

Pig Handling Equipment

Pig Handling Crane (Jib Crane)

Orizon Petro also manufacture pig handling cranes (jib crane). These systems, which help you to handle, load, and unload the pigs without using man power and minimize the work accidents, can be mechanical and automatic. It installed near pig handling system.

• Technical design Features:

Available Range	: 0.5 ton to 5 ton
Design Code	: ASTM/BS/ASME/IS
Swing (Rotate)	: 360 degree
Column Material	: API 5L/A - 36
Other Structure Material	: A-36 OR Equivalent
Operation	: Manual or Electric



DIMENSION OF STANDARD JIB CRANES

Sr.No.	Capacity (MT)	Pig size	Swing Radius (mtr)	Total Height (mtr)	Lift Height (mtr)
1	0.5	4"-8"	1-3	3-5	2.5-4.1
2	1	10"-16"	2.4-5	3-5	2.5-4.2
3	2	18"-24"	2.4-6	3-5	2.5-4.3
4	3	26"-30"	2.4-7	3-5	2.5-4.4
5	4	32"-40"	2.4-8	3-5	2.5-4.5
6	5		2.4-9	3-5	2.5-4.6

Pig Handling Trolley

Pig Handling trolley is used for insert and removal of Pipeline Pigs /sphere from Pig Launcher / Pig Receiver. Available in manual and automatic.

Pig Trolleys consist of a robust frame which holds the pig loading/unloading tray. Pipeline Pigs are placed on the tray and pushed into the Pig Launcher or from the Pig Receiver by hand or winch. The height of the pig tray is designed to align with the bore of the Pig Launcher/Receiver major barrel to facilitate a smooth transition during loading/unloading procedures.

PIG HANDLING TROLLEY DIMENSION TABLE

Sr.No.	Size of PHS	Total Length TL(mm)	Width (mm)
1	4" x 6"	3200	400
2	6" x 8"	3200	425
3	8" x 10"	4500	480
4	10" x 12"	4800	540
5	12" x 14"	4800	625
6	14" x 16"	5200	625
7	16" x 18"	5600	670
8	18" x 20"	5650	725
9	20" x 24"	5650	825
10	24" x 28"	6200	925
11	28" x 32"	6600	1025

