

HI-PLOUGH PASSIVE MODE

OVERVIEW

The Global Marine 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 from zero to 3 metres depth.

Since their launch, the Hi-Plough® has established a robust track record for achieving deep cable burial protection.

KEY FEATURES

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

SUBMERSIBLE STATISTICS

Depth rating	2,000m
Weight	24t maximum in air
Length	9.8m
Width	5.6m
Height	5.0m standard 5.6m with injector share
Burial depth	Zero to 3m. Burial greater than 2m achieved via sinkage
Burial speed	Typically 0.6 – 1km/hr depending on conditions
Seabed type	Sands and stiff clay
Rock tooth	Deployable in front of share - 0.5m trench depth - soft rock

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



HI-PLOUGH JETTING MODE

OVERVIEW

The Global Marine 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 further minimise pull force requirements via its Forward and Under-heel Jetting Systems whilst providing effective trenching capability from zero to 3 metre depth.

Since their launch, the Hi-Plough® has established a robust track record for achieving deep cable burial protection.

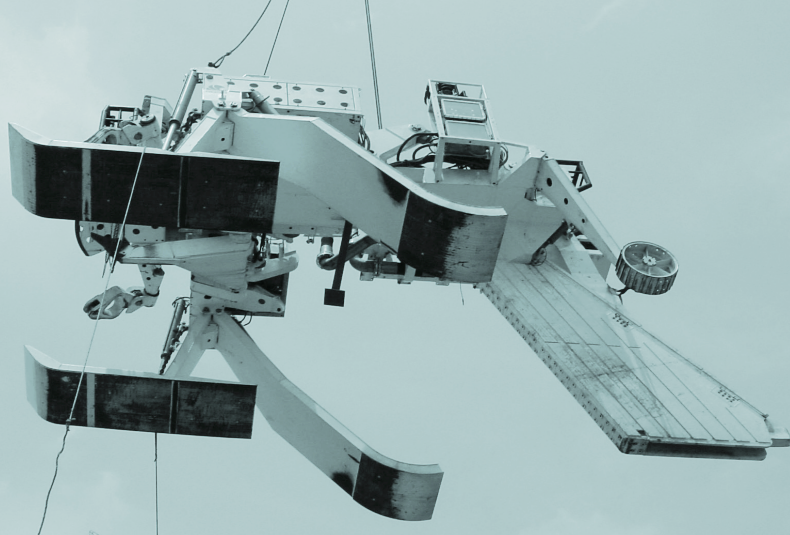
KEY FEATURES

- › 80 tonnes maximum pull
- › Variable depth
- › 1.5m standard minimum bend radius (MBR).
Can be modified to accept a larger MBR
- › Standard cable/product diameter 150mm.
Can be modified to accept larger diameters
- › Repeater burial via flaps
- › Maximum repeater size 380mm
- › Rock tooth available
- › 3.25m injector system available
- › Under-heel jetting
- › Forward jetting tool
- › 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.

SUBMERSIBLE STATISTICS

Depth rating	200m
Weight	24t maximum in air
Length	9.8m
Width	5.6m
Height	5.0m standard 5.6m with injector share
Burial depth	Zero to 3m. Burial greater than 2m achieved via under-heel jetting or sinkage in softer seabeds
Burial speed	Typically 0.6 – 1km/hr depending on 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 250kw submersible pumps



HI-PLOUGH INJECTOR MODE

OVERVIEW

The Global Marine Hi-Plough® when configured to injector mode transforms into a remotely operated jet-sled designed for the burial of submarine cables. It is capable of burial up to 3.25m at water depths of 200m.

KEY FEATURES

- › 25 tonnes maximum pull
- › Variable depth
- › 1.5m standard minimum bend radius (MBR)
- › Standard cable/product diameter 150mm
- › Repeater burial via flaps
- › Maximum repeater size 380mm
- › Minimum operable ground bearing pressure 5KPa

SUBMERSIBLE STATISTICS

Depth rating	200m
Weight	24t maximum in air
Length	9.8m
Width	5.6m
Height	5.6m
Burial depth	Zero to 3.25m
Burial speed	Typically 0.6 – 1km/hr depending on conditions
Seabed type	Sands and soils up to 40kpa
Jetting power	Provided via 2 x 250kw submersible pumps

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