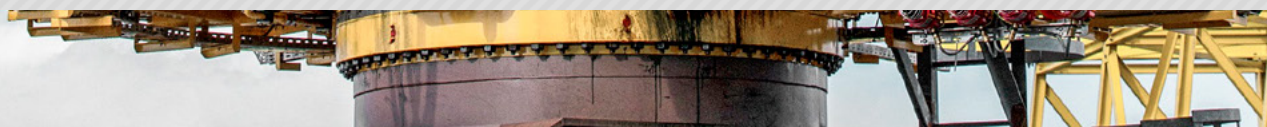




HMB  
**LINTEC**marine

## Ram Luffing Cranes



## PROTEUS® RAM LUFFING CRANES

PROTEUS® Ram Luffing Pedestal cranes are suitable for installation on a wide range of offshore platforms and facilities and have a proven track record with many clients worldwide.

Each crane features a fully sealed box boom, single or dual hydraulic cylinders, quality components, electric or diesel prime movers, unique 'Protea' design features, hazardous or non-hazardous electrical packages and first class ergonomically designed operator cabins that enable safe and efficient crane operations.

Offering continuous 360 degree slewing, high performance lifting capabilities, a robust design and third party certification from ABS, DNV or Lloyds - these versatile machines are ideally suited for cargo transfer, personnel handling or routine onboard lifting operations.

Designed in accordance with international standards/specifications that include API 2C, DNV, EN13852-1 or Norsok each machine can be configured easily to meet the specific requirements of any client or project - PROTEUS® cranes offer high quality, long term reliability and excellent performance.



**FLOATING  
APPLICATIONS**



**FIXED  
PLATFORMS**

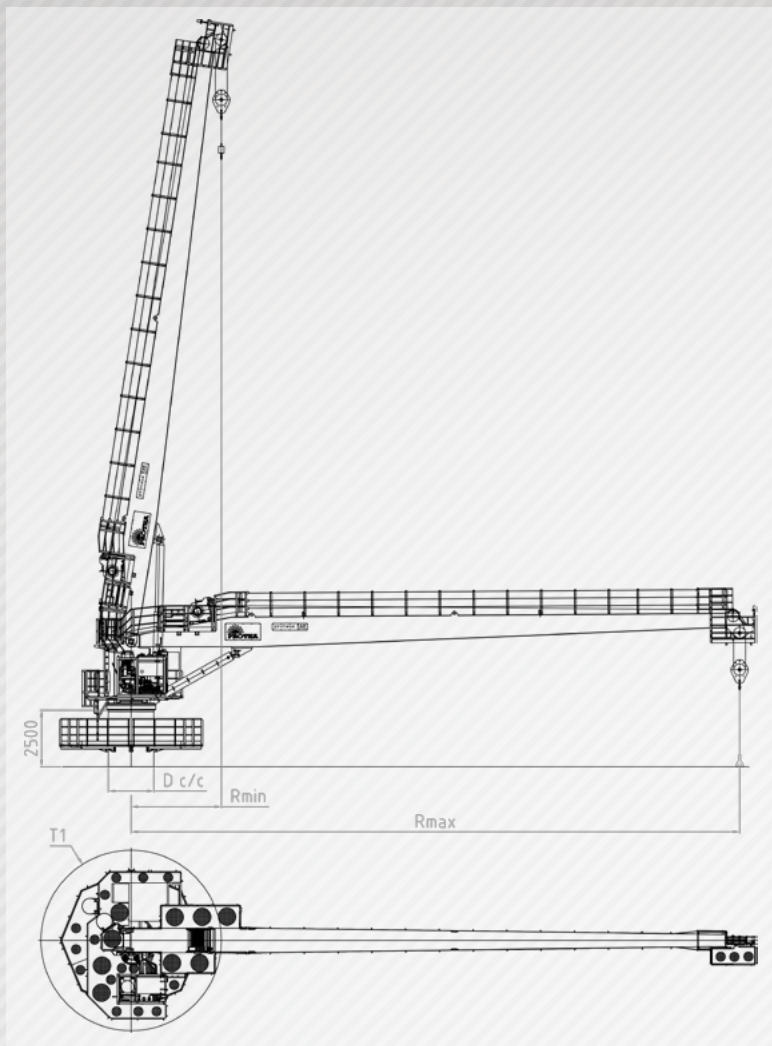


**ACCOMODATION  
MODULES**



**CONSTRUCTION  
BARGES**

## TYPICAL CRANE ARRANGEMENT



## TYPICAL OPTIONS

### THE FOLLOWING OPTIONS ARE AVAILABLE:

- Designed in accordance with EN 13852, DNV, API or ABS
- Electro-hydraulic drive
- Diesel-hydraulic drive
- Complete explosion protection according to ATEX guidelines
- Man-riding winch
- AOPS Automatic Overload Protection System
- MOPS Manual Overload Protection System
- Rope Tensioning Systems - Constant Tension
- AHC Active Heave Compensator
- Complete pedestal

## TYPICAL RANGE DATA

Type	D mm	Lifting Capacity mT	Hoisting Speed m/min	Luffing Time sec	Slewing Speed rpm	T1 mm	Size	R <sub>max</sub> mm	R <sub>min</sub> mm
Proteus RAM 1630	1 600	30	22.0	60	1.3	2 550	1	15 000	3 400
							2	17 000	3 500
							3	19 000	3 600
Proteus RAM 2040	2 000	40	22.5	70	1.1	2 900	1	25 000	4 700
							2	27 000	4 800
							3	29 000	4 900
Proteus RAM 2560	2 500	60	20.0	80	0.9	3 600	1	31 000	5 900
							2	33 000	6 000
							3	35 000	6 100
Proteus RAM 3080	3 000	80	18.8	90	0.7	4 350	1	37 000	7 100
							2	39 000	7 200
							3	41 000	7 300
Proteus RAM 35100	3 500	100	18.0	100	0.5	5 500	1	44 300	6 800
							2	48 300	7 100
							3	52 300	7 400