



AUTOMATIC AND MANUAL JIB CRANES



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General Description and Intended Use

It is used for taking pump and etc. mechanical equipment in the wastewater treatment facilities or elevation stations from their places and moving them to the desired location for reasons such as installing, malfunction, general maintenance etc.

Working Principle Of Equipment

Manual jib cranes consist of bottom bearing, frame, rope, windlass and guide lever. Automatic jib cranes consist of bottom bearing, frame, rope, drive group and rope pulling hook. By means of manual or automatic jib cranes, load is pulled up from its place and moved to the place where jib crane is and moved to the desired place.

TECHNICAL SPECIFICATIONS

- It is generally placed at the points where loads are.
- It is manufactured as manual and automatic in accordance with working principle.
- It is designed and manufactured in accordance with the desired load carrying capacity (250 kg, 500 kg, 1000 kg etc).
- It is manufactured according to desired arm span.
- Manual jib cranes has a turning angle of 0°-360°.
- Automatic jib cranes has a turning angle of 0°-270°.
- Jib crane is mounted on the floor with bottom bearing.
- It has backward shift safety lock.
- It carries the load to any distance with windlass (manual) or motor / reducer (automatic).



Advantages

- Project Based Special Design Possibility,
- Space Saving,
- Compact Design,
- Easy Transportation and Mounting / Demounting,
- Design without Maintenance and Service Requirement,
- Long Operation Life,
- Easy Maintenance Possibility,
- Suitable for Outdoor Operation,
- Low Operation and Maintenance Costs.

Accessories

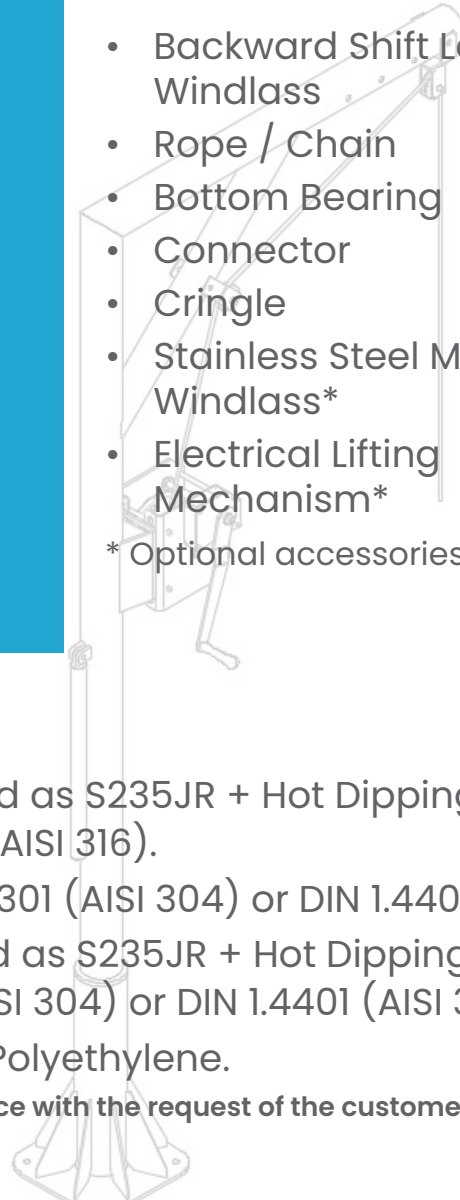
- Backward Shift Lock Manual Windlass
- Rope / Chain
- Bottom Bearing
- Connector
- Cringle
- Stainless Steel Manual Windlass*
- Electrical Lifting Mechanism*

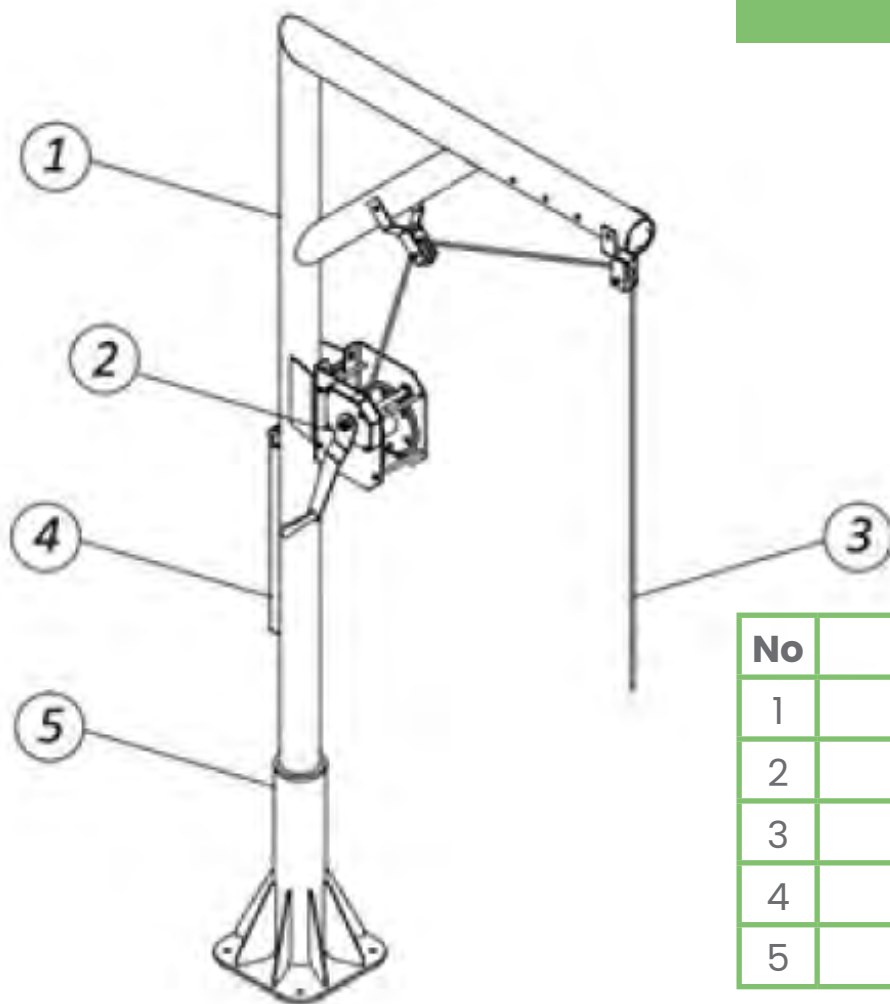
* Optional accessories are defined.

Material Details

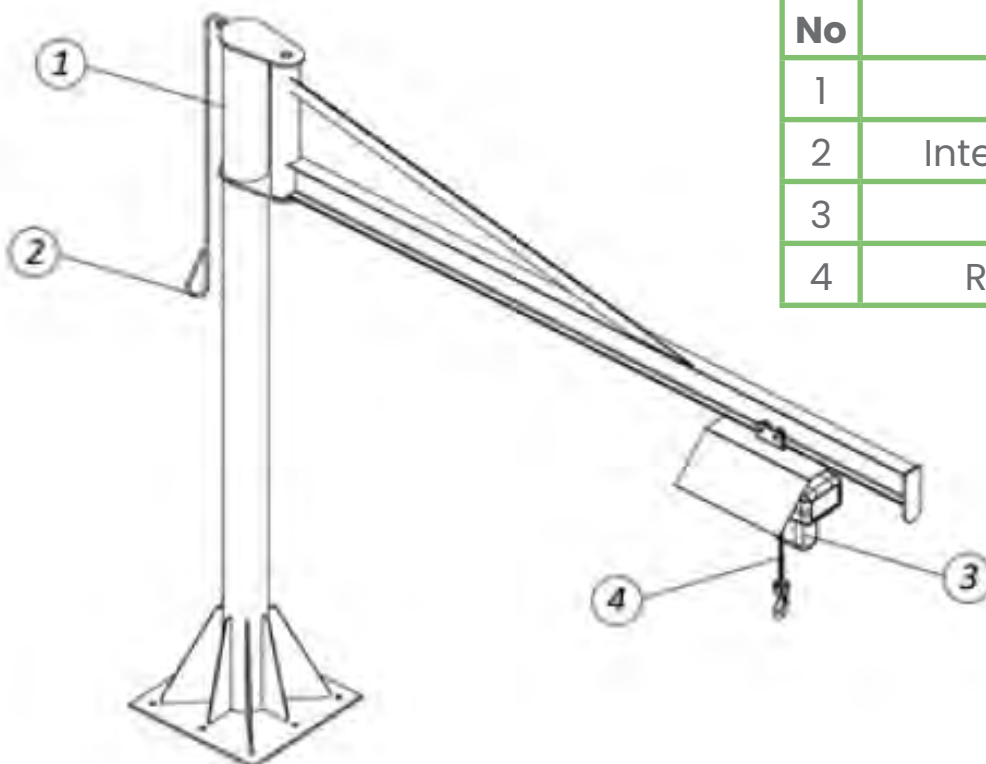
- Frame: They can be manufactured as S235JR + Hot Dipping Galvanized Coating or DIN 1.4401 (AISI 316).
- Rope: They can be used as DIN 1.4301 (AISI 304) or DIN 1.4401 (AISI 316).
- Chain: They can be manufactured as S235JR + Hot Dipping Galvanized Coating, DIN 1.4301 (AISI 304) or DIN 1.4401 (AISI 316).
- Bearing: It is manufactured from Polyethylene.

"Different materials can be preferred in accordance with the request of the customer."





No	Part Name
1	Frame
2	Windlass
3	Rope
4	Rotating Arm
5	Bottom Bearing



No	Part Name
1	Frame
2	Intervention Hook
3	Crane
4	Rope / Chain



Marmaracık Mah. 1982. Sok. No: 13/1
Ergene / Tekirdağ / TÜRKİYE
+90 0282 686 63 33 pbx +90 0282 686 63 34

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