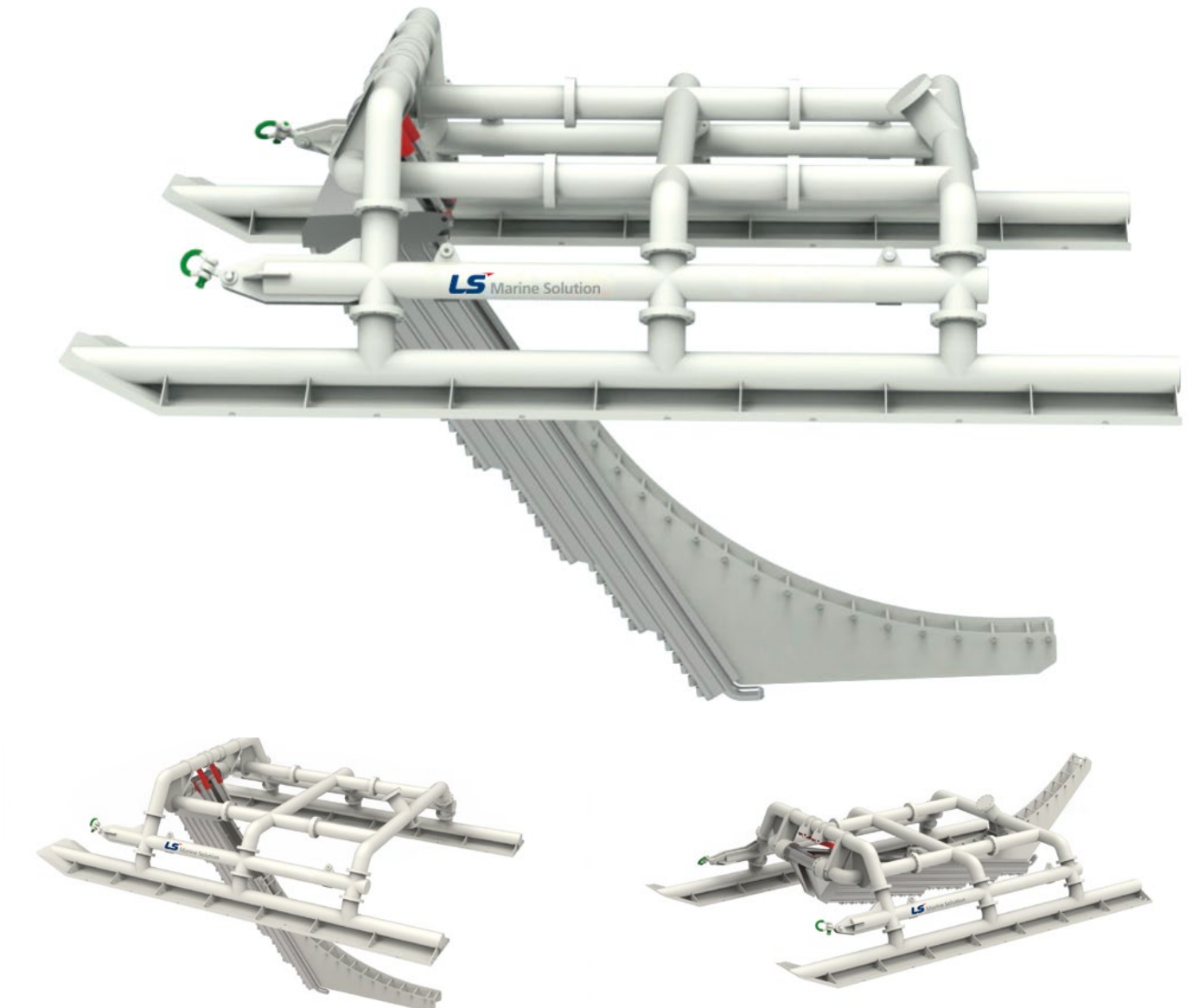


3.3m Trenching Jet Sled

DJS35 Jetting Sled



DJS35 is a towed jet sled type trencher which has been specifically configured to meet the requirements of the power cable trenching projects. DJS35 has a depth capability of 3.3m with a product MBR of 4.0m

The jetting water supply is provided by a diesel driven main water pump mounted on the trenching support vessel. The water supply is fed to DJS35 through a 10" diameter water hose which is stored on a hose reel on the support Bessel.

Electrical power and communications to the sled are provided through a lightweight umbilical which is deployed from an umbilical winch

3.3m Trenching Jet Sled System

DJS35 Jetting Sled

Technical specifications		Jetting Pump Specifications	
Max Depth	100m Water Depth	Capacity	650-800m ³ /hr
Dimensions	Length: 11.50m	Speed	1600~1900 rpm
	Width : 7.3m	Power Absorbed	320~420kw (430~560BHP)
	Height: 2.7m	Working Pressure/ Max Pressure	12bar / 18bar
Weight in Air	14Te	Engine Power	400~600HP at 1500~1900 rpm
Trenching Depth	3.0m Nominal	Shaft	Stainless Steel
	3.3m Max	Type	Horizontal Split Casing
Cable Path Width	250mm	Impeller	Marine Al-Bronze
Cable Path MBR	4,000m	Water Discharge	8" Flanged Joints
Nozzle Configuration	Ø 48x12mm Forward/Downward facing nozzles	Coupling	Flexible
	Ø 10x12mm Backwash nozzle	Seawater Manifold	4 x 8" Inlets ; 4 x 10" Outlets
	Ø 25x10mm Inward facing nozzles		
Typical Operating Parameters	12~14 bar/800~1600m ³ /hr	Hose Deployment Spooler	
Anticipated Typical Tow Force	7~10Te	Height	2600mm (Varies with addition of extra beam seg ⁷)
Main Components		Width	2440mm
- Port / STBD cable feeler proximity sensors		Length	4060mm
- 2 off depressor cable detectors		Weight	5.0Te
- Tensioner meter		Hose Length	100m/10" Hose
- Inclinometer for sword depth measurement		Render mode	Max. Tension of 2.5Te at 3.3m Max. Speed of 25m/min (HPU Dependent)
- Gyro (Pitch & Roll)		Manual mode	Max. Tension of 2.0Te at 3.3m Max. Speed of 15m/min (HPU Dependent)
- Jet pressure sensor		Power Requirements	HPU Dependent
- Water depth / Hydraulic pressure sensor			