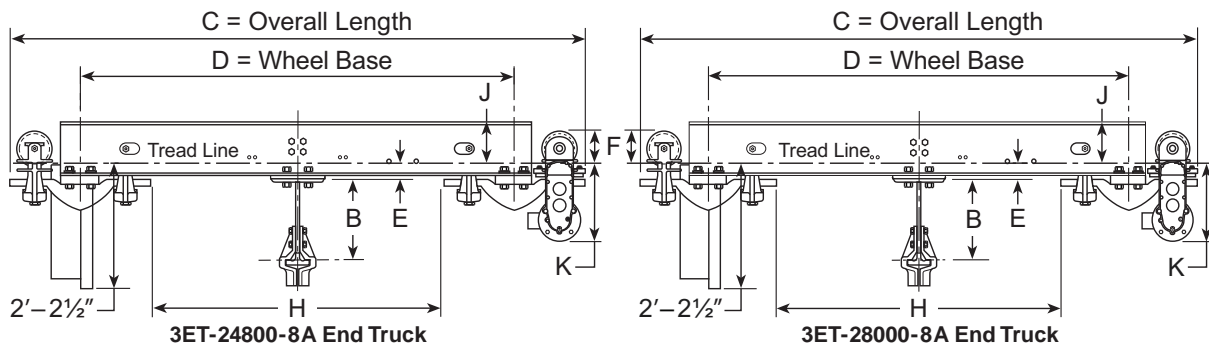
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 18" with 3I-9A or 3I-9B interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

3C-15000-DM End Truck Specifications*

Model Number	Dimensions (inches)								# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G	H	J	K			
3ET-24800-8A	95"	72"	2½"	5⅞"	18¼"	49"	7"	16⅓/16"	4	24,800 lbs.	773 lbs.
3ET-28000-8A	95"	72"	2½"	7⅞"	18½"	49"	8"	16⅓/16"	4	28,000 lbs.	817 lbs.

* See "325 Series Crane End Trucks" on page G-9 for more information.

† Maximum load on 2-wheel trolley on 325 "L" Series Rail cannot exceed 5500 pounds (2750 pounds per wheel)
Maximum load on 2-wheel trolley on 325 "H" Series Rail cannot exceed 10000 pounds (5000 pounds per wheel).



Check dimension "F" and "J" for clearance to runway and suspension.

Model 3C-20000-DM Dual Motor Crane

20000 lb. capacity

Crane design load = 27,000lbs.

(Live load 20,000 lbs.+3000 lbs. impact+4000 lbs. hoist & trolley)

Crane Conductor Bars

- Bottom Contact conductor bars can mount on all cranes and all bridge beams

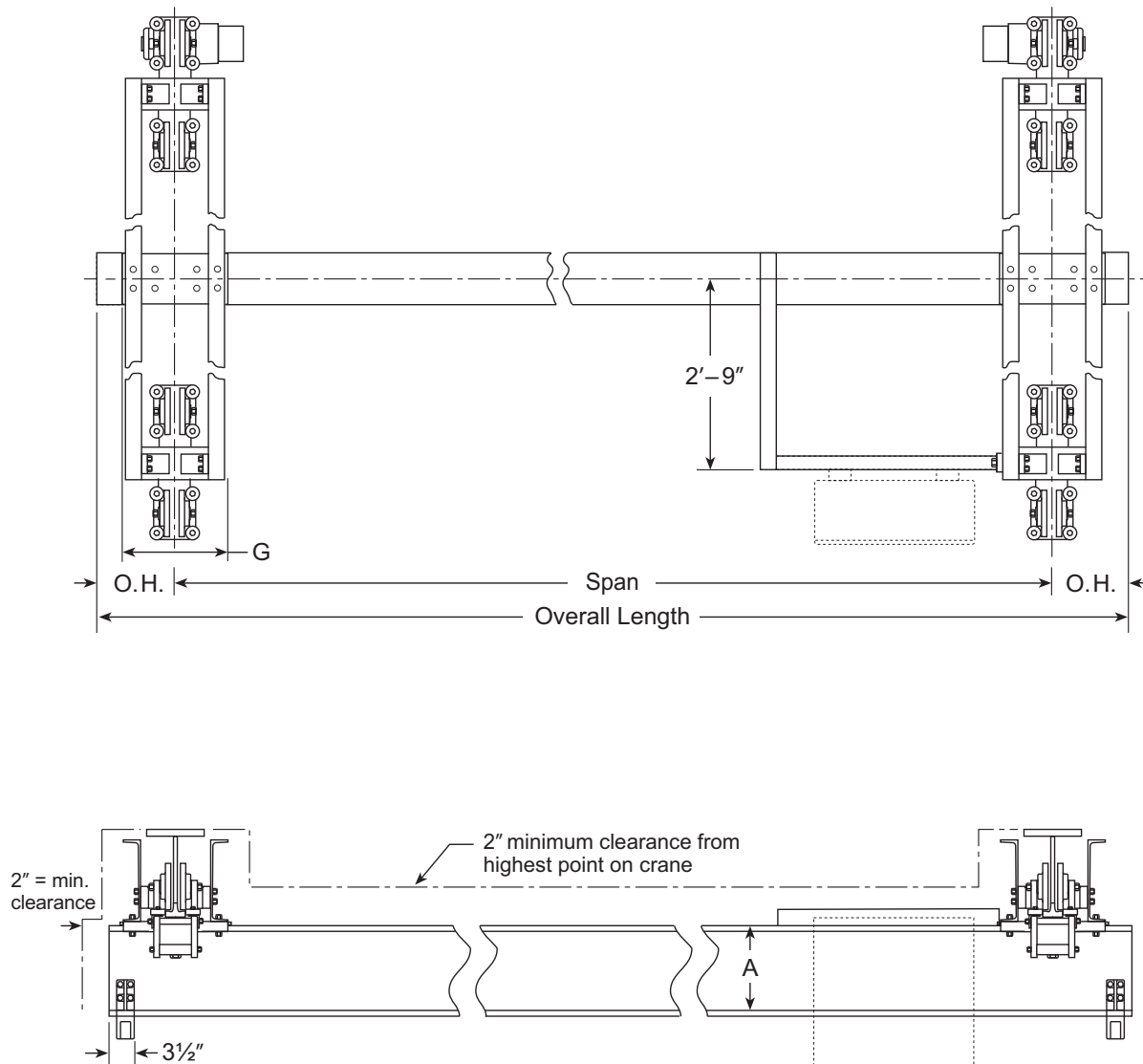
- Side Contact conductor bars
7½" gauge, through 5" dia. hoist carrier trolley wheels
9" gauge for 6½" dia. wheels

Crane Interlocks

For Electrified or Non-electrified cranes

- 3I-9A Standard—requires 3RH14-41 Bridge Rail
(For larger rail, add for step cut.)
- 3I-9B Optional—requires 3RH16-47 Bridge Rail
(For larger rail, add for step cut.)

See "Crane Interlocks" on page F-99 for more information.





3C-20000-DM Dual Motor Driven Crane

Span (feet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		HP each Motor @ 100FPM	Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.		
10	3ET-38000-8SRB	3RH13-36*	12½"	12½"	11"	13⅝"	18"	¾	3172 lbs.
12	3ET-38000-8SRB	3RH14-41	13⅝"	13⅝"	11"	13⅝"	18"	¾	3315 lbs.
14	3ET-38000-8SRB	3RH18-52	17⅝"	17⅝"	11"	13⅝"	18"	¾	3574 lbs.
16	3ET-38000-8SRB	3RH18-52	17⅝"	17⅝"	11"	13⅝"	18"	¾	3679 lbs.
18	3ET-38000-8SRB	3RH18-52	17⅝"	17⅝"	11"	13⅝"	18"	¾	3784 lbs.
20	3ET-38000-8SRB	3RH20-67	19⅝"	19⅝"	11"	13⅝"	18"	¾	4219 lbs.
22	3ET-38000-8SRB	3RH20-67	19⅝"	19⅝"	11"	13⅝"	18"	¾	4354 lbs.
24	3ET-38000-8SRB	3RH20-67	19⅝"	19⅝"	11"	13⅝"	18"	¾	4489 lbs.
26	3ET-38000-8SRB	3RH22-74	21⅝"	21⅝"	11"	13⅝"	18"	¾	4624 lbs.
28	3ET-38000-8SRB	3RH22-74	21⅝"	21⅝"	11"	13⅝"	18"	¾	4977 lbs.
30	3ET-38000-8SRB	3RH24-84	23⅝"	23⅝"	11"	13⅝"	18"	1	5446 lbs.
32	3ET-38000-8SRB	3RH24-84	23⅝"	23⅝"	11"	13⅝"	18"	1	5615 lbs.
34	3ET-38000-8SRB	3RH26-90	25⅝"	25⅝"	11"	13⅝"	18"	1	6000 lbs.
36	3ET-38000-8SRB	3RH26-90	25⅝"	25⅝"	11"	13⅝"	18"	1	6181 lbs.
38	3ET-38000-8SRB	3RH28-93	27⅝"	27⅝"	11"	13⅝"	18"	1	6482 lbs.
40	3ET-38000-8SRB	3RH30-110	29⅝"	29⅝"	11"	13⅝"	18"	1	7383 lbs.
42	3ET-38000-8SRB	3RH30-110	29⅝"	29⅝"	11"	13⅝"	18"	1	7604 lbs.
44	3ET-38000-8SRB	3RH30-110	29⅝"	29⅝"	11"	13⅝"	18"	1	7825 lbs.
46	3ET-38000-8SRB	3RH30-110	29⅝"	29⅝"	11"	13⅝"	18"	1	8052 lbs.
48	3ET-38000-8SRB	3RH32-120	31⅝"	31⅝"	11"	13⅝"	18"	1½	8773 lbs.
50	3ET-38000-8SRB	3RH32-120	31⅝"	31⅝"	11"	13⅝"	18"	1½	9014 lbs.
52	3ET-38000-8SRB	3RH32-120	31⅝"	31⅝"	11"	13⅝"	18"	1½	9255 lbs.
54	3ET-38000-8SRB	3RH34-130	33⅝"	33⅝"	11"	13⅝"	18"	1½	10,056 lbs.
56	3ET-38000-8SRB	3RH34-130	33⅝"	33⅝"	11"	13⅝"	18"	1½	10,317 lbs.
58	3ET-38000-8SRB	3RH36-140	35⅝"	35⅝"	11"	13⅝"	18"	1½	11,178 lbs.
60	3ET-38000-8SRB	3RH36-140	35⅝"	35⅝"	11"	13⅝"	18"	1½	11,459 lbs.

* Replace 3RH13-36 with 3RH14-41 if adding interlock. Step cut larger rails to 14" or 16". Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

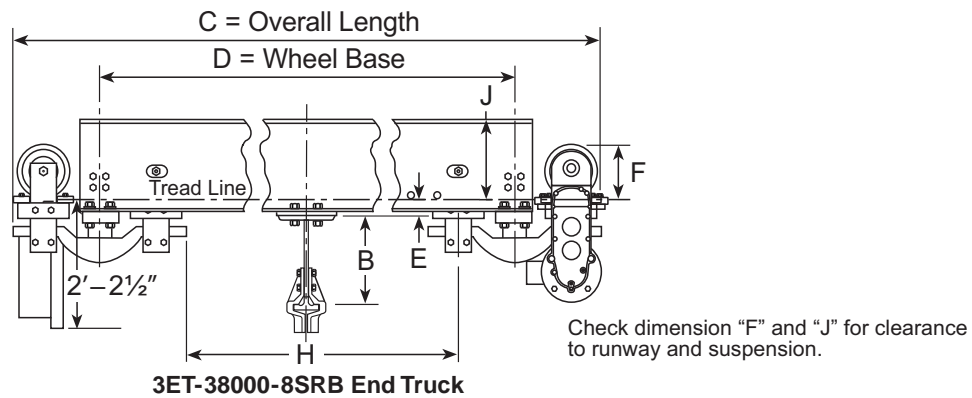
Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 18" with 3I-9A or 3I-9B interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

3C-20000-DM End Truck Specifications*

Model Number	Dimensions (inches)								# of 2-Wheel Trolley	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G	H	J	K			
3ET-38000-8SRB	99½"	72"	2½"	9"	19"	44½"	8"	19"	4	38,000 lbs.	1306 lbs.

* See "325 Series Crane End Trucks" on page G-9 for more information.

† Maximum load on 2-wheel trolley on 325 "L" Series Rail cannot exceed 5500 pounds (2750 pounds per wheel)
Maximum load on 2-wheel trolley on 325 "H" Series Rail cannot exceed 10000 pounds (5000 pounds per wheel).





Double Girder Cranes

Standard double girder cranes have two bridge beams, laced together with cross braces to assure a rigid structure and maintain the bridge gauge, supported by standard wheelbase end trucks. Standard 2-ton through 10-ton capacity double girder cranes have two motorized and two non-motorized end trucks. Standard 15- and 20-ton double girder cranes have 4 motorized end trucks.

Typical crane configuration shown below. See the following pages for specifications by capacity and span. For multiple run-way cranes, or cranes with special long wheelbase end trucks and two bridges mounted on each end truck, contact TC/A sales.

Crane Conductor Bars

- 7½" gauge, through 5" dia. hoist carrier trolley wheels, requires minimum 3RL11-21 bridge beam
- 9" gauge for 6½" dia. wheels

Crane Interlocks

Note 3I-9A or 3I-9B Interlocks are recommended on all interlocking double girder cranes, which require "H" Series bridge beams.

- Electrified or Non-electrified cranes:
Model 3I-9A Interlock—requires 3RH14-41 bridge beam
(add for step cuts if larger rail)
Model 3I-9B Interlock—requires 3RH16-47 bridge beam
(add for step cuts if larger rail)
- See "Crane Interlocks" on page F-99 for more information.

Maximum Load on 2 Wheel Trolley

- 325 "L" Series Rail cannot exceed 5500 pounds (2750 pounds per wheel)
- 325 "H" Series Rail cannot exceed 10000 pounds (5000 pounds per wheel)

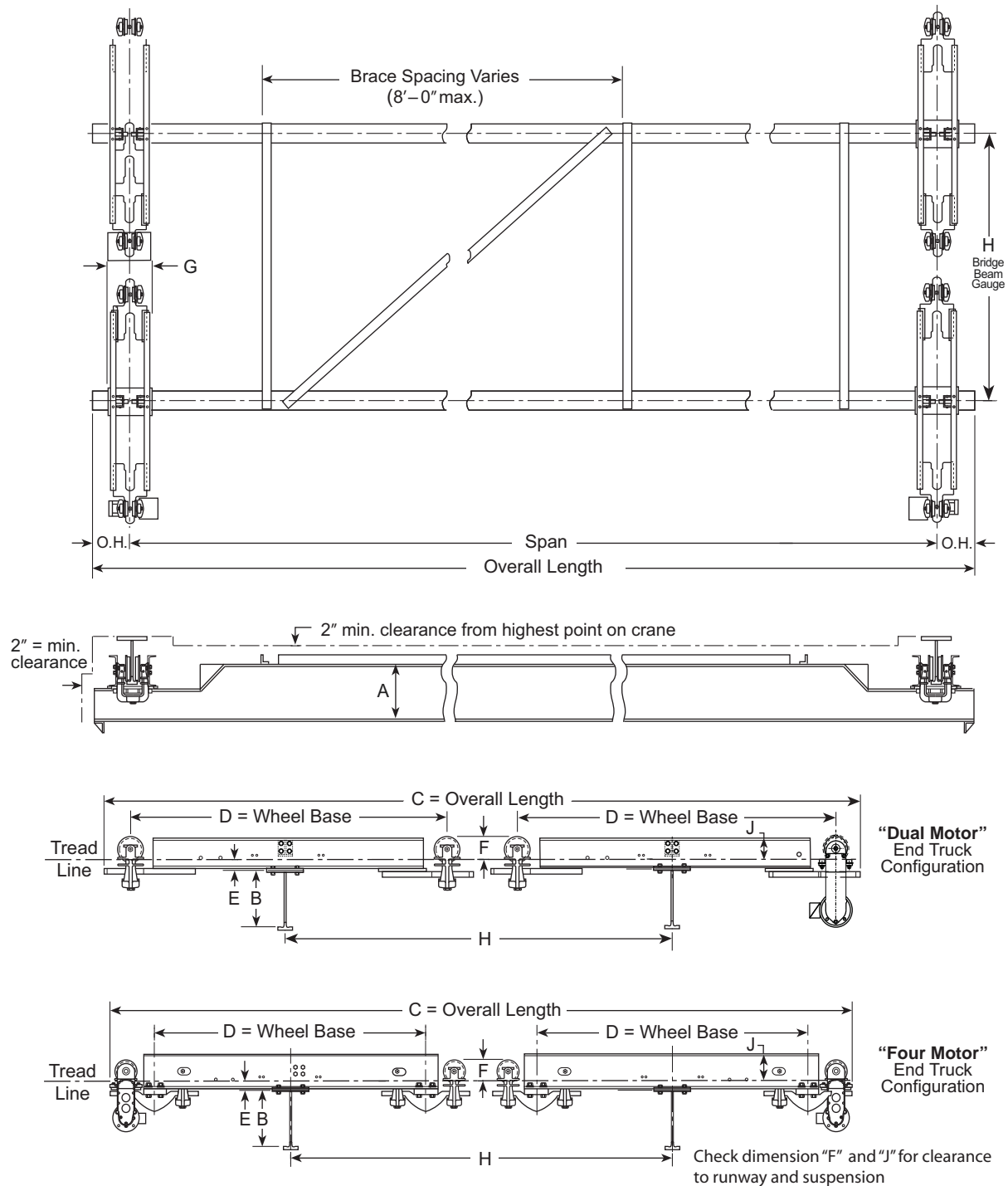
Double Girder Specifications

Model	Capacity	Crane End Load*	Impact	Hoist	Carrier
3C-2000-DGDM	2000 lbs..	5000 lbs.	300 lbs.	800 lbs.	1900 lbs.
3C-4000-DGDM	4000 lbs..	7600 lbs.	600 lbs.	1000 lbs.	2000 lbs.
3C-6000-DGDM	6000 lbs..	10,100 lbs.	900 lbs.	1100 lbs.	2100 lbs.
3C-10000-DGDM	10,000 lbs..	15,600 lbs.	1500 lbs.	1600 lbs.	2500 lbs.
3C-15000-DGDM	15,000 lbs..	22,650 lbs.	2250 lbs.	2400 lbs.	3000 lbs.
3C-20000-DGDM	20,000 lbs..	29,000 lbs.	3000 lbs.	2900 lbs.	3500 lbs.
3C-30000-DGDM	30,000 lbs..	42,200 lbs.	4500 lbs.	3200 lbs.	4500 lbs.
3C-40000-DGDM	40,000 lbs..	56,000 lbs.	6000 lbs.	4500 lbs.	5500 lbs.

* Capacity (live load) + impact + hoist + carrier

Total End Load

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.



Double Girder Crane Clearance Drawing



Model 3C-2000-DGDM Double Girder Dual Motor Crane

Span (feet)	End Truck Models	Bridge Beam*		Non-Interlocking		Interlocking		HP each Motor @ 100 FPM†	Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.		
20	3ET-9000-4/-4AT	3RL8-18**	7 ³ / ₈ "	7 ³ / ₈ "	8"	13 ⁵ / ₈ "	14"	½	2907 lbs.
22	3ET-9000-4/-4AT	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	8"	13 ⁵ / ₈ "	14"	½	3174 lbs.
24	3ET-9000-4/-4AT	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	8"	13 ⁵ / ₈ "	14"	½	3309 lbs.
26	3ET-9000-4/-4AT	3RL11-24	10½"	10½"	8"	13 ⁵ / ₈ "	14"	½	3612 lbs.
28	3ET-9000-4/-4AT	3RL11-24	10½"	10½"	8"	13 ⁵ / ₈ "	14"	½	3759 lbs.
30	3ET-9000-4/-4AT	3RL13-27	12½"	12½"	8"	13 ⁵ / ₈ "	14"	½	4098 lbs.
32	3ET-9000-4/-4AT	3RL13-27	12½"	12½"	8"	13 ⁵ / ₈ "	14"	½	4257 lbs.
34	3ET-9000-4/-4AT	3RL13-27	12½"	12½"	8"	13 ⁵ / ₈ "	14"	½	4416 lbs.
36	3ET-9000-4/-4AT	3RL14-35	13½"	13½"	8"	13 ⁵ / ₈ "	14"	½	5183 lbs.
38	3ET-9000-4/-4AT	3RH16-47	15 ⁵ / ₁₆ "	15 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	6334 lbs.
40	3ET-9000-4/-4AT	3RH16-47	15 ⁵ / ₁₆ "	15 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	6573 lbs.
42	3ET-9000-4/-4AT	3RH18-52	17 ⁵ / ₁₆ "	17 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	7252 lbs.
44	3ET-9000-4/-4AT	3RH18-52	17 ⁵ / ₁₆ "	17 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	7511 lbs.
46	3ET-9000-4/-4AT	3RH18-52	17 ⁵ / ₁₆ "	17 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	7770 lbs.
48	3ET-9000-4/-4AT	3RH20-67	19 ⁵ / ₁₆ "	19 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	9529 lbs.
50	3ET-9000-4/-4AT	3RH20-67	19 ⁵ / ₁₆ "	19 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	9848 lbs.
52	3ET-9000-4/-4AT	3RH20-67	19 ⁵ / ₁₆ "	19 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	10,167 lbs.
54	3ET-9000-4/-4AT	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	11,270 lbs.
56	3ET-9000-4/-4A	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	¾	11,617 lbs.
58	3ET-9000-4/-4A	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	¾	11,964 lbs.
60	3ET-9000-4/-4A	3RH24-84	23 ⁵ / ₁₆ "	23 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	¾	13,551 lbs.

* Minimum Bridge Beam 3RH14-41 for interlocks. Step cut larger rails to 14" or 16". Add weight and cost for change.

** For crane with side contact conductors, minimum bridge size is 3RL11-21. Add weight and cost for change.

† For more than 100 FPM, or for higher horsepower, use "A" drive.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam, cross bracing and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 14" with 3L-9A or 3L-9B interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

Clearance Dimensions*

Crane	C	D	E	F	G	H	J
3C-2000-DGDM	180"	72"	2½"	5 ⁷ / ₁₆ "	15¼"	96"	5"

* See "325 Series Crane End Trucks" on page G-9 for more information.

See "Double Girder Crane Clearance Drawing" on page F-78.



Model 3C-4000-DGDM Double Girder Dual Motor Crane

Span(f eet)	End Truck Models	Bridge Beam*		Non-Interlocking		Interlocking		HP each Motor @ 100 FPM†	Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.		
20	3ET-9000-4/-4AT	3RL11-21	10 ³ / ₈ "	10 ³ / ₈ "	8"	13 ⁵ / ₈ "	14"	½	3039 lbs.
22	3ET-9000-4/-4AT	3RL11-24	10 ¹ / ₂ "	10 ¹ / ₂ "	8"	13 ⁵ / ₈ "	14"	½	3318 lbs.
24	3ET-9000-4/-4AT	3RL11-24	10 ¹ / ₂ "	10 ¹ / ₂ "	8"	13 ⁵ / ₈ "	14"	½	3465 lbs.
26	3ET-9000-4/-4AT	3RL11-24	10 ¹ / ₂ "	10 ¹ / ₂ "	8"	13 ⁵ / ₈ "	14"	½	3612 lbs.
28	3ET-9000-4/-4AT	3RL13-27	12 ¹ / ₂ "	12 ¹ / ₂ "	8"	13 ⁵ / ₈ "	14"	½	3939 lbs.
30	3ET-9000-4/-4AT	3RL13-27	12 ¹ / ₂ "	12 ¹ / ₂ "	8"	13 ⁵ / ₈ "	14"	½	4098 lbs.
32	3ET-9000-4/-4AT	3RL13-27	12 ¹ / ₂ "	12 ¹ / ₂ "	8"	13 ⁵ / ₈ "	14"	½	4257 lbs.
34	3ET-9000-4/-4AT	3RL13-27	12 ¹ / ₂ "	12 ¹ / ₂ "	8"	13 ⁵ / ₈ "	14"	½	4416 lbs.
36	3ET-9000-4/-4AT	3RH14-41	13 ⁵ / ₈ "	13 ⁵ / ₈ "	8"	13 ⁵ / ₈ "	14"	½	5639 lbs.
38	3ET-9000-4/-4AT	3RH16-47	15 ⁵ / ₁₆ "	15 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	6334 lbs.
40	3ET-9000-4/-4AT	3RH16-47	15 ⁵ / ₁₆ "	15 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	6573 lbs.
42	3ET-9000-4/-4AT	3RH18-52	17 ⁵ / ₁₆ "	17 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	7252 lbs.
44	3ET-9000-4/-4AT	3RH18-52	17 ⁵ / ₁₆ "	17 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	7511 lbs.
46	3ET-9000-4/-4AT	3RH18-52	17 ⁵ / ₁₆ "	17 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	½	7770 lbs.
48	3ET-9000-4/-4A	3RH20-67	19 ⁵ / ₁₆ "	19 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	¾	9655 lbs.
50	3ET-9000-4/-4A	3RH20-67	19 ⁵ / ₁₆ "	19 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	¾	9974 lbs.
52	3ET-9000-4/-4A	3RH20-67	19 ⁵ / ₁₆ "	19 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	¾	10,293 lbs.
54	3ET-9000-4/-4A	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	¾	11,396 lbs.
56	3ET-9000-4/-4A	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	¾	11,743 lbs.
58	3ET-9000-4/-4A	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	¾	12,090 lbs.
60	3ET-9000-4/-4A	3RH24-84	23 ⁵ / ₁₆ "	23 ⁵ / ₁₆ "	8"	13 ⁵ / ₈ "	14"	¾	13,677 lbs.

* Minimum Bridge Beam 3RH14-41 for interlocks. Step cut larger rails to 14" or 16". Add weight and cost for change.

† For more than 100 FPM, or for higher horsepower, use "A" drive.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam, cross bracing and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 14" with 3I-9A or 3I-9B interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. Consult factory for overhangs not shown.

Clearance Dimensions*

Crane	C	D	E	F	G	H	J
3C-4000-DGDM	180"	72"	2½"	5 ⁷ / ₁₆ "	15¼"	96"	5"

* See "325 Series Crane End Trucks" on page G-9 for more information.
See "Double Girder Crane Clearance Drawing" on page F-78.



Model 3C-6000-DGDM Double Girder Dual Motor Crane

Span(feet)	End Truck Models	Bridge Beam*		Non-Interlocking		Interlocking		HP each Motor @ 100 FPM†	Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.		
20	3ET-9000-4/-4AT	3RL11-24	10½"	10½"	8"	13⅝"	14"	½	3171 lbs.
22	3ET-9000-4/-4AT	3RL11-24	10½"	10½"	8"	13⅝"	14"	½	3318 lbs.
24	3ET-9000-4/-4AT	3RL13-27	12½"	12½"	8"	13⅝"	14"	½	3621 lbs.
26	3ET-9000-4/-4AT	3RL13-27	12½"	12½"	8"	13⅝"	14"	½	3780 lbs.
28	3ET-9000-4/-4AT	3RL13-27	12½"	12½"	8"	13⅝"	14"	½	3939 lbs.
30	3ET-9000-4/-4AT	3RH14-41	13⅝"	13⅝"	8"	13⅝"	14"	½	4994 lbs.
32	3ET-9000-4/-4AT	3RH14-41	13⅝"	13⅝"	8"	13⅝"	14"	½	5209 lbs.
34	3ET-9000-4/-4AT	3RH14-41	13⅝"	13⅝"	8"	13⅝"	14"	½	5424 lbs.
36	3ET-9000-4/-4AT	3RH16-47	15⅝"	15⅝"	8"	13⅝"	14"	½	6095 lbs.
38	3ET-9000-4/-4AT	3RH16-47	15⅝"	15⅝"	8"	13⅝"	14"	½	6334 lbs.
40	3ET-9000-4/-4AT	3RH16-47	15⅝"	15⅝"	8"	13⅝"	14"	½	6573 lbs.
42	3ET-9000-4/-4A	3RH18-52	17⅝"	17⅝"	8"	13⅝"	14"	¾	7252 lbs.
44	3ET-9000-4/-4A	3RH18-52	17⅝"	17⅝"	8"	13⅝"	14"	¾	7511 lbs.
46	3ET-9000-4/-4A	3RH18-52	17⅝"	17⅝"	8"	13⅝"	14"	¾	7770 lbs.
48	3ET-9000-4/-4A	3RH20-67	19⅝"	19⅝"	8"	13⅝"	14"	¾	9655 lbs.
50	3ET-9000-4/-4A	3RH20-67	19⅝"	19⅝"	8"	13⅝"	14"	¾	9974 lbs.
52	3ET-9000-4/-4A	3RH20-67	19⅝"	19⅝"	8"	13⅝"	14"	¾	10,293 lbs.
54	3ET-9000-4/-4A	3RH22-74	21⅝"	21⅝"	8"	13⅝"	14"	¾	11,396 lbs.
56	3ET-9000-4/-4A	3RH22-74	21⅝"	21⅝"	8"	13⅝"	14"	¾	11,743 lbs.
58	3ET-9000-4/-4A	3RH22-74	21⅝"	21⅝"	8"	13⅝"	14"	¾	12,090 lbs.
60	3ET-9000-4/-4A	3RH24-84	23⅝"	23⅝"	8"	13⅝"	14"	¾	13,677 lbs.

* Minimum Bridge Beam 3RH14-41 for interlocks. Step cut larger rails to 14" or 16". Add weight and cost for change.

† For more than 100 FPM, or for higher horsepower, use "A" drive.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam, cross bracing and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 14" with 3I-9A or 3I-9B interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. Consult factory for overhangs not shown.

Clearance Dimensions*

Crane	C	D	E	F	G	H	J
3C-6000-DGDM	180"	72"	2½"	57/16"	15¼"	96"	5"

* See "325 Series Crane End Trucks" on page G-9 for more information.
See "Double Girder Crane Clearance Drawing" on page F-78.

Model 3C-10000-DGDM Double Girder Dual Motor Crane

Span (feet)	End Truck Models	Bridge Beam*		Non-Interlocking		Interlocking		HP each Motor @ 100 FPM†	Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.		
20	3ET-9000-4/-4AT	3RH13-36	12½"	12½"	9"	13⅝"	14"	½	3699 lbs.
22	3ET-9000-4/-4AT	3RH13-36	12½"	12½"	9"	13⅝"	14"	½	3894 lbs.
24	3ET-9000-4/-4AT	3RH13-36	12½"	12½"	9"	13⅝"	14"	½	4089 lbs.
26	3ET-9000-4/-4AT	3RH14-41	13⅝"	13⅝"	9"	13⅝"	14"	½	4564 lbs.
28	3ET-12400-4/-4A	3RH14-41	13⅝"	13⅝"	9"	13⅝"	14"	½	4977 lbs.
30	3ET-12400-4/-4A	3RH16-47	15⅝"	15⅝"	9"	13⅝"	14"	½	5576 lbs.
32	3ET-12400-4/-4A	3RH16-47	15⅝"	15⅝"	9"	13⅝"	14"	¾	5815 lbs.
34	3ET-12400-4/-4A	3RH18-52	17⅝"	17⅝"	9"	13⅝"	14"	¾	6414 lbs.
36	3ET-12400-4/-4A	3RH18-52	17⅝"	17⅝"	9"	13⅝"	14"	¾	6673 lbs.
38	3ET-12400-4/-4A	3RH18-52	17⅝"	17⅝"	9"	13⅝"	14"	¾	6932 lbs.
40	3ET-12400-4/-4A	3RH20-67	19⅝"	19⅝"	9"	13⅝"	14"	¾	8451 lbs.
42	3ET-12400-4/-4A	3RH20-67	19⅝"	19⅝"	9"	13⅝"	14"	¾	8770 lbs.
44	3ET-12400-4/-4A	3RH20-67	19⅝"	19⅝"	9"	13⅝"	14"	¾	9089 lbs.
46	3ET-12400-4/-4A	3RH20-67	19⅝"	19⅝"	9"	13⅝"	14"	¾	9408 lbs.
48	3ET-12400-4/-4A	3RH22-74	21⅝"	21⅝"	9"	13⅝"	14"	1	10,427 lbs.
50	3ET-12400-4/-4A	3RH22-74	21⅝"	21⅝"	9"	13⅝"	14"	1	10,774 lbs.
52	3ET-12400-4/-4A	3RH24-84	23⅝"	23⅝"	9"	13⅝"	14"	1	12,201 lbs.
54	3ET-12400-4/-4A	3RH24-84	23⅝"	23⅝"	9"	13⅝"	14"	1	12,588 lbs.
56	3ET-12400-4/-4A	3RH26-90	25⅝"	25⅝"	9"	13⅝"	14"	1	13,671 lbs.
58	3ET-12400-4/-4A	3RH26-90	25⅝"	25⅝"	9"	13⅝"	14"	1	14,082 lbs.
60	3ET-12400-4/-4A	3RH26-90	25⅝"	25⅝"	9"	13⅝"	14"	1	14,865 lbs.

* Minimum Bridge Beam 3RH14-41 for interlocks. Step cut larger rails to 14" or 16". Add weight and cost for change.

† For more than 100 FPM, or for higher horsepower, use "A" drive.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam, cross bracing and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 14" with 3I-9A or 3I-9B interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. Consult factory for overhangs not shown.

Clearance Dimensions*

Crane	C	D	E	F	G	H	J
3C-10000-DGDM	180"	72"	2½"	5⅞"	15½"	96"	6"

* See "325 Series Crane End Trucks" on page G-9 for more information.
See "Double Girder Crane Clearance Drawing" on page F-78.



Model 3C-15000-DGDM Double Girder Dual Motor Crane

Span (feet)	End Truck Models	Bridge Beam*		Non-Interlocking		Interlocking		HP each Motor @ 100 FPM	Estimated Crane Weight
		Model No.	A	B	O.H.(min)	B	O.H.		
20	3ET-16000-4/-4A	3RH13-36	12½"	12½"	9"	13⅝"	14"	¾	4061 lbs.
22	3ET-16000-4/-4A	3RH14-41	13⅝"	13⅝"	9"	13⅝"	14"	¾	4496 lbs.
24	3ET-16000-4/-4A	3RH14-41	13⅝"	13⅝"	9"	13⅝"	14"	¾	4711 lbs.
26	3ET-16000-4/-4A	3RH16-47	15⅝"	15⅝"	9"	13⅝"	14"	¾	5262 lbs.
28	3ET-16000-4/-4A	3RH18-52	17⅝"	17⅝"	9"	13⅝"	14"	¾	5801 lbs.
30	3ET-16000-4/-4A	3RH18-52	17⅝"	17⅝"	9"	13⅝"	14"	¾	6060 lbs.
32	3ET-16000-4/-4A	3RH18-52	17⅝"	17⅝"	9"	13⅝"	14"	1	6319 lbs.
34	3ET-16000-4/-4A	3RH20-67	19⅝"	19⅝"	9"	13⅝"	14"	1	7658 lbs.
36	3ET-16000-4/-4A	3RH20-67	19⅝"	19⅝"	9"	13⅝"	14"	1	7977 lbs.
38	3ET-16000-4/-4A	3RH20-67	19⅝"	19⅝"	9"	13⅝"	14"	1	8296 lbs.
40	3ET-16000-4/-4A	3RH22-74	21⅝"	21⅝"	9"	13⅝"	14"	1	9203 lbs.
42	3ET-16000-4/-4A	3RH22-74	21⅝"	21⅝"	9"	13⅝"	14"	1	9550 lbs.
44	3ET-16000-4/-4A	3RH22-74	21⅝"	21⅝"	9"	13⅝"	14"	1	9897 lbs.
46	3ET-16000-4/-4A	3RH24-84	23⅝"	23⅝"	9"	13⅝"	14"	1	11,204 lbs.
48	3ET-16000-4/-4A	3RH24-84	23⅝"	23⅝"	9"	13⅝"	14"	1	11,591 lbs.
50	3ET-16000-4/-4A	3RH26-90	25⅝"	25⅝"	9"	13⅝"	14"	1½	12,602 lbs.
52	3ET-16000-4/-4A	3RH26-90	25⅝"	25⅝"	9"	13⅝"	14"	1½	13,013 lbs.
54	3ET-16000-4/-4A	3RH28-93	27⅝"	27⅝"	9"	13⅝"	14"	1½	13,760 lbs.
56	3ET-16000-4/-4A	3RH28-93	27⅝"	27⅝"	9"	13⅝"	14"	1½	14,183 lbs.
58	3ET-16000-4/-4A	3RH30-110	29⅝"	29⅝"	9"	13⅝"	14"	1½	16,646 lbs.
60	3ET-16000-4/-4A	3RH30-110	29⅝"	29⅝"	9"	13⅝"	14"	1½	17,137 lbs.

* Minimum Bridge Beam 3RH14-41 for interlocks. Step cut larger rails to 14" or 16". Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam, cross bracing and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 14" with 3I-9A or 3I-9B interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

Clearance Dimensions*

Crane	C	D	E	F	G	H	J
3C-15000-DGDM	180"	72"	2½"	7 1/16"	15¾"	96"	7"

* See "325 Series Crane End Trucks" on page G-9 for more information.
See "Double Girder Crane Clearance Drawing" on page F-78.

Model 3C-20000-DGDM Double Girder Dual Motor Crane

Span (feet)	End Truck Models	Bridge Beam		Non-Interlocking		Interlocking		HP each Motor @ 100 FPM	Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.		
20	3ET-20000-4SR/-4SRB	3RH14-41	13 5/8"	13 5/8"	10"	13 5/8"	14"	3/4	4779 lbs.
22	3ET-20000-4SR/-4SRB	3RH16-47	15 5/16"	15 5/16"	10"	13 5/8"	14"	3/4	5282 lbs.
24	3ET-20000-4SR/-4SRB	3RH16-47	15 5/16"	15 5/16"	10"	13 5/8"	14"	3/4	5521 lbs.
26	3ET-20000-4SR/-4SRB	3RH18-52	17 5/16"	17 5/16"	10"	13 5/8"	14"	3/4	6040 lbs.
28	3ET-20000-4SR/-4SRB	3RH18-52	17 5/16"	17 5/16"	10"	13 5/8"	14"	3/4	6307 lbs.
30	3ET-20000-4SR/-4SRB	3RH20-67	19 5/16"	19 5/16"	10"	13 5/8"	14"	1	7518 lbs.
32	3ET-20000-4SR/-4SRB	3RH20-67	19 5/16"	19 5/16"	10"	13 5/8"	14"	1 1/2	7851 lbs.
34	3ET-20000-4SR/-4SRB	3RH22-74	21 5/16"	21 5/16"	10"	13 5/8"	14"	1 1/2	8674 lbs.
36	3ET-20000-4SR/-4SRB	3RH22-74	21 5/16"	21 5/16"	10"	13 5/8"	14"	1 1/2	9021 lbs.
38	3ET-20000-4SR/-4SRB	3RH22-74	21 5/16"	21 5/16"	10"	13 5/8"	14"	1 1/2	9368 lbs.
40	3ET-20000-4SR/-4SRB	3RH24-84	23 5/16"	23 5/16"	10"	13 5/8"	14"	1 1/2	10,639 lbs.
42	3ET-20000-4SR/-4SRB	3RH24-84	23 5/16"	23 5/16"	10"	13 5/8"	14"	1 1/2	11,030 lbs.
44	3ET-20000-4SR/-4SRB	3RH26-90	25 5/16"	25 5/16"	10"	13 5/8"	14"	1 1/2	11,881 lbs.
46	3ET-20000-4SR/-4SRB	3RH26-90	25 5/16"	25 5/16"	10"	13 5/8"	14"	1 1/2	12,292 lbs.
48	3ET-20000-4SR/-4SRB	3RH26-90	25 5/16"	25 5/16"	10"	13 5/8"	14"	1 1/2	12,703 lbs.
50	3ET-20000-4SR/-4SRB	3RH28-93	27 5/16"	27 5/16"	10"	13 5/8"	14"	1 1/2	13,426 lbs.
52	3ET-20000-4SR/-4SRB	3RH30-110	29 5/16"	29 5/16"	10"	13 5/8"	14"	1 1/2	15,685 lbs.
54	3ET-20000-4SR/-4SRB	3RH30-110	29 5/16"	29 5/16"	10"	13 5/8"	14"	1 1/2	16,176 lbs.
56	3ET-20000-4SR/-4SRB	3RH32-120	31 5/16"	31 5/16"	10"	13 5/8"	14"	1 1/2	17,827 lbs.
58	3ET-20000-4SR/-4SRB	3RH32-120	31 5/16"	31 5/16"	10"	13 5/8"	14"	1 1/2	18,358 lbs.
60	3ET-20000-4SR/-4SRB	3RH34-130	33 5/16"	33 5/16"	10"	13 5/8"	14"	1 1/2	20,129 lbs.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam, cross bracing and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 14" with 3I-9A or 3I-9B interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. Consult factory for overhangs not shown.

Clearance Dimensions*

Crane	C	D	E	F	G	H	J
3C-200000-DGDM	206"	72"	2 1/2"	9"	10 3/4"	120"	7"

- * See "325 Series Crane End Trucks" on page G-9 for more information.
See "Double Girder Crane Clearance Drawing" on page F-78.



Model 3C-30000-DGFM Double Girder Four Motor Crane

Span(feet)	End Truck Models	Bridge Beam		Non-Interlocking		Interlocking		HP each Motor @ 100FPM	Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.		
20	3ET-24800-8A	3RH18-52	17 ⁵ / ₁₆ "	17 ⁵ / ₁₆ "	10"	13 ⁵ / ₈ "	18"	½	5779 lbs.
22	3ET-24800-8A	3RH20-67	19 ⁵ / ₁₆ "	19 ⁵ / ₁₆ "	10"	13 ⁵ / ₈ "	18"	½	6758 lbs.
24	3ET-24800-8A	3RH20-67	19 ⁵ / ₁₆ "	19 ⁵ / ₁₆ "	10"	13 ⁵ / ₈ "	18"	½	7077 lbs.
26	3ET-24800-8A	3RH20-67	19 ⁵ / ₁₆ "	19 ⁵ / ₁₆ "	10"	13 ⁵ / ₈ "	18"	½	7396 lbs.
28	3ET-24800-8A	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	10"	13 ⁵ / ₈ "	18"	¾	8135 lbs.
30	3ET-24800-8A	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	10"	13 ⁵ / ₈ "	18"	¾	8482 lbs.
32	3ET-24800-8A	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	10"	13 ⁵ / ₈ "	18"	¾	8829 lbs.
34	3ET-24800-8A	3RH24-84	25 ⁵ / ₁₆ "	25 ⁵ / ₁₆ "	10"	13 ⁵ / ₈ "	18"	¾	9896 lbs.
36	3ET-24800-8A	3RH26-90	25 ⁵ / ₁₆ "	25 ⁵ / ₁₆ "	10"	13 ⁵ / ₈ "	18"	¾	10,739 lbs.
38	3ET-24800-8A	3RH26-90	25 ⁵ / ₁₆ "	25 ⁵ / ₁₆ "	10"	13 ⁵ / ₈ "	18"	¾	11,164 lbs.
40	3ET-24800-8A	3RH26-90	25 ⁵ / ₁₆ "	25 ⁵ / ₁₆ "	10"	13 ⁵ / ₈ "	18"	1	11,575 lbs.
42	3ET-24800-8A	3RH28-93	27 ⁵ / ₁₆ "	27 ⁵ / ₁₆ "	10"	13 ⁵ / ₈ "	18"	1	12,250 lbs.
44	3ET-24800-8A	3RH28-93	27 ⁵ / ₁₆ "	27 ⁵ / ₁₆ "	10"	13 ⁵ / ₈ "	18"	1	12,673 lbs.
46	3ET-24800-8A	3RH30-110	29 ⁵ / ₁₆ "	29 ⁵ / ₁₆ "	10"	13 ⁵ / ₈ "	18"	1	14,728 lbs.
48	3ET-24800-8A	3RH30-110	29 ⁵ / ₁₆ "	29 ⁵ / ₁₆ "	10"	13 ⁵ / ₈ "	18"	1	15,219 lbs.
50	3ET-24800-8A	3RH32-120	31 ⁵ / ₁₆ "	31 ⁵ / ₁₆ "	10"	13 ⁵ / ₈ "	18"	1	16,750 lbs.
52	3ET-24800-8A	3RH34-130	33 ⁵ / ₁₆ "	33 ⁵ / ₁₆ "	10"	13 ⁵ / ₈ "	18"	1	18,361 lbs.
54	3ET-24800-8A	3RH34-130	33 ⁵ / ₁₆ "	33 ⁵ / ₁₆ "	10"	13 ⁵ / ₈ "	18"	1	18,932 lbs.
56	3ET-28000-8A	3RH36-140	35 ⁵ / ₁₆ "	35 ⁵ / ₁₆ "	10"	13 ⁵ / ₈ "	18"	1	20,931 lbs.
58	3ET-28000-8A	3RH36-140	35 ⁵ / ₁₆ "	35 ⁵ / ₁₆ "	10"	13 ⁵ / ₈ "	18"	1	21,542 lbs.
60	3ET-28000-8A	3RH38-144	37 ⁵ / ₁₆ "	37 ⁵ / ₁₆ "	10"	13 ⁵ / ₈ "	18"	1	22,649 lbs.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam, cross bracing and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 18" with 3I-9A or 3I-9B interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. Consult factory for overhangs not shown.

Clearance Dimensions*

Crane	C	D	E	F	G	H	J
3C-30000-DGFM (w/3ET-24800-8A)	215"	72"	2½"	57/16"	18¼"	120"	7"
3C-30000-DGFM (w/3ET-28000-8A)	215"	72"	2½"	71/16"	18½"	120"	8"

- * See "325 Series Crane End Trucks" on page G-9 for more information.
See "Double Girder Crane Clearance Drawing" on page F-78.

Model 3C-40000-DGFM Double Girder Four Motor Crane

Span(f eet)	End Truck Models	Bridge Beam		Non-Interlocking		Interlocking		HP each Motor @ 100FPM	Estimated Crane Weight
		Model No.	A	B	O.H. (min)	B	O.H.		
20	3ET-38000-8SRB	3RH20-67	19 ⁵ / ₁₆ "	19 ⁵ / ₁₆ "	11"	13 ⁵ / ₈ "	18"	³ / ₄	8807 lbs
22	3ET-38000-8SRB	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	11"	13 ⁵ / ₈ "	18"	³ / ₄	9462 lbs
24	3ET-38000-8SRB	3RH22-74	21 ⁵ / ₁₆ "	21 ⁵ / ₁₆ "	11"	13 ⁵ / ₈ "	18"	³ / ₄	9809 lbs
26	3ET-38000-8SRB	3RH24-84	23 ⁵ / ₁₆ "	23 ⁵ / ₁₆ "	11"	13 ⁵ / ₈ "	18"	³ / ₄	10,716 lbs
28	3ET-38000-8SRB	3RH24-84	23 ⁵ / ₁₆ "	23 ⁵ / ₁₆ "	11"	13 ⁵ / ₈ "	18"	³ / ₄	11,103 lbs
30	3ET-38000-8SRB	3RH26-90	25 ⁵ / ₁₆ "	25 ⁵ / ₁₆ "	11"	13 ⁵ / ₈ "	18"	³ / ₄	11,882 lbs
32	3ET-38000-8SRB	3RH26-90	25 ⁵ / ₁₆ "	25 ⁵ / ₁₆ "	11"	13 ⁵ / ₈ "	18"	1	12,293 lbs
34	3ET-38000-8SRB	3RH28-93	27 ⁵ / ₁₆ "	27 ⁵ / ₁₆ "	11"	13 ⁵ / ₈ "	18"	1	12,920 lbs
36	3ET-38000-8SRB	3RH28-93	27 ⁵ / ₁₆ "	27 ⁵ / ₁₆ "	11"	13 ⁵ / ₈ "	18"	1	13,349 lbs
38	3ET-38000-8SRB	3RH30-110	29 ⁵ / ₁₆ "	29 ⁵ / ₁₆ "	11"	13 ⁵ / ₈ "	18"	1½	15,132 lbs
40	3ET-38000-8SRB	3RH30-110	29 ⁵ / ₁₆ "	29 ⁵ / ₁₆ "	11"	13 ⁵ / ₈ "	18"	1½	15,632 lbs
42	3ET-38000-8SRB	3RH32-120	31 ⁵ / ₁₆ "	31 ⁵ / ₁₆ "	11"	13 ⁵ / ₈ "	18"	1½	16,994 lbs
44	3ET-38000-8SRB	3RH32-120	31 ⁵ / ₁₆ "	31 ⁵ / ₁₆ "	11"	13 ⁵ / ₈ "	18"	1½	17,525 lbs
46	3ET-38000-8SRB	3RH34-130	33 ⁵ / ₁₆ "	33 ⁵ / ₁₆ "	11"	13 ⁵ / ₈ "	18"	1½	19,016 lbs
48	3ET-38000-8SRB	3RH34-130	33 ⁵ / ₁₆ "	33 ⁵ / ₁₆ "	11"	13 ⁵ / ₈ "	18"	1½	19,587 lbs
50	3ET-38000-8SRB	3RH36-140	35 ⁵ / ₁₆ "	35 ⁵ / ₁₆ "	11"	13 ⁵ / ₈ "	18"	1½	21,198 lbs
52	3ET-38000-8SRB	3RH36-140	35 ⁵ / ₁₆ "	35 ⁵ / ₁₆ "	11"	13 ⁵ / ₈ "	18"	1½	21,809 lbs
54	3ET-38000-8SRB	3RH38-144	37 ⁵ / ₁₆ "	37 ⁵ / ₁₆ "	11"	13 ⁵ / ₈ "	18"	1½	22,868 lbs
56	3ET-38000-8SRB	3RH40-154	39 ⁵ / ₁₆ "	39 ⁵ / ₁₆ "	11"	13 ⁵ / ₈ "	18"	1½	24,655 lbs
58	3ET-38000-8SR	3RH40-154	39 ⁵ / ₁₆ "	39 ⁵ / ₁₆ "	11"	13 ⁵ / ₈ "	18"	1½	25,322 bs

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam, cross bracing and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

Standard Crane Bridge Overhang (O.H.) = 12". Overhang required for Interlocking Cranes with these end trucks = 18" with 3I-9A or 3I-9B interlock in "H" Series rail. Minimum O.H. shown allows for width of end truck. Consult factory for overhangs not shown.

Clearance Dimensions*

Crane	C	D	E	F	G	H	J
3C-40000-DGFM	219½"	72"	2½"	9"	19"	120"	8"

* See "325 Series Crane End Trucks" on page G-9 for more information.
See "Double Girder Crane Clearance Drawing" on page F-78.



450 Series Cranes

Model 45C-10000-DM Dual Motor Crane

10000 lb. capacity

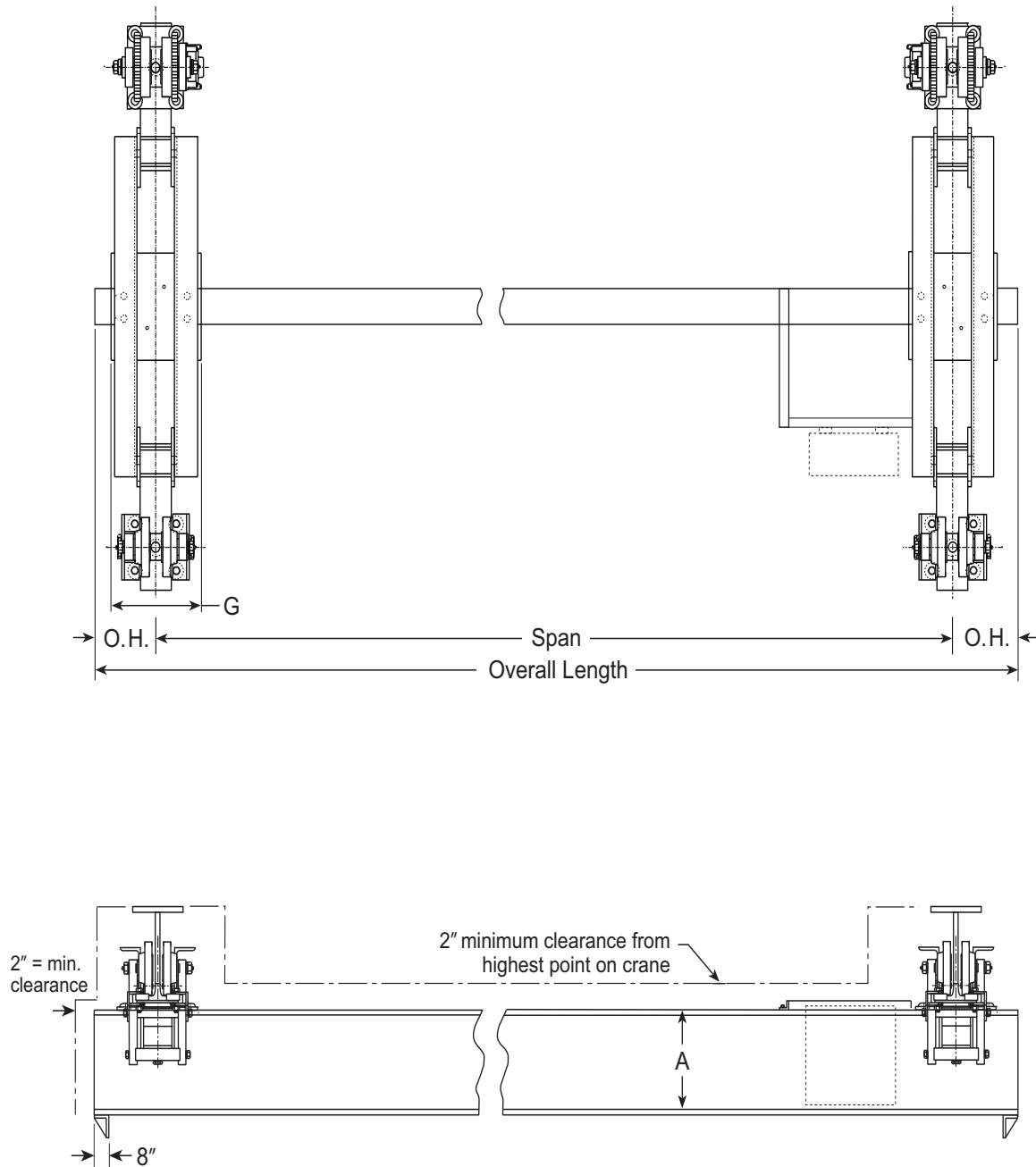
Crane design load = 14,000 lbs. (Live Load 10,000 lbs.
+ 1500 lb. impact + 2500 lb. hoist & trolley)

Crane Conductor Bars

- Use Bottom Contact Shielded Channel-Bar

Crane Interlocks

- Standard Motor Operated Interlock 45I-9C. Requires minimum 45R20-79 Bridge. Add for this size rail if required. Add step cuts for deeper rail.
- See "Crane Interlocks" on page F-99 for more information.





45C-10000-DM Dual Motor Crane

Span(f eet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		HP each Motor @ 100 FPM	Estimated Crane Weight
		Model No.	A	B	O.H.(min.)	B	O.H.		
20	45ET-30000-4SRC	45R14-57*	13¼"	13¼"	8"	19½"	24"	¾	3482 lbs.
22	45ET-30000-4SRC	45R14-57*	13¼"	13¼"	8"	19½"	24"	¾	3598 lbs.
24	45ET-30000-4SRC	45R14-57*	13¼"	13¼"	8"	19½"	24"	¾	3713 lbs.
26	45ET-30000-4SRC	45R14-57*	13¼"	13¼"	8"	19½"	24"	¾	3829 lbs.
28	45ET-30000-4SRC	45R14-57*	13¼"	13¼"	8"	19½"	24"	¾	3944 lbs.
30	45ET-30000-4SRC	45R14-57*	13¼"	13¼"	8"	19½"	24"	¾	4060 lbs.
32	45ET-30000-4SRC	45H16-62*	15¼"	15¼"	8"	19½"	24"	¾	4350 lbs.
34	45ET-30000-4SRC	45R16-62*	15¼"	15¼"	8"	19½"	24"	¾	4476 lbs.
36	45ET-30000-4SRC	45R18-73*	17½"	17½"	8"	19½"	24"	¾	5030 lbs.
38	45ET-30000-4SRC	45R18-73*	17½"	17½"	8"	19½"	24"	¾	5178 lbs.
40	45ET-30000-4SRC	45R18-73*	17½"	17½"	8"	19½"	24"	¾	5325 lbs.
42	45ET-30000-4SRC	45R18-73*	17½"	17½"	8"	19½"	24"	¾	5473 lbs.
44	45ET-30000-4SRC	45R20-79	19½"	19½"	8"	19½"	24"	¾	5902 lbs.
46	45ET-30000-4SRC	45R20-79	19½"	19½"	8"	19½"	24"	¾	6062 lbs.
48	45ET-30000-4SRC	45R20-79	19½"	19½"	8"	19½"	24"	¾	6221 lbs.
50	45ET-30000-4SRC	45R24-101	23½"	23½"	8"	19½"	24"	¾	7547 lbs.
52	45ET-30000-4SRC	45R24-101	23½"	23½"	8"	19½"	24"	¾	7750 lbs.
54	45ET-30000-4SRC	45R24-101	23½"	23½"	8"	19½"	24"	¾	7954 lbs.
56	45ET-30000-4SRC	45R24-101	23½"	23½"	8"	19½"	24"	¾	8157 lbs.
58	45ET-30000-4SRC	45R26-109	25½"	25½"	8"	19½"	24"	¾	8849 lbs.
60	45ET-30000-4SRC	45R26-109	25½"	25½"	8"	19½"	24"	¾	9068 lbs.
62	45ET-30000-4SRLC	45R26-109	25½"	25½"	8"	19½"	24"	¾	9820 lbs.
64	45ET-30000-4SRLC	45R28-129	27½"	27½"	8"	19½"	24"	¾	11,379 lbs.
66	45ET-30000-4SRLC	45R28-129	27½"	27½"	8"	19½"	24"	¾	11,639 lbs.
68	45ET-30000-4SRLC	45R28-129	27½"	27½"	8"	19½"	24"	1	11,908 lbs.
70	45ET-30000-4SRLC	45R30-141	29½"	29½"	8"	19½"	24"	1	13,044 lbs.

* Minimum Bridge Beam 45R20-79 for interlock .Step cut larger rails to 20". Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

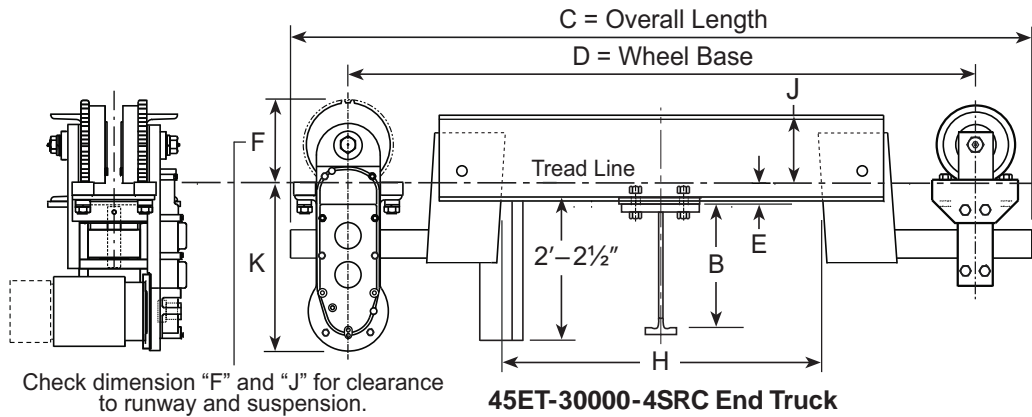
Standard Crane Bridge Overhang (O.H.) = 18". Overhang required for Interlocking Cranes with these end trucks = 24" with 45I-9A interlock in 450 Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown*

45C-10000-DM End Truck Specifications*

Model Number	Dimensions (inches)								# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G	H	J	K			
45ET-30000-4SRC	85"	72"	2½"	9 11/16"	15½"	38"	8"	19 3/16"	2	30,000 lbs.	1006 lbs.
45ET-30000-4SRLC	121"	108"	2½"	9 11/16"	15½"	74"	10"	19 3/16"	2	30,000 lbs.	1272 lbs.

* See "450 Series Crane End Trucks" on page G-23 for more information.

† Maximum load on 2-wheel trolley on 450 Series Rail cannot exceed 18000 pounds (9000 lbs. per wheel)



Model 45C-15000-DM Dual Motor Crane

15000 lb. capacity

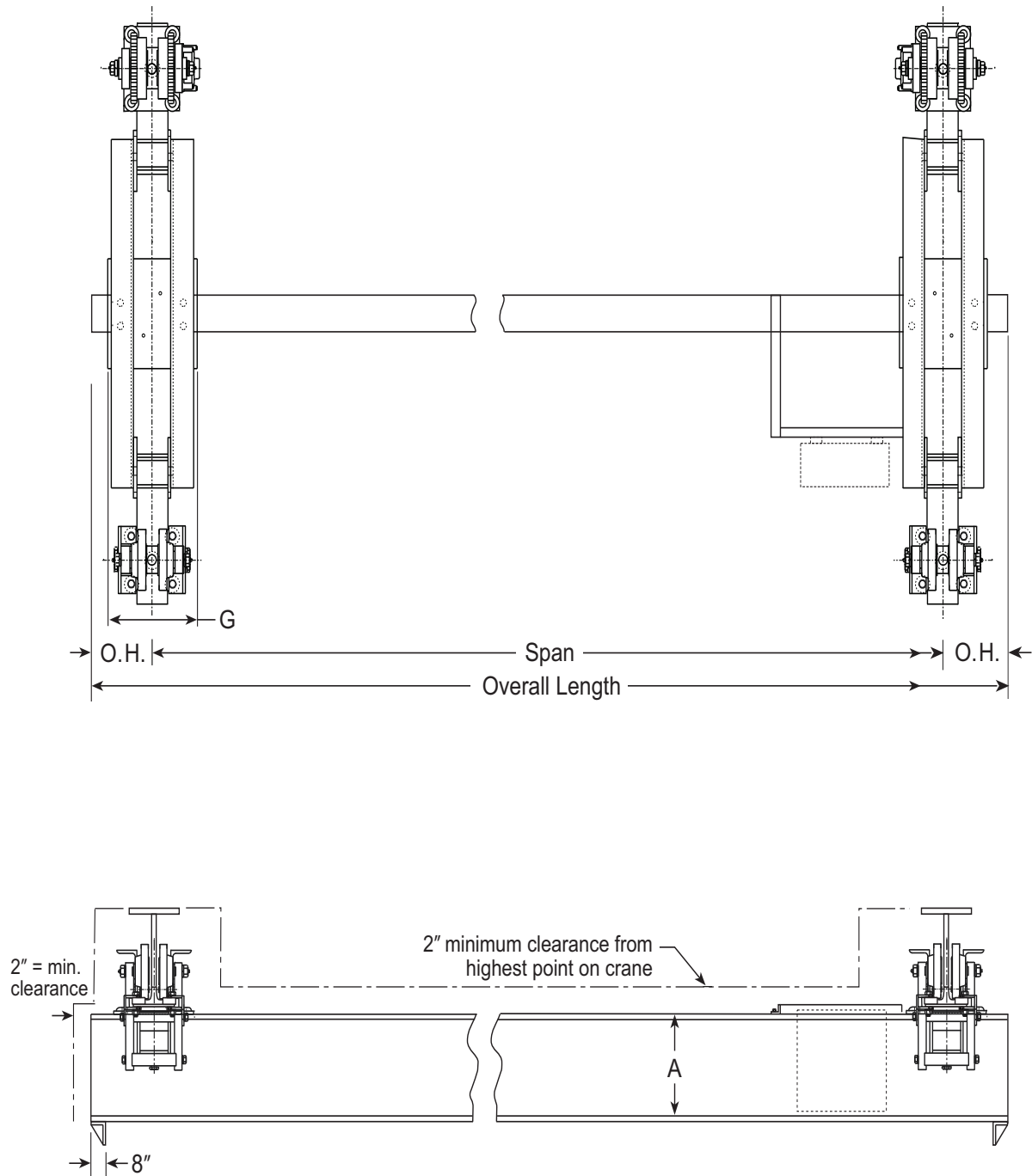
Crane design load = 20,250 lbs. (Live Load 15,000 lbs.
+ 2250 lb. impact + 3000 lb. hoist & trolley)

Crane Conductor Bars

- Use Bottom Contact Shielded Channel-Bar

Crane Interlocks

- Standard Motor Operated Interlock 45I-9C. Requires minimum 45R20-79 Bridge. Add for this size rail if required. Add step cuts for deeper rail.
- See "Crane Interlocks" on page F-99 for more information.





45C-15000-DM Dual Motor Crane

Span(f eet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		HP each Motor @ 100 FPM	Estimated Crane Weight
		Model No.	A	B	O.H. (min.)	B	O.H.		
20	45ET-30000-4SRC	45R14-57*	13¼"	13¼"	8"	19½"	24"	¾	3482 lbs.
22	45ET-30000-4SRC	45R14-57*	13¼"	13¼"	8"	19½"	24"	¾	3598 lbs.
24	45ET-30000-4SRC	45R14-57*	13¼"	13¼"	8"	19½"	24"	¾	3713 lbs.
26	45ET-30000-4SRC	45R16-62*	15¼"	15¼"	8"	19½"	24"	¾	3974 lbs.
28	45ET-30000-4SRC	45R16-62*	15¼"	15¼"	8"	19½"	24"	¾	4099 lbs.
30	45ET-30000-4SRC	45R18-73*	17½"	17½"	8"	19½"	24"	¾	4588 lbs.
32	45ET-30000-4SRC	45R18-73*	17½"	17½"	8"	19½"	24"	¾	4735 lbs.
34	45ET-30000-4SRC	45R18-73*	17½"	17½"	8"	19½"	24"	¾	4883 lbs.
36	45ET-30000-4SRC	45R20-79	19½"	19½"	8"	19½"	24"	¾	5264 lbs.
38	45ET-30000-4SRC	45R20-79	19½"	19½"	8"	19½"	24"	¾	5424 lbs.
40	45ET-30000-4SRC	45R20-79	19½"	19½"	8"	19½"	24"	¾	5583 lbs.
42	45ET-30000-4SRC	45R24-101	23½"	23½"	8"	19½"	24"	1	6743 lbs.
44	45ET-30000-4SRC	45R24-101	23½"	23½"	8"	19½"	24"	1	6946 lbs.
46	45ET-30000-4SRC	45R24-101	23½"	23½"	8"	19½"	24"	1	7150 lbs.
48	45ET-30000-4SRC	45R24-101	23½"	23½"	8"	19½"	24"	1	7353 lbs.
50	45ET-30000-4SRC	45R26-109	23½"	23½"	8"	19½"	24"	1	7981 lbs.
52	45ET-30000-4SRC	45R26-109	25½"	25½"	8"	19½"	24"	1	8200 lbs.
54	45ET-30000-4SRC	45R28-129	27½"	27½"	8"	19½"	24"	1	9560 lbs.
56	45ET-30000-4SRC	45R28-129	27½"	27½"	8"	19½"	24"	1	9819 lbs.
58	45ET-30000-4SRC	45R28-129	27½"	27½"	8"	19½"	24"	1	10,079 lbs.
60	45ET-30000-4SRC	45R30-141	29½"	29½"	8"	19½"	24"	1	11,094 lbs.
62	45ET-30000-4SRLC	45R30-141	29½"	29½"	8"	19½"	24"	1	11,910 lbs.
64	45ET-30000-4SRLC	45R32-145	31½"	31½"	8"	19½"	24"	1	12,461 lbs.
66	45ET-30000-4SRLC	45R32-145	31½"	31½"	8"	19½"	24"	1½	12,753 lbs.
68	45ET-30000-4SRLC	45R36-166	35½"	35½"	8"	19½"	24"	1½	14,535 lbs.
70	45ET-30000-4SRLC	45R36-166	35½"	35½"	8"	19½"	24"	1½	14,869 lbs.

* Minimum Bridge Beam 45R20-79 for interlock .Step cut larger rails to 20". Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

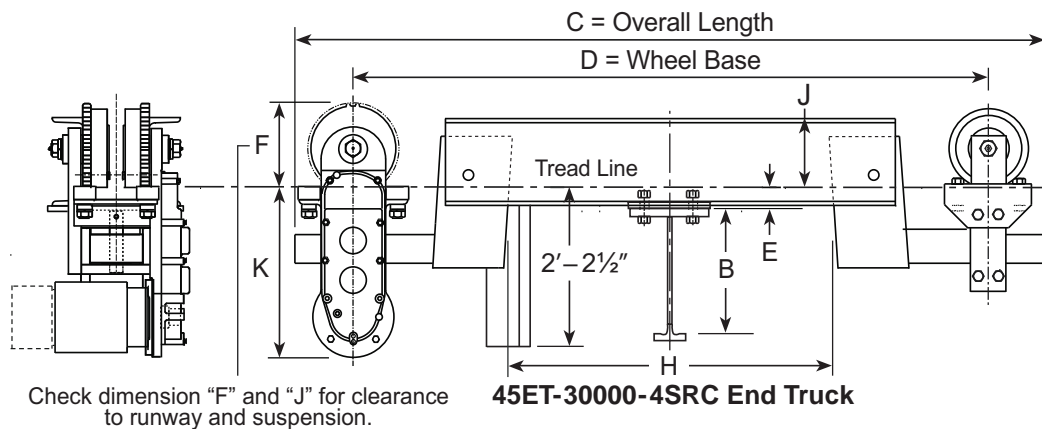
Standard Crane Bridge Overhang (O.H.) = 18". Overhang required for Interlocking Cranes with these end trucks = 24" with 45I-9A interlock in 450 Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

45C-15000-DM End Truck Specifications*

Model Number	Dimensions (inches)								# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G	H	J	K			
45ET-30000-4SRC	108"	72"	2½"	9 11/16"	15½"	38"	8"	19 3/16"	2	30,000 lbs.	1006 lbs.
45ET-30000-4SRLC	144"	108"	2½"	9 11/16"	15½"	74"	10"	19 3/16"	2	30,000 lbs.	1272 lbs.

* See "450 Series Crane End Trucks" on page G-23 for more information.

† Maximum load on 2-wheel trolley on 450 Series Rail cannot exceed 18000 pounds (9000 lbs. per wheel)





Model 45C-20000-DM Dual Motor Crane

20000 lb. capacity

Crane design load = 27,000 lbs.

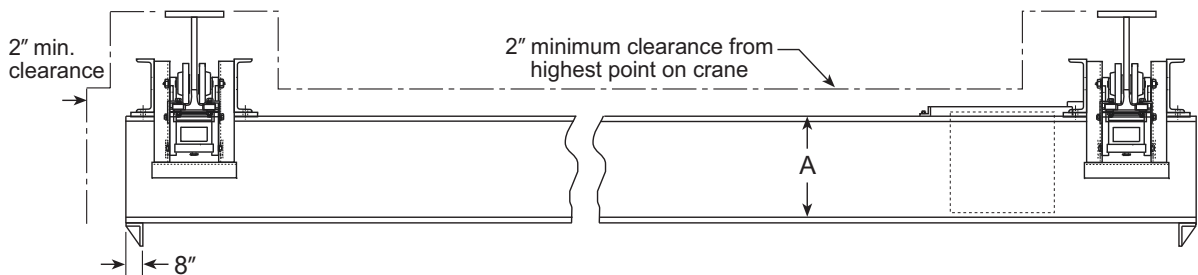
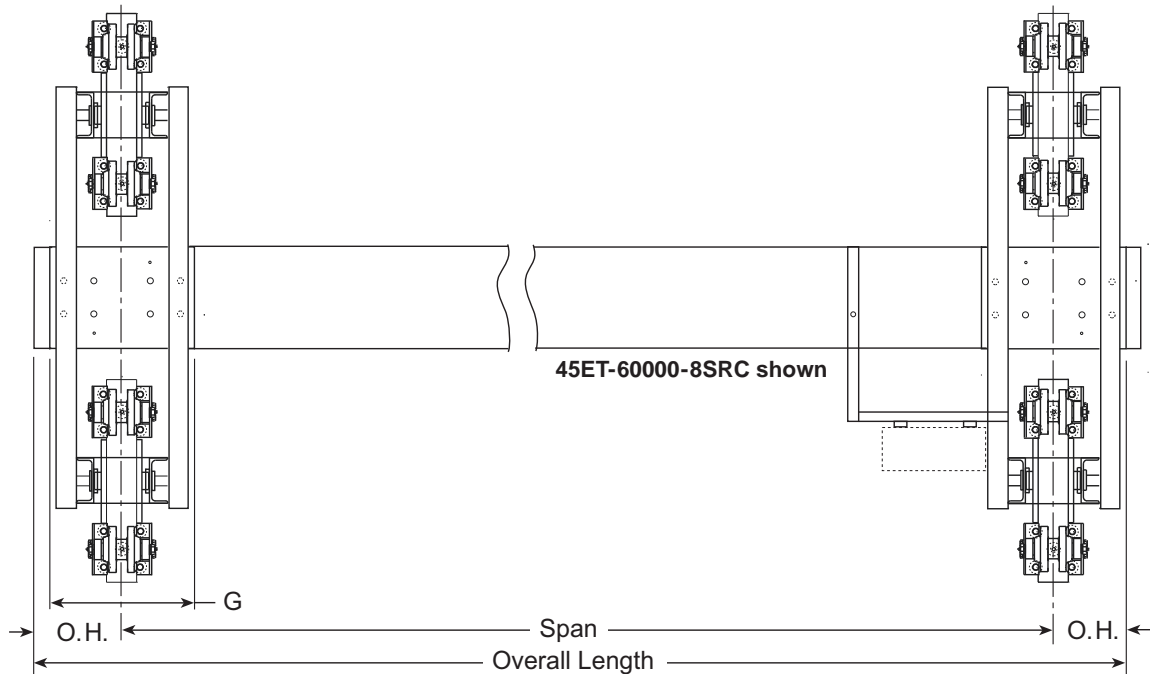
(Live Load 20,000 lbs. + 3000 lb. impact + 4000 lb. hoist & trolley)

Crane Conductor Bars

- Use Bottom Contact Shielded Channel-Bar

Crane Interlocks

- Standard Motor Operated Interlock 45I-9C. Requires minimum 45R20-79 Bridge. Add for this size rail if required. Add step cuts for deeper rail.
- See "Crane Interlocks" on page F-99 for more information.





45C-20000-DM Dual Motor Crane

Span(f eet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		HP each Motor @ 100 FPM	Estimated Crane Weight
		Model No.	A	B	O.H. (min.)	B	O.H.		
20	45ET-30000-4SRC	45R14-57*	13¼"	13¼"	8"	19½"	24"	¾	3482 lbs.
22	45ET-30000-4SRC	45R16-62*	15¼"	15¼"	8"	19½"	24"	¾	3723 lbs.
24	45ET-30000-4SRC	45R16-62*	15¼"	15¼"	8"	19½"	24"	¾	3848 lbs.
26	45ET-60000-8SRC	45R18-73*	17½"	17½"	15"	19½"	24"	¾	7255 lbs.
28	45ET-60000-8SRC	45R18-73*	17½"	17½"	15"	19½"	24"	¾	7402 lbs.
30	45ET-60000-8SRC	45R18-73*	17½"	17½"	15"	19½"	24"	1	7560 lbs.
32	45ET-60000-8SRC	45R20-79	19½"	19½"	15"	19½"	24"	1	7917 lbs.
34	45ET-60000-8SRC	45R20-79	19½"	19½"	15"	19½"	24"	1	8077 lbs.
36	45ET-60000-8SRC	45R22-81	21½"	21½"	15"	19½"	24"	1	8314 lbs.
38	45ET-60000-8SRC	45R24-101	23½"	23½"	15"	19½"	24"	1½	9298 lbs.
40	45ET-60000-8SRC	45R24-101	23½"	23½"	15"	19½"	24"	1½	9501 lbs.
42	45ET-60000-8SRC	45R24-101	23½"	23½"	15"	19½"	24"	1½	9705 lbs.
44	45ET-60000-8SRC	45R26-109	25½"	25½"	15"	19½"	24"	1½	10,284 lbs.
46	45ET-60000-8SRC	45R26-109	25½"	25½"	15"	19½"	24"	1½	10,504 lbs.
48	45ET-60000-8SRC	45R28-129	27½"	27½"	15"	19½"	24"	1½	10,723 lbs.
50	45ET-60000-8SRC	45R28-129	27½"	27½"	15"	19½"	24"	1½	12,003 lbs.
52	45ET-60000-8SRC	45R28-129	27½"	27½"	15"	19½"	24"	1½	12,262 lbs.
54	45ET-60000-8SRC	45R28-129	27½"	27½"	15"	19½"	24"	1½	12,522 lbs.
56	45ET-60000-8SRC	45R30-141	29½"	29½"	15"	19½"	24"	1½	13,489 lbs.
58	45ET-60000-8SRC	45R32-145	31½"	31½"	15"	19½"	24"	1½	14,017 lbs.
60	45ET-60000-8SRC	45R32-145	31½"	31½"	15"	19½"	24"	1½	14,308 lbs.
62	45ET-60000-8SRLC	45R36-166	35½"	35½"	15"	19½"	24"	1½	15,760 lbs.
64	45ET-60000-8SRLC	45R36-166	35½"	35½"	15"	19½"	24"	1½	17,458 lbs.
66	45ET-60000-8SRLC	45R36-166	35½"	35½"	15"	19½"	24"	1½	17,792 lbs.
68	45ET-60000-8SRLC	45R40-183	39½"	39½"	15"	19½"	24"	1½	19,332 lbs.
70	45ET-60000-8SRLC	45R40-183	39½"	39½"	15"	19½"	24"	1½	19,700 lbs.

* Minimum Bridge Beam 45R20-79 for interlock .Step cut larger rails to 20". Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

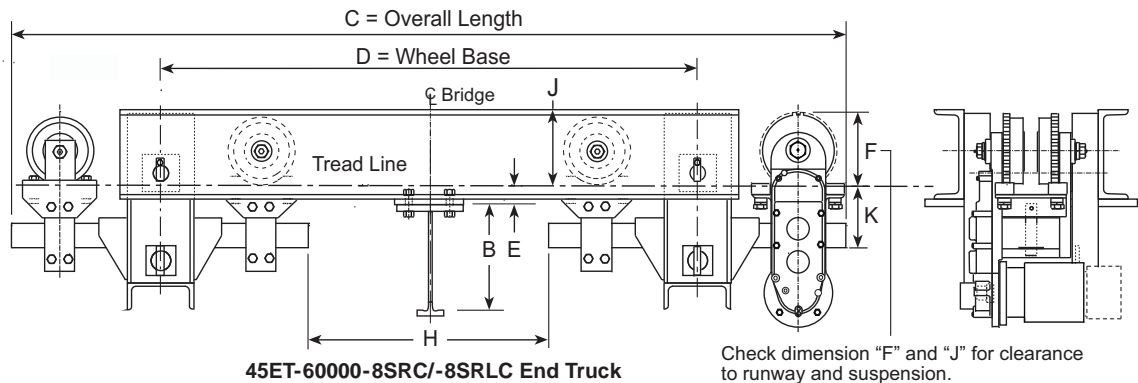
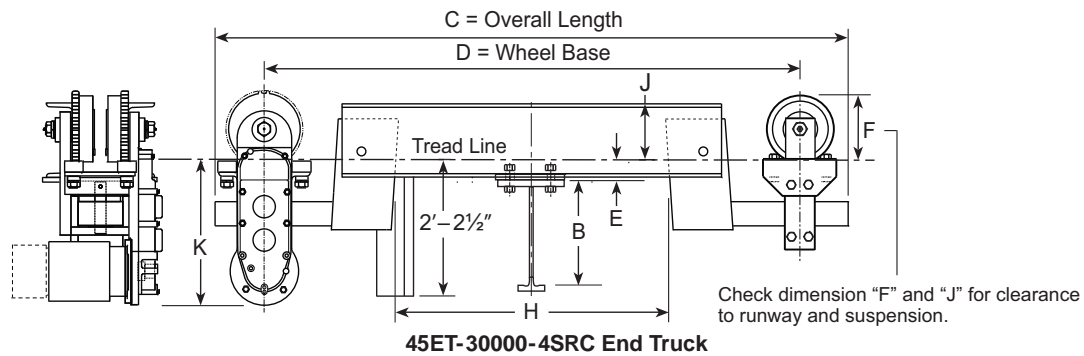
Standard Crane Bridge Overhang (O.H.) = 18". Overhang required for Interlocking Cranes with these end trucks = 24" with 45I-9A interlock in 450 Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

45C-20000-DM End Truck Specifications*

Model Number	Dimensions (inches)								# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G	H	J	K			
45ET-30000-4SRC	85"	72"	2½"	9 11/16"	15½"	38"	8"	19 3/16"	2	30,000 lbs.	1006 lbs.
45ET-60000-8SRC	112"	72"	3"	9 11/16"	28½"	32"	10"	19 3/16"	4	60,000 lbs.	2494 lbs.
45ET-60000-8SRLC	144"	108"	3"	9 11/16"	28½"	68"	16"	19 3/16"	4	60,000 lbs.	3074 lbs.

* See "450 Series Crane End Trucks" on page G-23 for more information.

† Maximum load on 2-wheel trolley on 450 Series Rail cannot exceed 18000 pounds (9000 lbs. per wheel)



Model 45C-30000-DM Dual Motor Crane

30000 lb. capacity

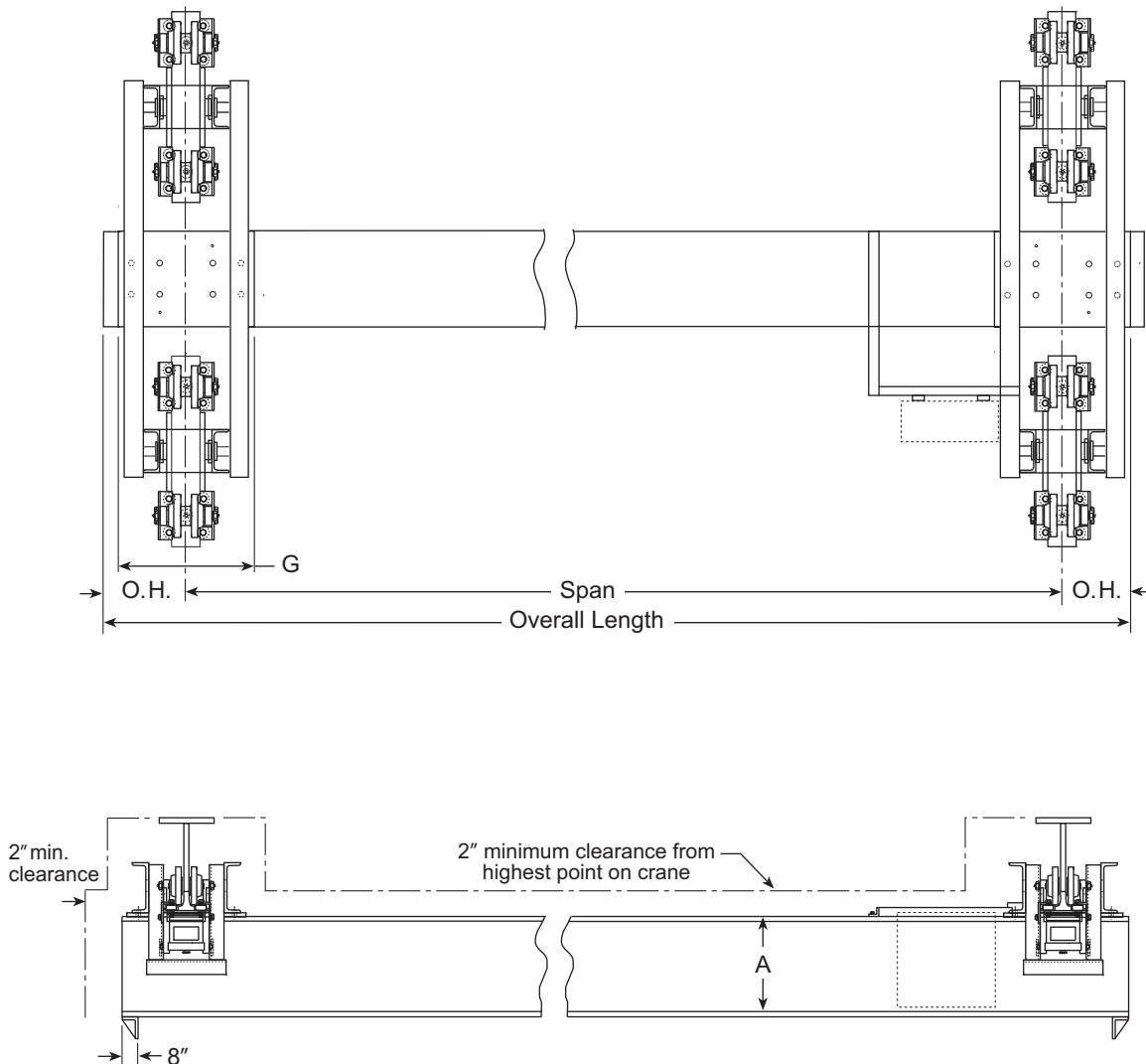
Crane design load = 42,200 lbs. (Live Load 30,000 lbs.
+ 4500 lb. impact + 6000 lb. hoist & trolley)

Crane Conductor Bars

- Use Bottom Contact Shielded Channel-Bar

Crane Interlocks

- Standard Motor Operated Interlock 45I-9C.
Requires minimum 45R20-79 Bridge.
Add for this size rail if required. Add step cuts for deeper rail.
- See "Crane Interlocks" on page F-99 for more information.





45C-30000-DM Dual Motor Crane

Span(f eet)	End Truck Model	Bridge Beam		Non-Interlocking		Interlocking		HP each Motor @ 100 FPM	Estimated Crane Weight
		Model No.	A	B	O.H. (min.)	B	O.H.		
20	45ET-60000-8SRC	45R18-73*	17 ¹ / ₈ "	17 ¹ / ₈ "	15"	19 ¹ / ₈ "	24"	1	6822 lbs.
22	45ET-60000-8SRC	45R20-79	19 ¹ / ₈ "	19 ¹ / ₈ "	15"	19 ¹ / ₈ "	24"	1	7120 lbs.
24	45ET-60000-8SRC	45R20-79	19 ¹ / ₈ "	19 ¹ / ₈ "	15"	19 ¹ / ₈ "	24"	1	7279 lbs.
26	45ET-60000-8SRC	45R22-81	21 ¹ / ₈ "	21 ¹ / ₈ "	15"	19 ¹ / ₈ "	24"	1	7660 lbs.
28	45ET-60000-8SRC	45R22-81	21 ¹ / ₈ "	21 ¹ / ₈ "	15"	19 ¹ / ₈ "	24"	1	8484 lbs.
30	45ET-60000-8SRC	45R24-101	23 ¹ / ₈ "	23 ¹ / ₈ "	15"	19 ¹ / ₈ "	24"	1½	8687 lbs.
32	45ET-60000-8SRC	45R24-101	23 ¹ / ₈ "	23 ¹ / ₈ "	15"	19 ¹ / ₈ "	24"	1½	9187 lbs.
34	45ET-60000-8SRC	45R26-109	25 ¹ / ₈ "	25 ¹ / ₈ "	15"	19 ¹ / ₈ "	24"	1½	9406 lbs.
36	45ET-60000-8SRC	45R26-109	25 ¹ / ₈ "	25 ¹ / ₈ "	15"	19 ¹ / ₈ "	24"	1½	9406 lbs.
38	45ET-60000-8SRC	45R28-129	27 ¹ / ₈ "	27 ¹ / ₈ "	15"	19 ¹ / ₈ "	24"	1½	10,446 lbs.
40	45ET-60000-8SRC	45R28-129	27 ¹ / ₈ "	27 ¹ / ₈ "	15"	19 ¹ / ₈ "	24"	1½	10,705 lbs.
42	45ET-60000-8SRC	45R28-129	27 ¹ / ₈ "	27 ¹ / ₈ "	15"	19 ¹ / ₈ "	24"	1½	10,965 lbs.
44	45ET-60000-8SRC	45R30-141	29 ¹ / ₈ "	29 ¹ / ₈ "	15"	19 ¹ / ₈ "	24"	1½	11,788 lbs.
46	45ET-60000-8SRC	45R30-141	29 ¹ / ₈ "	29 ¹ / ₈ "	15"	19 ¹ / ₈ "	24"	1½	12,072 lbs.
48	45ET-60000-8SRC	45R32-145	31 ¹ / ₈ "	31 ¹ / ₈ "	15"	19 ¹ / ₈ "	24"	1½	12,559 lbs.
50	45ET-60000-8SRC	45R32-145	31 ¹ / ₈ "	31 ¹ / ₈ "	15"	19 ¹ / ₈ "	24"	2	12,851 lbs.
52	45ET-60000-8SRC	45R36-166	35 ¹ / ₈ "	35 ¹ / ₈ "	15"	19 ¹ / ₈ "	24"	2	14,297 lbs.
54	45ET-60000-8SRC	45R36-166	35 ¹ / ₈ "	35 ¹ / ₈ "	15"	19 ¹ / ₈ "	24"	2	14,631 lbs.

* Minimum Bridge Beam 45R20-79 for interlock .Step cut larger rails to 20". Add weight and cost for change.

Crane Weight is estimated and includes only the basic crane structure (end trucks, bridge beam and end stops) plus standard controls and motorized drives. Does not include conductor bars, collectors, festoon systems, pendants, interlocks or other options. Add weight of options to basic crane weight. Add 10% for estimated total shipping weight.

After selecting the crane, hoist and options, determine Total Load (pounds) on Bridge Beam and End Truck. Verify standard components are adequate (see Engineering Section of catalog for procedures to determine Bridge Beam ECL and End Truck Load). Verify that trolley wheel loads do not exceed the maximum allowed for the rail used for Bridge Beam and Runway Rail.

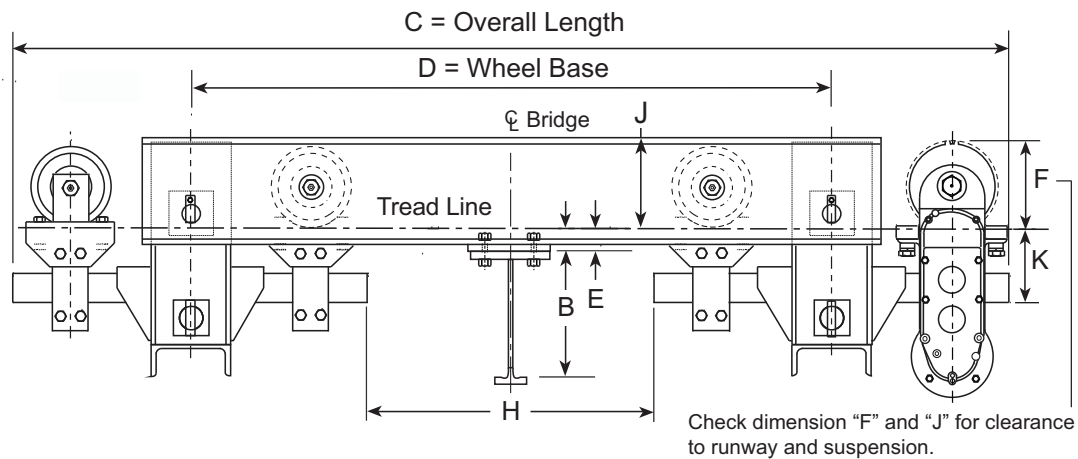
Standard Crane Bridge Overhang (O.H.) = 18". Overhang required for Interlocking Cranes with these end trucks = 24" with 45I-9A interlock in 450 Series rail. Minimum O.H. shown allows for width of end truck. *Consult factory for overhangs not shown.*

45C-30000-DM End Truck Specifications*

Model Number	Dimensions (inches)								# of 2-Wheel Trolleys	Max E.T. Loading†	End Truck Weight
	C	D	E	F	G	H	J	K			
45ET-60000-8SRC	112"	72"	3"	9 ¹¹ / ₁₆ "	28 ¹ / ₂ "	32"	10"	19 ³ / ₁₆ "	4	60,000 lbs.	2494 lbs.

* See "450 Series Crane End Trucks" on page G-23 for more information.

† Maximum load on 2-wheel trolley on 450 Series Rail cannot exceed 18000 pounds (9000 lbs. per wheel)



45ET-60000-8SRC/-8SRLC End Truck