

Sea Stallion FibrePro

Variable depth FO cable plough

The Sea Stallion FibrePro is a modular plough that can provide true 3.3m trench depths along with up to 600kW of jetting power.

The plough uses Royal IHC's proven raked share geometry with forecutters. The Royal IHC raked share design has improved stability in any soil conditions and improved trenching capability in stiff soils when compared with a 'vertical knife' share.

This plough has been designed to handle peak tow loads of 80T at full 3.3 m trench depth while weighing only 25T in air. This low weight means the plough will be compatible with many existing launch and recovery systems.

Advantages

- excellent stability during ploughing
- the raked share with forecutters has been proven to excel in stiff soil conditions, with or without jetting
- can be easily upgraded to add a range of jetting solutions
- jetting system and umbilical designed to run cooler, allowing the operator to use the full jetting performance of the plough even in the warmest of climates.

Specifications

Weight in air:	22t (2.2m variant) 25t (3.3m variant)
Dimensions on deck	
Length:	9.2m
Width:	5.1m
Height:	5.6m
Water depth rating:	2,000m
Max tow force:	60t (sustained force in normal operation) 80t (peak)
Trenching speed:	up to 1,800m/hr
Trench depth:	standard configuration 0 to 2.2m (0° aft pitch) share extension up to 3.3m
Vertical tow angle:	0-15° at max. tow force
Steering:	±15°
Cable:	Ø10-160mm
Cable joints / repeaters:	up to Ø160mm pass between share plates, up to Ø380mm are passed above the share side plates
Cable min. bend radius:	1.5m throughout cable passage
Share jetting:	150, 300 or 600kW options at nominal pressure 8bar
Customisation:	many customers have specific requirements for which we are able to supply optimal solutions upon request.

Track record

The Sea Stallion FibrePro is the latest iteration of field proven ploughs from Royal IHC's submersible technologies product portfolio. It combines both the latest technologies with over 20 years experience and expertise of delivering dozens of cable plough systems, providing operators with powerful market leading performance.

Its modular nature means that upgrade options such as jetting assemblies and share extensions can be easily installed onto the plough in situ, either at the time of delivery or at a later date, in line with clients operational and CAPEX requirements.