

PROJECT SHEET - 1506

DOCK CRANE: KHULNA SHIPYARD

EQUIPMENT	Dock Crane
OPERATION MODE	Hook Duty
CLIENT	Khulna Shipyards
CONTRACT TYPE	Turnkey
LOCATION	Khulna / Bangladesh
COMMISSIONED	2016



Khulna Shipyards (KSY) is governed by Bangladesh Navy for new building vessels and maintenance works of Bangladesh Navy.



ISKAR Muhendislik Ltd. is a solutions provider and turnkey contractor for the materials handling machinery sector, with a special focus on slewing dock cranes. ISKAR offers innovative technological solutions and tailored state of the art cranes as per customer specs.

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PROJECT FIGURES

Rail gauge of portal track	6.0 m
Hoisting Speed	0 – 20 m/min
Travelling speed of portal	0 - 25 m/min
Slewing speed	0 – 1.0 rpm
Wheels per Corner	2 x Ø630 mm
Hoisting capacity	40t x 5 m / 5 t x 25 m
Safety Factors	SWL x 1.6 (Stability) SWL x 1.5 (Static Load) SWL x 1.25 (Dynamic)
Electric System	400V 3ph 50Hz all movements with inverter duty
Total Weight	90 tons



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