



## Model 350F/351F Foundationless Jib Cranes



MODEL F  
HEAVY DUTY  
JIB CRANE



MODEL F  
LIGHT DUTY  
JIB CRANE

### Standards

**Fabrication:** All designs meet AISC standards as they pertain to jibs and overhead cranes. All of our model 350F/351F jib cranes are in accordance with OSHA specification 1910.179. Model 350F/351F jib cranes are built to CMAA specification No. 74. All design and manufacturing is done in accordance to ANSI specification B30.11 as they apply to jib cranes and overhead cranes.

**Material Standards:** All steel I-beams used by HSI are a minimum of ASTM A-36 designation. All pipes and tubing are grade ASTM A-500.

**Deflection Criteria:** Standard design for the model 351F is based on  $L(\text{span in inches})/150$  and  $L(\text{span in inches})/100$  for the model 350F jib cranes. The value of this formula is

load tests due to possible variables.

HSI's foundationless jib cranes are designed to provide the same great benefits as our standard freestanding jib cranes with the added benefit of an allowable 'foundationless' mount. These jib cranes are designed to lift and transport materials in full circles (360 degrees) around their supporting mast. These cranes are ideal for processes that involve assembly, welding, maintenance, or to hand off material to adjacent work areas.

### Specifications

- Capacities up to 1 Ton (2000 lbs.)
- Heights Under Boom up to 20 Ft.
- Spans up to 20 Ft.
- 360 degree rotation is standard

### Applications

- Workstations and work cells
- Assembly Lines
- Pick-and-place operations

### Flexibility

- Simple Installation
- Easy to Adjust
- No Special Concrete Footer Requirement
  - *Must Meet Concrete Specifications (see page 2)*

### Options & Accessories

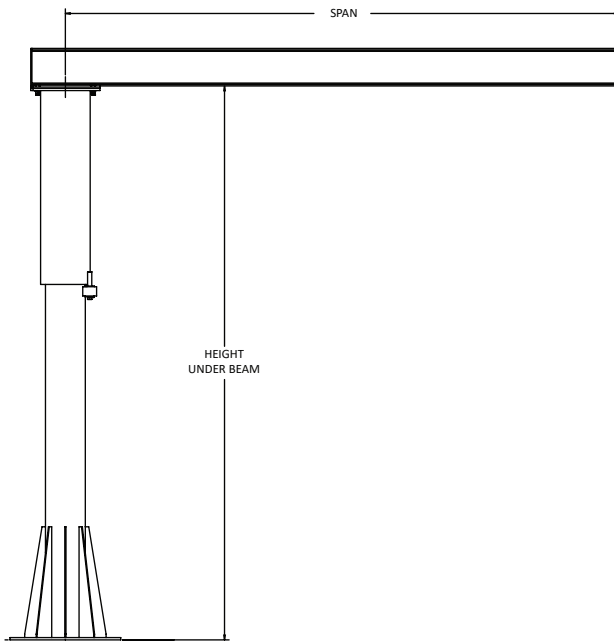
- Tight Wire Kit (Festooning/"Tagline")
- Rotation Stops
- Electrical Collectors
- Parking Device
- Outdoor Applications
- Foodgrade Applications
- Spark Proof Applications
- Available in Stainless Steel
- Hoist & Trolley Packages
- Epoxy Anchoring Systems

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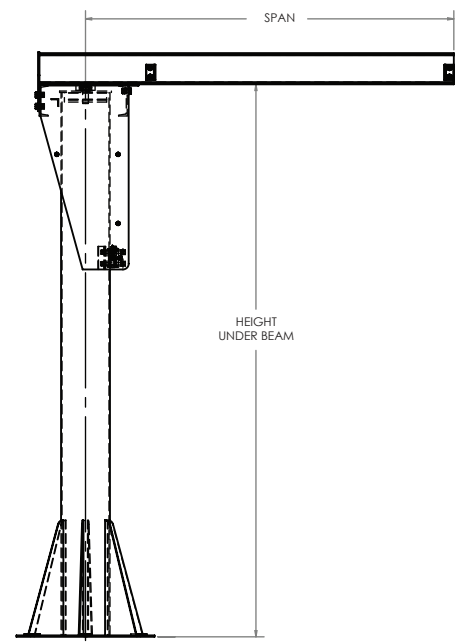
**HANDLING  
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INTERNATIONAL**

MODEL 350F - LIGHT DUTY

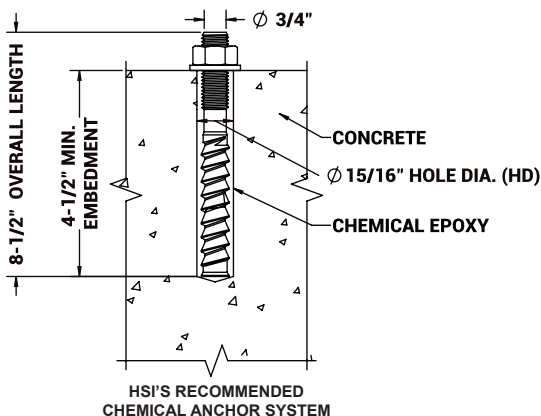


MAX CAPACITY	MAX SPAN	MAX HUB
1/2 TON	16 FT	16 FT
1 TON	10 FT	12 FT

MODEL 351F - HEAVY DUTY



MAX CAPACITY	MAX SPAN	MAX HUB
1/2 TON	20 FT	FT
1 TON	16 FT	16 FT



IT IS RECOMMENDED THAT FOUNDATIONLESS JIB CRANES BE MOUNTED ON REINFORCED CONCRETE WITH A MINIMUM DEPTH OF 6" AVOIDING ANY GAPS, CRACKS, OR EXPANSION JOINTS (WITHIN A GIVEN AREA, SIZE OF AREA TO BE DETERMINED BY QUALIFIED ENGINEER). ANCHOR BOLTS MUST HAVE A 4 1/2" MINIMUM EMBEDMENT.

IT IS NOT HANDLING SYSTEMS INTERNATIONAL INC.'S RESPONSIBILITY TO VERIFY THE SUITABILITY OF A FLOOR OR STRUCTURE TO WHICH OUR PRODUCT IS MOUNTED. PRIOR TO MOUNTING, IT IS REQUIRED THAT THE CUSTOMER/END USER SEEK ADVICE FROM A QUALIFIED ENGINEER.