

PROJECT SHEET - 2025

SHIPYARD CRANE: CHITTAGONG PORT

EQUIPMENT	Shipyard Crane
OPERATION MODE	Hook Duty
CLIENT	Chittagong Port Authority
CONTRACT TYPE	Turnkey
LOCATION	Chittagong / Bangladesh
COMMISSIONED	2021



Chittagong Port Authority (CPA) is a government port located in Chattogram, Bangladesh as being an important destination for South Asian region. 1 level luffing hook duty slewing crane is delivered to the Marine Engineering Works department of CPA as a part of the port renovation works.



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 – 60/90 m/min
Travelling speed of portal	0 - 20 m/min
Slewing speed	0 – 1.5 rpm
Wheels per Corner	4 x Ø500 mm
Hoisting capacity	6t x 25 ... 7,5 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

