



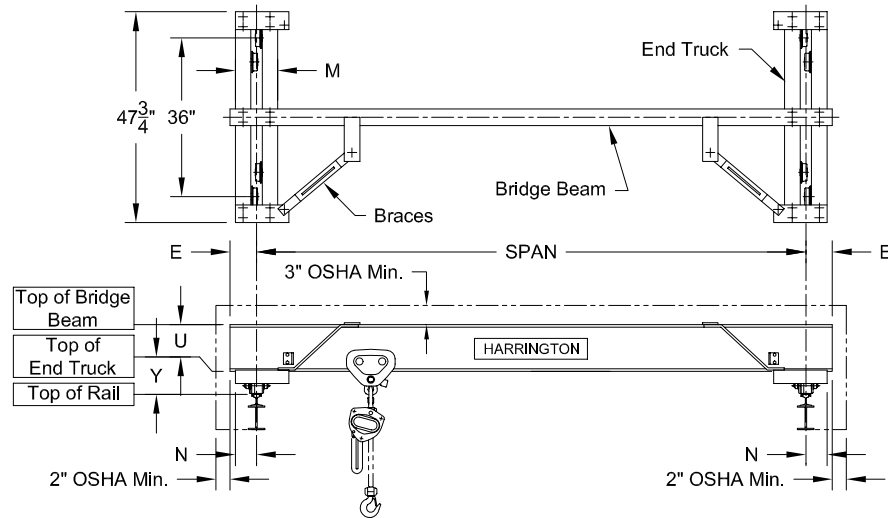
Purpose

To provide dimension and specification information for the HPC200A and HPC300 Series Crane System.

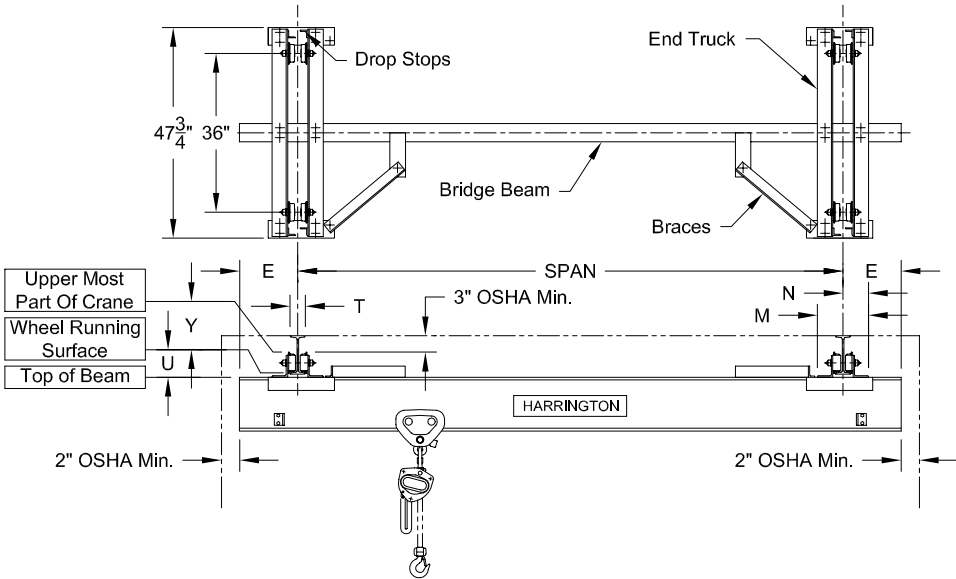
Attachments

Line Drawing	HPC200A Series Top Running
Line Drawing	HPC200A Series Underhung
Data Chart	HPC200A Series Dimensions and Specification
Data Chart	HPC200A Series Recommended Bridge Beams
Line Drawing	HPC300 Series Top Running
Line Drawing	HPC300 Series Underhung
Data Chart	HPC300 Series Dimensions and Specification
Data Chart	HPC300 Series Recommended Bridge Beams

HPC200A SERIES - TOP RUNNING



HPC200A SERIES - UNDERHUNG



HPC200A SERIES SPECIFICATIONS AND DIMENSIONS

TOP RUNNING

Cap. (Tons)	Max. Span (ft)	Crane Product Code	Wheel Tread Dia. (in)	Rail Head Width* (in)	E** Beam Beyond Span (in)	M End Truck Frame Width (in)	N Runway Ctr. Line to Outer Edge of ET (in)	U*** Top of End Truck to Top of Beam (in)	Y Top of Rail to Top of End Truck (in)	System Max. Wheel Load† (lbs per wheel pair)
½	24	HPC205A	3.12	1.5 – 5	6	T + 7.3	M/2	Beam Depth****	4.3	700
1		HPC210A	4.00			T + 8.3			5.3	1260
2		HPC220A	4.88			5.9			2330	

UNDERHUNG

Cap. (Tons)	Max. Span (ft)	Crane Product Code	Wheel Tread Dia. (in)	T* Flange Range Std. (in)	E** Beam Beyond Span (in)	M End Truck Frame Width (in)	N Runway Ctr. Line to Outer Edge of ET (in)	U*** Wheel Running Surface to Top of Beam (in)	Y Wheel Running Surface to Upper Most Part of Crane (in)	System Max. Wheel Load† (lbs per wheel pair)
½	24	HPC205A	3.12	3 – 5	12	T + 7.3	M/2	1.2	3.6	710
1		HPC210A	4.00			T + 8.3		1.3	4.4	1270
2		HPC220A	4.88	3.3 – 5		1.1		5.4	2340	

* Consult factory for widths or flanges greater than 5 inches.

** Minimum E is M/2

*** When using S6 beam add 3/8 inch to U.

**** See recommended bridge beam chart. The number following the "S" is the beam depth.

† See explanation in Technical Information section of EDOC0096.

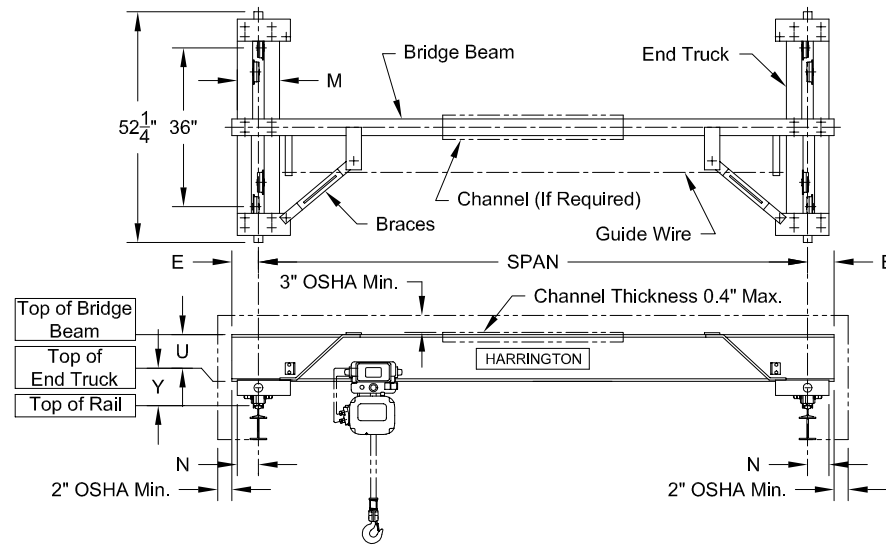
HPC200A SERIES SPECIFICATIONS AND DIMENSIONS

RECOMMENDED BRIDGE BEAMS

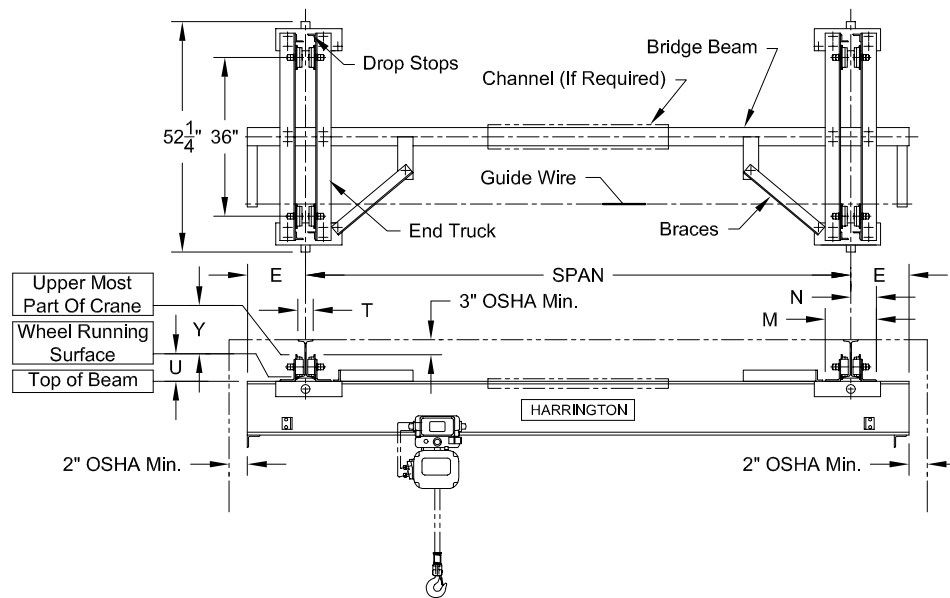
1. For use with Manual Hoist only. No allowance for Electric Hoist load factor.
2. Based on Harrington's manual chain hoist product.

Cap. (Tons)	Maximum Allowable Span (ft)			
	10	15	20	24
1/2	S6 X 12.5	S6 X 12.5	S7 X 15.3	S8 X 18.4
1	S6 X 12.5	S7 X 15.3	S8 X 23.0	S10 X 25.4
2	S8 X 18.4	S8 X 23.0	S10 X 25.4	S12 X 31.8

HPC300 SERIES - TOP RUNNING



HPC300 SERIES - UNDERHUNG



HPC300 SERIES SPECIFICATIONS AND DIMENSIONS

TOP RUNNING

Cap. (Tons)	Max. Span (ft)	Crane Product Code	Wheel Tread Dia. (in)	Rail Head Width* (in)	E** Beam Beyond Span (in)	M End Truck Frame Width (in)	N Runway Ctr. Line to Outer Edge of ET (in)	U Top of End Truck to Top of Beam (in)	Y Top of Rail to Top of End Truck (in)	System Max. Wheel Load† (lbs per wheel pair)
1	24	HPC310	4.50	1.5 – 5	6	T + 8.3	M/2	Beam Depth***	5.5	1500
2		HPC320	4.90						6.0	2820

UNDERHUNG

Cap. (Tons)	Max. Span (ft)	End Truck Product Code	Wheel Tread Dia. (in)	T* Flange Range Std. (in)	E** Beam Beyond Span (in)	M End Truck Frame Width (in)	N Runway Ctr. Line to Outer Edge of ET (in)	U Wheel Running Surface to Top of Beam (in)	Y Wheel Running Surface to Upper Most Part of Crane (in)	System Max. Wheel Load† (lbs per wheel pair)
1	24	HPC310	4.50	3.25 – 5	12	T + 8.3	M/2	1.0	5.0	1510
2		HPC320	4.90						5.4	2820

* Consult factory for widths or flanges greater than 5 inches.

** Minimum E is M/2

*** See recommended bridge beam chart. The number following the "S" is the beam depth in inches.

† See explanation in Technical Information section of EDOC0096.

HPC300 SERIES SPECIFICATIONS AND DIMENSIONS

RECOMMENDED BRIDGE BEAMS

1. Includes 15% Allowance for Electric Hoist Load Factor.
2. Based on Harrington's electric chain hoist product.
3. For spans greater than 10 ft, braces between end truck and bridge beam are recommended.

Cap. (Tons)	Maximum Allowable Span (ft)			
	10	15	20	24
1	S8 X 18.4	S8 X 18.4	S10 X 25.4	S10 X 25.4
2	S8 X 18.4	S8 X 23.0	S12 X 31.8	S12 X 31.8 C8 X 11.5