



# J-904F SERIES

FOUNDATION PILLAR JIB CRANE

## CAPACITY UP TO 10 TONS

The Abell-Howe J-904F Series was developed to be a foundation mounted jib for heavy duty industrial applications.

## BENEFITS & FEATURES

### CAPACITIES

1/4 Ton to 10 Tons.

Boom Lengths up to 30 ft. on select capacities.

Under Boom Height from 8 to 30 ft.

### SPECIFICATIONS

360 Degree Rotation on a Tapered Roller bearing providing full capacity vertical and radial thrust loading.

Lower section of the head revolves around the pillar on a pair of steel rollers equipped with self-aligning roller bearings.

Mast is mounted in concrete foundation. Removable sleeve is also available.

Anti Lift-off Device.

Bottom roller assembly can be shimmed for boom leveling.

End stops at both ends of the boom to limit trolley travel.

### COMPONENT MATERIAL

Mast - Fabricated from heavy wall structural steel pipe with wall thickness sized to minimize deflection.

Boom - W-beam section.

Head section - Rigid steel plate box type with welded construction for minimum deflection between boom and mast.



## OPTIONAL ACCESSORIES

Removable Sleeve (FS Model)

Top entry air swivel or electric collector rings on most models.

Rotational stops.

Anchor Bolts with Template.

Wind or Position Lock.

Galvanizing/Custom paint finishes.

Spark-resistant and/or explosion proof construction for hazardous locations.

Electric, Air or Hand-gear rotation.

Manual Safety switch.

Messenger wire assembly.



## J-904F FOUNDATION MOUNT PILLAR JIB CRANE

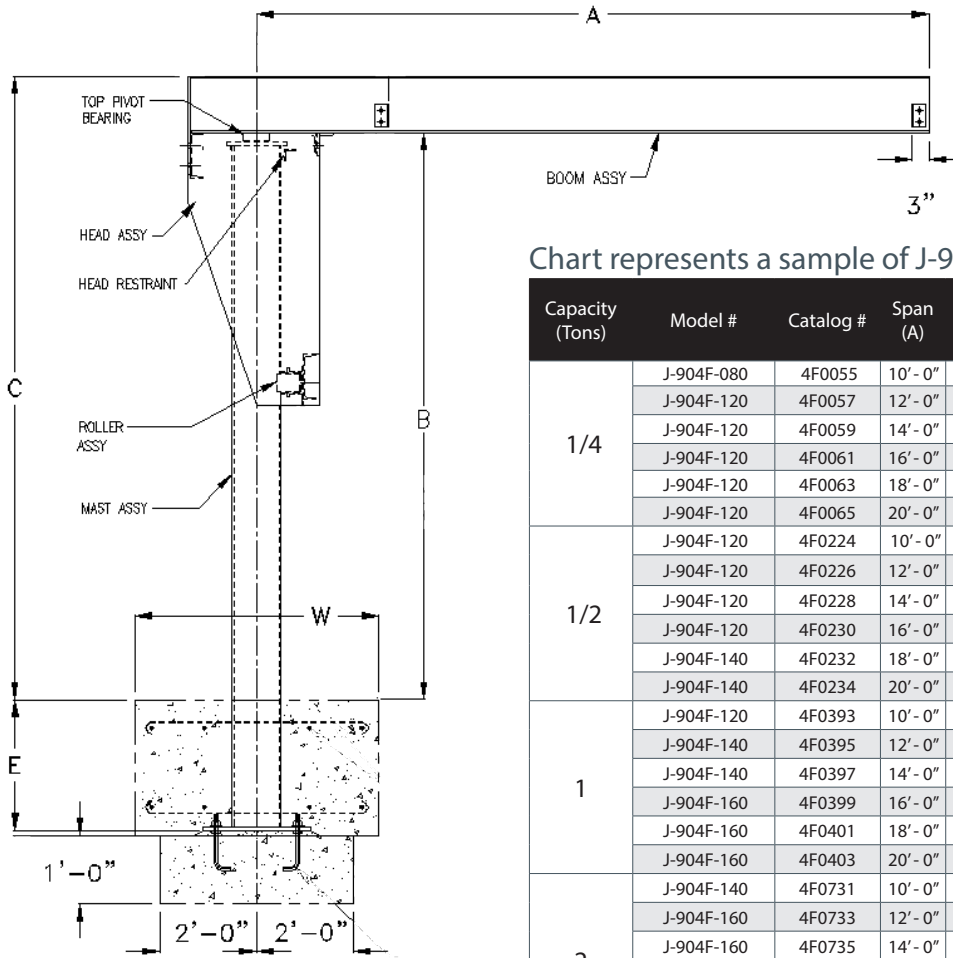
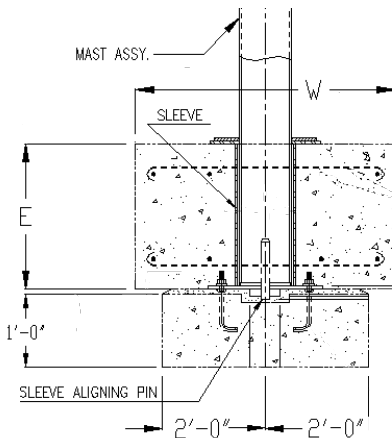


Chart represents a sample of J-904F Sizes & Capacities

Capacity (Tons)	Model #	Catalog #	Span (A)	Boom Height (B)	Overall Height (C)	Footing Depth (E)	Footing Width (W)
1/4	J-904F-080	4F0055	10'-0"	12'-0"	12'-6 1/4"	3'-0"	4'-0"
	J-904F-120	4F0057	12'-0"	12'-0"	12'-6 1/4"	3'-0"	4'-0"
	J-904F-120	4F0059	14'-0"	12'-0"	12'-8 1/4"	3'-0"	5'-0"
	J-904F-120	4F0061	16'-0"	12'-0"	12'-8 1/4"	3'-0"	5'-0"
	J-904F-120	4F0063	18'-0"	12'-0"	12'-10 3/8"	3'-0"	5'-0"
J-904F-120	4F0065	20'-0"	12'-0"	12'-10 3/8"	3'-0"	5'-0"	
1/2	J-904F-120	4F0224	10'-0"	12'-0"	12'-6 1/4"	3'-0"	4'-0"
	J-904F-120	4F0226	12'-0"	12'-0"	12'-8 1/4"	3'-0"	4'-0"
	J-904F-120	4F0228	14'-0"	12'-0"	13'-0 1/2"	3'-0"	5'-0"
	J-904F-120	4F0230	16'-0"	12'-0"	13'-0 1/2"	3'-0"	5'-0"
	J-904F-140	4F0232	18'-0"	12'-0"	13'-4 1/8"	3'-0"	5'-0"
J-904F-140	4F0234	20'-0"	12'-0"	13'-4 1/8"	3'-0"	5'-0"	
1	J-904F-120	4F0393	10'-0"	12'-0"	12'-8 1/4"	4'-0"	5'-0"
	J-904F-140	4F0395	12'-0"	12'-0"	12'-10 3/8"	4'-0"	6'-0"
	J-904F-140	4F0397	14'-0"	12'-0"	13'-0 1/2"	4'-0"	6'-0"
	J-904F-160	4F0399	16'-0"	12'-0"	13'-0 1/2"	4'-0"	7'-0"
	J-904F-160	4F0401	18'-0"	12'-0"	13'-4 1/8"	4'-0"	7'-0"
J-904F-160	4F0403	20'-0"	12'-0"	13'-4 1/8"	4'-0"	7'-0"	
2	J-904F-140	4F0731	10'-0"	12'-0"	13'-0 1/2"	4'-0"	6'-0"
	J-904F-160	4F0733	12'-0"	12'-0"	13'-0 1/2"	4'-0"	7'-0"
	J-904F-160	4F0735	14'-0"	12'-0"	13'-4 1/8"	4'-0"	7'-0"
	J-904F-160	4F0737	16'-0"	12'-0"	13'-6 1/8"	4'-0"	8'-0"
	J-904F-180	4F0739	18'-0"	12'-0"	13'-6 1/8"	4'-0"	8'-0"
J-904F-180	4F0741	20'-0"	12'-0"	13'-6 1/8"	4'-0"	8'-0"	
3	J-904F-160	4F0900	10'-0"	12'-0"	13'-4 1/8"	4'-0"	7'-0"
	J-904F-180	4F0902	12'-0"	12'-0"	13'-4 1/8"	4'-0"	7'-0"
	J-904F-180	4F0904	14'-0"	12'-0"	13'-6 1/8"	4'-0"	8'-0"
	J-904F-200	4F0906	16'-0"	12'-0"	13'-6 1/8"	4'-0"	8'-0"
	J-904F-200	4F0908	18'-0"	12'-0"	13'-9"	4'-0"	9'-0"
J-904F-240	4F0910	20'-0"	12'-0"	14'-0 1/8"	4'-0"	9'-0"	
5	J-904F-200	4F1238	10'-0"	12'-0"	13'-6 1/8"	4'-0"	9'-0"
	J-904F-240	4F1240	12'-0"	12'-0"	13'-6 1/8"	4'-0"	9'-0"
	J-904F-240	4F1242	14'-0"	12'-0"	13'-9"	4'-0"	9'-0"
	J-904F-240	4F1244	16'-0"	12'-0"	14'-0 1/8"	4'-0"	10'-0"
	J-904F-300H	4F1246	18'-0"	12'-0"	14'-0 1/4"	4'-0"	10'-0"
J-904F-300H	4F1248	20'-0"	12'-0"	14'-0 1/4"	4'-0"	10'-0"	

### Foundation Sleeve Option (J904FS):



### Optional Models:

Part #	Description
J-904FMD	Foundation Mount - Electric Motor Drive
J-904FAMD	Foundation Mount - Air Motor Drive
J-904FHG	Foundation Mount - Hand Geared

\* Change F to FS for option with Sleeve mount ex: J-904FSMD - Removable Sleeve - Electric Motor Drive