

# MODEL LDJ

## Light Duty Freestanding Jib Crane

The RAZE light duty pillar base mounted jib crane is economical, and is ideal for processes that involve light assembly, welding, or any application where capacity and use are low. Self-supporting 360 degree rotating jib crane. Mounts to floor using Handling Systems anchor bolts and recommended foundation or existing floor depending on crane specifications.

**CAPACITIES & SPANS** - Rated loads from 1/8 to 1 ton with span lengths up to 14 feet.

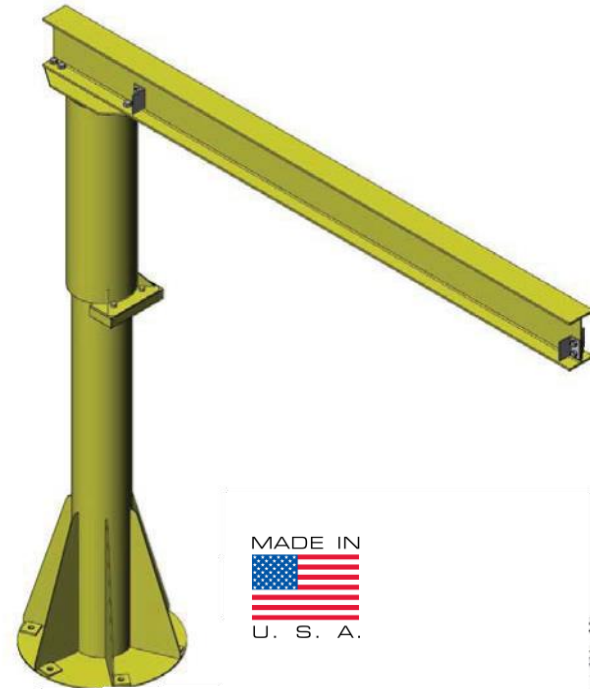
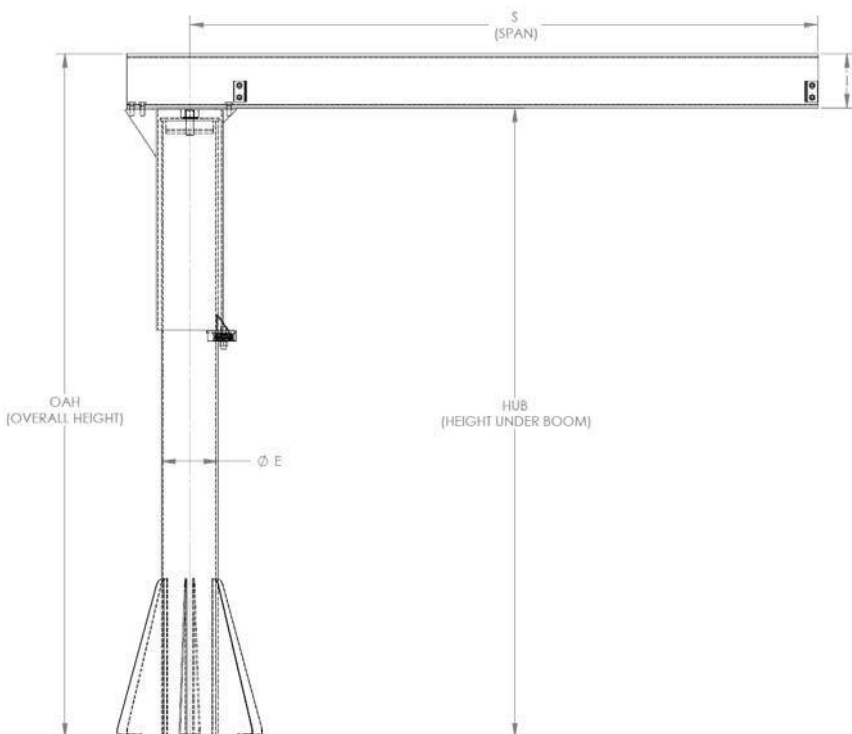
**ROTATION** - 360 degree rotation is standard

### FEATURES & BENEFITS

- **Economical pipe over pipe design**
- Full plate style gussets for maximum load distribution
- Bottom thrust roller consists of two self-aligning, heavy duty, sealed cam follower type bearings. (maintenance free and easy to replace)
- Upper garlock sleeve and garlock washer for top pin rotation (teflon coated for minimal friction rotation)
- **FOUNDATIONLESS MOUNTING AVAILABLE**
- **PORTABLE BASE JIBS AVAILABLE**

### OPTIONS & ACCESSORIES

- Tight Wire Kit (Festooning/"Tagline")
- Rotation Stops
- Outdoor Application
- Hoist & Trolley Packages
- Template and Anchor Bolts
- No Load Parking Device
- Epoxy Anchoring System for foundationless mounting



### "FOUNDATIONLESS" MOUNTING AVAILABLE

FOUNDATIONLESS JIB CRANES MUST MEET THE BELOW SPECIFICATIONS AND NOTES:

*Existing concrete to be minimum 6" thick reinforced, 3000 psi, with a soil content of 3,000 psf. Concrete in and around mounting site must be consistent and free of any cracks or wearing within a 6'x6' area.*

- Customer responsible for determining adequacy of the existing concrete floor prior to mounting.
- If mounting requirements are not met refer to manufacturers recommended foundation print.
- Anchors must have a minimum 4-3/4" embedment.
- Anchor must have a minimum of two threads above nut after installation.
- Spread mechanical grout under base plate for plumbing of mast.
- Installer responsible for providing proper anchors for install based on diameter and jib crane reactions.
- Jib mounting site must be free of any cracks, joints, seams, or walls within a 6'x6' mounting area.
- Approval signature required for foundationless jib crane purchase.
- Jib anchors must be inspected once a month for proper tension.

Maximum Capacity	Maximum Span/HUB	Mounting Area (Sq. Ft.)
1/8 ton	15 Ft. / 13 Ft.	6 x 6
1/4 ton	13 Ft. / 13 Ft.	6 x 6
1/2 ton	10 Ft. / 13 Ft.	6 x 6

## Light Duty Freestanding Jib Crane

		SPAN (S)/Model Number*				
CAP	HUB	8'	10'	12'	14'	16'
1/8 TON	8'	LDJ-250-8-8*	LDJ-250-10-8*	LDJ-250-12-8*	LDJ-250-14-8*	LDJ-250-16-8
	10'	LDJ-250-8-10*	LDJ-250-10-10*	LDJ-250-12-10*	LDJ-250-14-10*	LDJ-250-16-10
	12'	LDJ-250-8-12*	LDJ-250-10-12*	LDJ-250-12-12*	LDJ-250-14-12*	LDJ-250-16-12
	14'	LDJ-250-8-14	LDJ-250-10-14	LDJ-250-12-14	LDJ-250-14-14	LDJ-250-16-14
1/4 TON	8'	LDJ-500-8-8*	LDJ-500-10-8*	LDJ-500-12-8*	LDJ-500-14-8	LDJ-500-16-8
	10'	LDJ-500-8-10*	LDJ-500-10-10*	LDJ-500-12-10*	LDJ-500-14-10	LDJ-500-16-10
	12'	LDJ-500-8-12*	LDJ-500-10-12*	LDJ-500-12-12*	LDJ-500-14-12	LDJ-500-16-12
	14'	LDJ-500-8-14	LDJ-500-10-14	LDJ-500-12-14	LDJ-500-14-14	LDJ-500-16-14
1/2 TON	8'	LDJ-1000-8-8*	LDJ-1000-10-8*	LDJ-1000-12-8	LDJ-1000-14-8	LDJ-1000-16-8
	10'	LDJ-1000-8-10*	LDJ-1000-10-10*	LDJ-1000-12-10	LDJ-1000-14-10	LDJ-1000-16-10
	12'	LDJ-1000-8-12*	LDJ-1000-10-12*	LDJ-1000-12-12	LDJ-1000-14-12	LDJ-1000-16-12
	14'	LDJ-1000-8-14	LDJ-1000-10-14	LDJ-1000-12-14	LDJ-1000-14-14	LDJ-1000-16-14
1 TON	8'	LDJ-2000-8-8	LDJ-2000-10-8			
	10'	LDJ-2000-8-10	LDJ-2000-10-10			
	12'	LDJ-2000-8-12	LDJ-2000-10-12			
	14'	LDJ-2000-8-14	LDJ-2000-10-14			

### Model Number Explanation

Model Number - Capacity - Span - HUB.

Example: 1/4 ton jib with a 10 foot span and a 14 foot HUB: LDJ = Medium duty freestanding jib crane, 500 = 1/4 Ton, 10 = Span, 14 = HUB.

**\*FOUNDATIONLESS MOUNT AVAILABLE**

### Capacities and Spans

Larger capacities and spans available upon request

# RAZE