



Pioneering Spirit

World's largest and most versatile construction vessel, built to transport, install and remove all types of offshore platforms in a single piece.

Specifications

Length (incl. stinger and lifting beams)	477 m
Length overall	382 m
Breadth	124 m
Slot length	122 m
Slot width	59 m
Operational draught	10 – 27 m (incl. thrusters)
Transit draught	11.5 m
Maximum draught	27 m
Air draught	57 m (at 26 m draught)
Installed power	95,000 kW
Maximum speed	14 knots
Accommodation	571 persons
Thrusters	12 x 6050 kW
Topsides lift capacity	48,000 t
Jacket lift capacity	20,000 t
Special purpose crane	5000 t

Specials

- ▲ Unique motion compensated, single-lift technology enables large lifts in hostile seas
- ▲ Capable of lifting complete topsides up to 48,000 t and jackets up to 20,000 t
- ▲ Significantly reduces the amount of offshore work associated with platform installation and decommissioning
- ▲ Moves activities onshore where they are safer and more cost effective
- ▲ Lifted more than 325,000 t of offshore facilities since becoming operational in 2016



Pioneering Spirit

The largest and most advanced pipelay vessel in the world, capable of installing record-weight pipelines in all water depths.

Specifications

Stinger length (incl. transition frame)	210 m
Pipelay equipment	<ul style="list-style-type: none"> • Double-joint factory with 5 line up stations + 2 welding stations • 260 m main firing line with 6 (double joint) welding stations, 1 NDT + 6 coating stations. • Removable bevelling station on main deck • Additional firing line for piggy-backed pipe
Tension capacity	4 x 500 t (2000 t)
Multi-purpose crane	1 x 600 t main hoist
Pipe transfer cranes	3 x 50 t main hoist
Pipe diameters	6 – 68 inch (OD)
Pipe cargo capacity (main deck)	27,000 t

Specials

- ▲ High workability in hostile areas and less weather sensitive due to great size
- ▲ Vast pipe storage capacity ensures uninterrupted pipelay campaigns
- ▲ 2000-t pipe-holding capacity, double that of any rival pipelay vessel
- ▲ Installed over 3000 km of mixed-diameter pipe in depths up to 2750 m
- ▲ Capable of heavy/large subsea structure installation close to critical live infrastructure