



Free Standing Capstan

IntMoor™ Mooring & Docking Equipment

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Applied to Marine, Offshore, Oil & Gas Industry
Various Piers, Seaports, LNG Jetty Terminals
Tugboat, FSO, FPSO, FSRU etc.

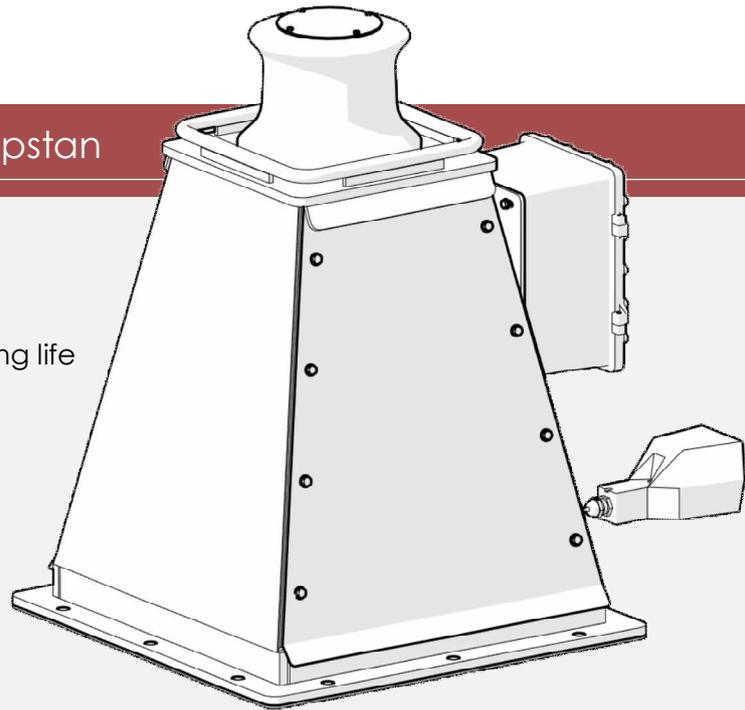


GLEN ENGINEERING *limited*
FOCUS ON MARINE AND OFFSHORE



Capstan

GLEN Free Standing Capstan



The feature of Glen Capstan:

- Ribbed capstan head and rope guide (optional)
- Housed within protective structure for a long working life
- Two ways to operate:
 - Depress foot switch or push button
- Emergency stop button for safer operation
- A range of capacities are available to suit many line handling applications.

Function:

Free standing capstans are designed for handling the mooring lines more efficiently and reliably. It can greatly reduce the handling time needed for mooring and prevent operators from heavy lifting of mooring lines.

Supply mode:

Supplied as a separate part of QUICK RELEASE MOORING HOOK or combination with Mooring bollard.

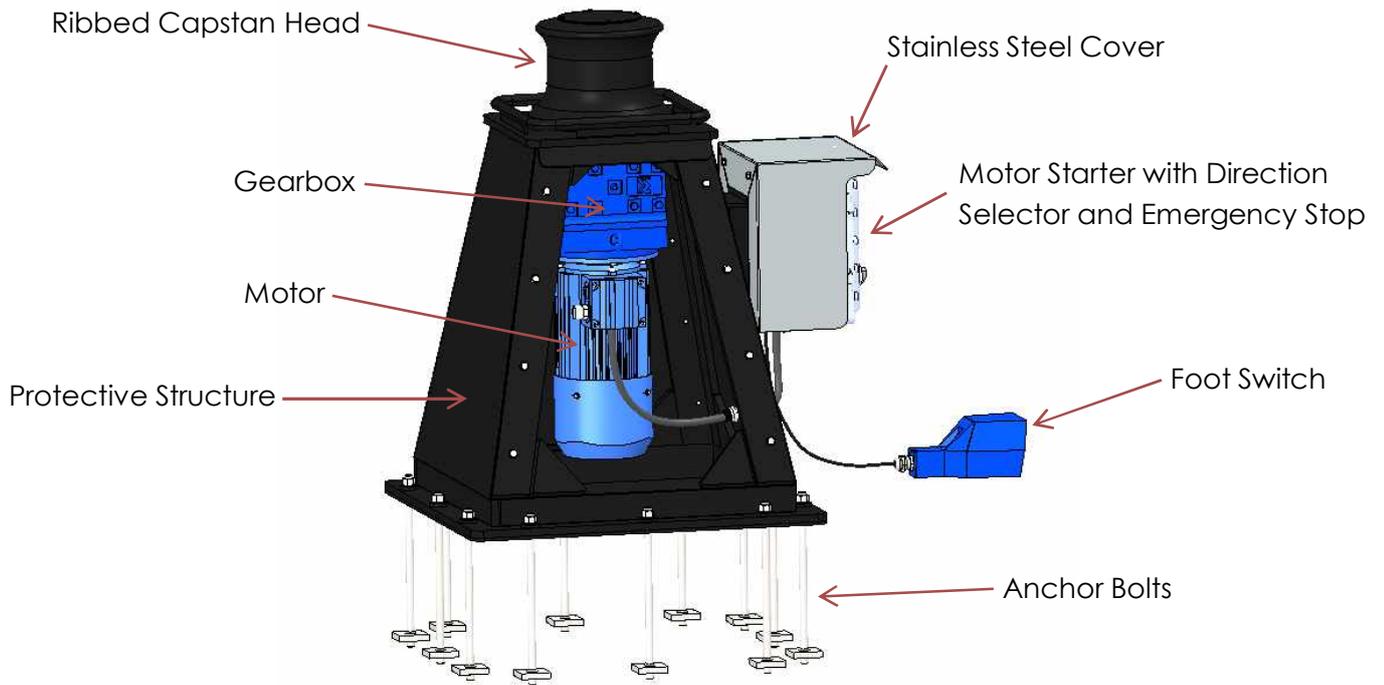
Certificate:

CE for whole equipment and ATEX certified for all electrical components

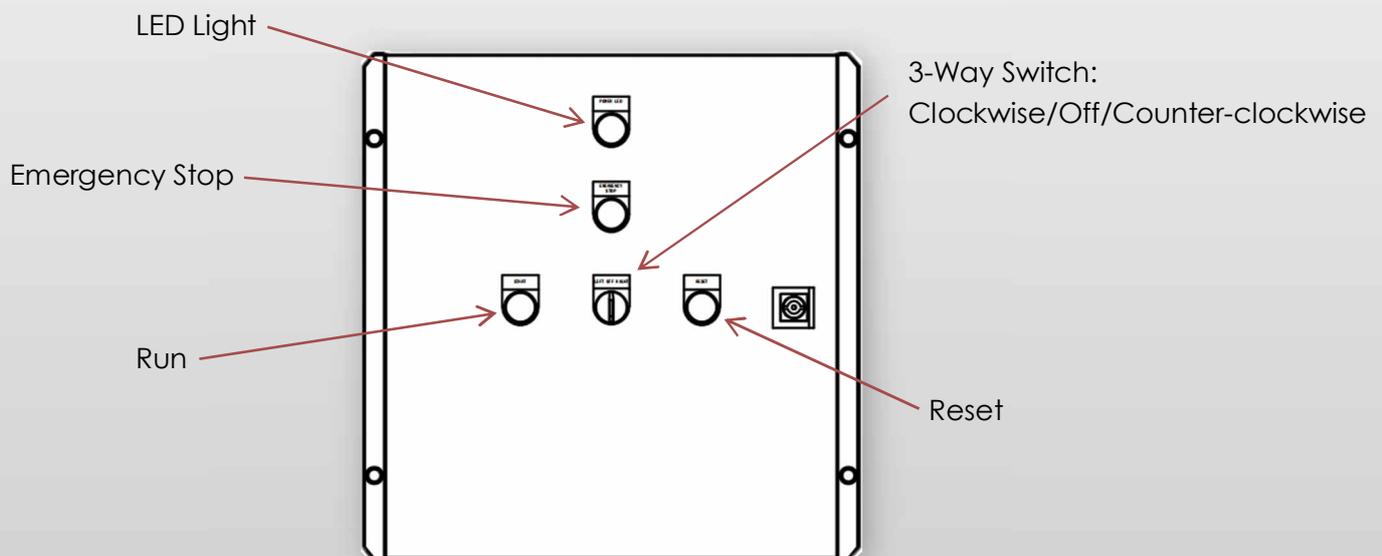
Motor Power (kW)	Line Pull (kN)	Start Pull (kN)	Area Classification
5.5	10	20	Hazardous 1-2/21/22
			Non-Hazardous
7.5	15	30	Hazardous 1-2/21/22
			Non-Hazardous
11.0	20	40	Hazardous 1-2/21/22
			Non-Hazardous
15.0	30	60	Hazardous 1-2/21/22
			Non-Hazardous

Available Line Speed (m/min): \pm 20, 25, 30, etc.

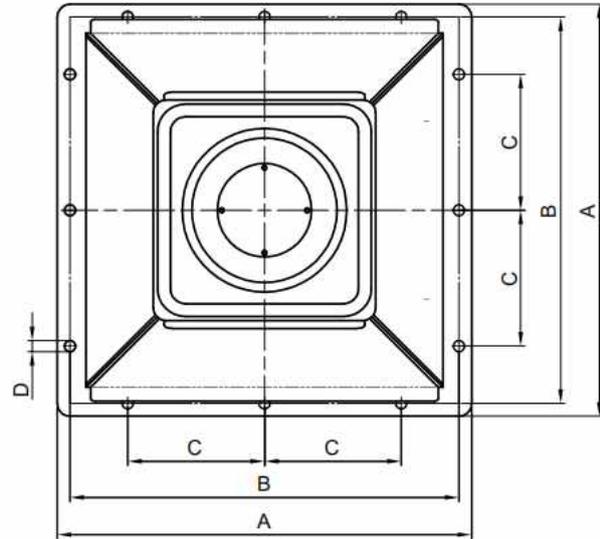
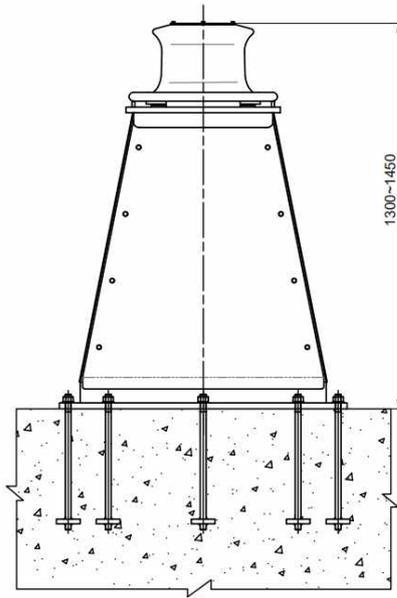
Another line pull load could be custom, max. 40kN.



Component	Protection Class	Explosion Proof Grade	Brand
Motor	IP55 minimum	EExd- II -BT4(5)(6)	ABB/SEW/WEG etc.
Motor Starter	IP65 - IP67	EExd- II -BT4(5)(6)	Warom/Nanyang YT etc.
Foot Switch	IP65 - IP67	EExd- II -BT4(5)(6)	Steute/Bernstein etc.



CONTROL PANEL



Motor Capacity	A	B	C	D	Bolt Size	Bolt Quantity
5.5 kW	970	910	320	Φ22	M16 x 500	12
7.5 kW	970	910	320	Φ22	M16 x 500	12
11.0 kW	1020	960	330	Φ22	M16 x 500	12
15.0 kW	1020	960	330	Φ22	M16 x 500	12

Capstan head Type	Reversible or Non-reversible
Braking Device	Mechanical (Backstop) or Electrical (Brake motor)
Power	3Ø + Earth: 380 to 480 VAC (±10%) @50Hz or 60 Hz (±5%) Note: Voltages outside these ranges available upon request.
Line Speed	± 20 meters /minute ± 25 meters /minute ± 30 meters /minute
Anchor Bolt	Material: 316L stainless steel / Grade 8.8 H.D.G.
Surface Treatment	Surface Preparation - Class 2.5 Blast (1) 1 st Coat : Nominal 75µm DFT epoxy zinc-rich primer 2 nd Coat : Nominal 125µm DFT two-part epoxy, containing MIO 3 rd Coat : Nominal 75µm re-coatable two-part polyurethane Color: Black or colour as per client's request
Special Execution	Horizontal motor Dual speed capstans available Low temperature executions



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Extension Product Recommended

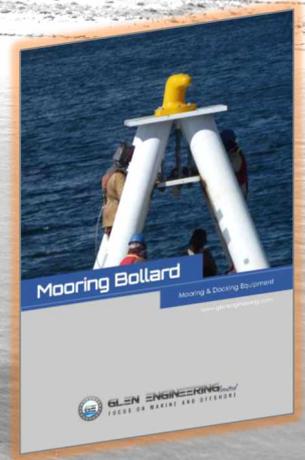
Your Professional Partner in Mooring & Docking



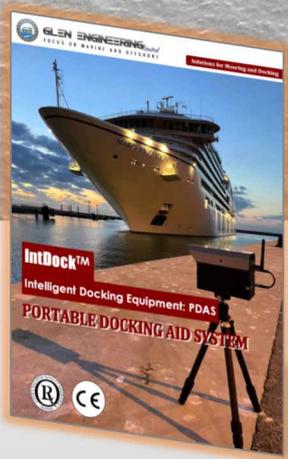
Quick Release Hook



Free Standing Capstan



Mooring Bollard



Portable Docking Aid System



Berthing Approach System



Rubber Fender

Contact

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