

Grab Type Ship Unloaders



TECHNICAL SPECIFICATIONS

- Ship Size: Upto 2,00,000 DWT or suitable for handling panamax and suezmax vessels
- Outreach: Upto 38m on the seaside
- Free Digging Capacity: Upto 2200 TPH
- Duty: Continuous (upto 18 hours/day)

Unloaders are used extensively in ports and privately owned berths for unloading bulk materials from barges and ships. TRF supplied unloaders are being used in various ports & berths all over India.

All unloaders are provided with very sophisticated. programmable logic controllers to achieve synchronized

motions, no spillage grabs, air-conditioned travelling operator cabins and electric room, industrial type lifts, optional chemical toilet with main and auxiliary trolleys with hydraulically operated rope tensioning system, Hopper weighing system and safe load indicators. Hydraulic rail clamps, storm anchor, fire alarm, dust suppression and wash down system are also provided, if required.

Technical Particulars of Unloaders

Machine Description	Material handled	Free Digging Capacity of Unloader in TPH	Lifting Capacity of Unloader in Tonnes	Out reach in M	Track gauge
			Main hoist		M
Folding type Luffing Boom Ship Unloader	Fertilizers	600	20	26.5	
Grab Type Barge unloader	Ore/Pellets	900	17	14.0	10.00
Grab Type Ship unloader	Fertilizers	1500	33	26.5	20.00
Grab Type Ship unloader	Coal	1500	37	38	20.00
Grab Type Ship unloader	Coal	1500	37	38	20.00
Grab Type Ship unloader	Coal	2000	50	26	18.00
Grab Type Ship unloader	Coal	2200	50	38	20.00

Services

TRF today offers comprehensive operation and maintenance services for their Ship Unloaders with guaranteed up-keep time for the customer. This ensures that customers can plan their raw material handling strategy and requirement with added precision, reducing raw material inventory.

HEAD OFFICE & WORKS

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