

SMART TOWER SYSTEM



A versatile integrated P&A and Intervention Tower with Deck Spread design for maximum operational flexibility, even in the harshest climates. The dual level Rooster Box and underslung elevator or spool interface provides easy access and a universal platform for surface pressure equipment, AHC Slickline and E-line Operations and building/operation/recovery of CWOR and intervention systems.

Tower

Ram Rig hoisting system with inline AHC & PHC

Water Depth	80m - 1500m
Rooster Box SWL	250t
Environment	Operational Hs 5m -20 to +45°C

Certified to	DNVGL-OS-E101
Subsea Package	Multi-level maintenance garage
Garage	Max Height - 12.3m

Riserless WL	Multi-level
Lubricator	maintenance stand

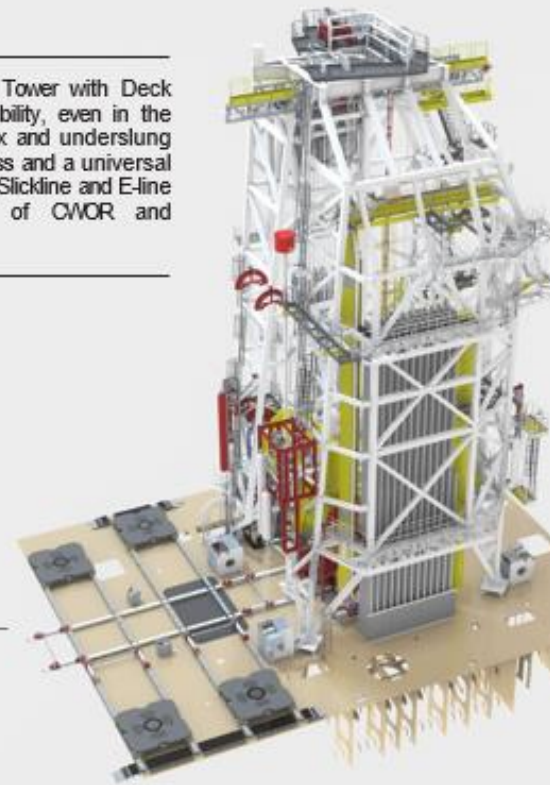
Control System

- Integrated control cabin
- Operator Chair
- Siemens PLC with distributed network
- Interface with vessel safety systems
- Interface to vessel CCTV

Vertical Racking System

Touch button semi-automatic loading to and from rack to well centre of conventional threaded drill floor casing riser or specialist collet connector CWOR

Capacity	55 x 90ft bays 5 x 90ft quarantine bays 5 x single bays
Feedback	Fingerboard latch Sensors handling arm Sensors Integrated CCTV



Guide & Pod Wire Systems

4 off Guide-wire Winches & 2 off Pod-wire Winches with inline PHC cylinders

Guide Wire SWL	5t - tension at well
PodWire SWL	10t - tension at well
Drum capacity	1600m

VESSEL CAPACITIES

MGO (85%)	3,000 m ³
Potable Water System	1000 m ³
Technical Freshwater	6,924 m ³
Water Ballast	8,800 m ³
Lube Oil	90 m ³

DECK PALLET SYSTEM

Pallet size	4m x 4m
Rating	SWL 120T / pallet

TANKS & PUMPS

BRINE Tanks	1,000m ³
Meg storage	500m ³
Drill Water/ Industrial Water	6,000m ³
Methanol	300m ³
Cement tanks	2x 15m ³

WELL TEST

Flare Boom	Optional
Well Test	Optional
MudTank/Pump	Optional

MOONPOOL

Dimensions	7.2 m x 7.2 m
Hatches	Welded and flush

PERFORMANCE

Transit (Eco)	10.5 knots
Transit	12 knots
Maximum	16.5 knots

FUEL CONSUMPTION (Est.)

Dock	5 m ³ / day
Alongside	7 m ³ / day
Eco Transit	23 m ³ / day
Transit	26 m ³
DP3 Mode	18-22 m ³

