



SEA STALLION 3

JETTING PLOW SPECIFICATIONS

SSP3 - Jetting Plow

The SSP3 cable plow system is an IHC Sea Stallion 3 Plow uniquely designed with a 300kW variable speed jetting system, capable of a 100 Ton bollard pull. It can trench and bury submarine cable to a depth of 3.0 meters, in up to 1,500 meters of water depth, and operate in various seabed environments, ranging from dense sands to firm clays.

General Specifications

• MANUFACTURER	Royal IHC Limited
• TYPE	Telecommunications – Submarine Cable Burial
• RATED WATER DEPTH	1,500 m
• MAXIMUM BURIAL DEPTH	3.0 m
• CABLE DIAMETER	15 – 150 mm
• TOW TENSION AT PLOW	100 Ton Bollard Pull
• JETTING SYSTEM	300kW Variable Speed to 1,500m WD

NB: Host vessel's tow winch capacity, bollard pull and operational environment may dictate maximum pulling force.

System Components Weights & Dimensions

• LENGTH (MAXIMUM)	13.8 m
• WIDTH (MAXIMUM)	5.4 m
• HEIGHT (MAXIMUM)	5.3 m
• WEIGHT (DRY)	34 tons

Operational Parameters

• MINIMUM SOIL STRENGTH	5 kPa
• MINIMUM LAY CABLE BEND RADIUS	1.5 m
• REPEATER MAXIMUM DIAMETER	350 mm
• MAXIMUM SIZE OF SPLICE BOX IN THE SHARE	266 mm
• CABLE DIAMETER	15 – 150 mm
• MAXIMUM SIDE SLOPE OF THE SEABED	30°
• MAXIMUM UP/DOWN SLOPE OF THE SEABED	30°

Surveillance Equipment

• CAMERAS	4
• LIGHTS	10
• SONAR	Mesotech
• PAN & TILTS	2

Data provided for comparison purposes only. Complete system specifications available on request.

