

PROJECT SHEET - 1744

SHIP LOADER: BATUMI PORT

EQUIPMENT	Ship Loader
OPERATION MODE	1 100tph (Fertilizer)
CLIENT	Wondernet Express
CONTRACT TYPE	Turnkey
LOCATION	Batumi /Georgia
COMMISSIONED	2020



ISKAR has completed design and manufacturing works for one 1 100 tph capacity ship loader for Batumi Port / Georgia – Wondernet Express Carbamide Terminal. The ship loader is commissioned in 2020.

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



PROJECT FIGURES

Ship loader loading material	Mineral fertilizers
Ship loader loading material bulk weight	720 – 1200 kg/m ³
Ship loader volumetric loading capacity	1500 m ³ /h
Ship loader loading capacity	1100 t/h
Vessel Type	Bulk Carrier
Vessel Size	5000 – 50000 DWT
Loading chute reach (from middle of rail span)	30,0 m
Gantry gauge (span between middle of rails)	10500 mm
Vertical Clearance under gantry, approx.	9.0 x 6.0 m
Type of jetty rail	P 65
Number of Wheels (sea side)	8 Nos
Number of Wheels (land side)	6 Nos
Ship loader travel distance to both sides of electrical feeding point, each approx.	100 m
Total travel distance	200 m
Maximum Working Speeds (+/- 5%)	
Conveyor belt	2.4 m/s
Slewing structure	0.5 rpm
Luffing Cylinder	22 (28) mm/s
Travelling	25.0 m/min
Electric System	400V 3ph 50Hz
all movements with VFD drive	



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