



DATA SHEET

HI-PLOUGH

OVERVIEW

The SMD Hi-Plough is recognised globally as setting the standard in cable ploughing, reliably trenching in most soils including clays and sands. The plough is designed to minimise pull force requirements and provide effective trenching capability.

The plough is innovatively equipped with three trenching configurations, 2.2m passive share, 3m passive share and 3.25m injector share. Since launch, Hi-Plough has established a robust industry track record for achieving deep and effective cable burial protection.

KEY FEATURES

- 80 tonnes maximum pull
- Variable cable burial depth capability
- 1.5m standard minimum cable bend radius (MBR)
- Can be modified to accept a larger cable MBR
- Standard cable/product diameter 150mm
- Can be modified to accept larger cable diameters
- Repeater burial capability
- Maximum repeater size 380mm
- Rock tooth tool available
- 3.25m injector system available
- Minimum operable ground bearing pressure 5KPa

All performance figures quoted are nominal, actual performance is dependent on environmental conditions prevailing at the time of operations.

MAIN DATA

Depth rating	Up to 2000m
Weight	24t maximum in air
Length	9.8m
Width	5.6m
Height	5.0m standard 5.6m with injector share
Burial depth	Zero to 3.25m
Burial speed	Typically 0.6 – 1km/hr depending on soil conditions
Seabed type	Sands and stiff clay
Rock tooth	Deployable in front of share -0.5m trench depth -soft rock
Jetting power	Provided via 2 x 265kw submersible pumps when in jetting mode