

AMP1500

SPECIFICATION SHEET



ADVANCED MULTI-PASS PLOUGH

The Advanced Multi-Pass Plough (AMP) is a proven solution for pre-cut and post lay ploughing of large diameter pipelines/trunklines and flowlines in multiple soil types.

Recent upgrades to the Plough include a new forecutter type share and pipe handling system capable of safely handling product up to 1500mm.

When used in conjunction with DeepOcean's backfill plough, the plough delivers enhanced lowering and backfilling of product, even in disturbed soils.

The burial of products utilising the AMP1500 and Backfill Plough provides product protection, stabilisation and the reduction of logistic costs in terms of coating and injection.

AMP1500 has a dedicated heave compensated launch and recovery system that allows the plough to perform in extreme environmental conditions. In addition, AMP1500 creates less environmentally disturbance in comparison to other protection methods.

KEY FEATURES

- DIVERLESS OPERATION
- SHARE FORECUTTER - IMPROVES TRENCHING EFFICIENCY
- TRENCH DEPTHS TO 2.5M AT CURRENT CONFIGURATION
- PROVEN AND ACCEPTED METHODOLOGY

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PARTICULARS

MAX. OPERATING DEPTH	1000m
MAX. PRODUCT DIAMETER	1500mm with 300mm clearance through share
MIN. PRODUCT DIAMETER	75mm
BURIAL SINGLE PASS	0.2 - 2.0M
BURIAL MULTI-PASS	1.35m, 1.7m & 2.5m
MAX TOW FORCE	350te
LENGTH	22.3m
WIDTH	11.9m
HEIGHT	9.8m

WEIGHT IN AIR

BASIC PLOUGH CONFIGURATION	195te
BUOYANCY TANKS FITTED	201te
BUOYANCY UPLIFT	100te

SOIL TYPE

Suitable for a range of soil types, including sands, very soft to hard clays

PIPE LIFT CAPACITY

LIGHTWEIGHT GRAB / CRADLE	30te per cradle
HEAVYWEIGHT GRAB / CRADLE	75te per cradle

SURVEILLANCE EQUIPMENT

5 x Low light CCD cameras (B&W) - 3 fixed and 2 on pan & tilt units

8 x LED lamps - Dimmable

1 x Obstacle avoidance sonar - Gemini. Mounted on rotator

1 x Obstacle avoidance sonar - MS1000. Back up.

1 x Forward Land Sonar - Gemini

2 x Aft Profiling sonar - Gemini

1 x Octans gyro

1 x Altimeter

1 x Intelligent Pressure Sensor

1 x Positioning Responder

2 x Laser Alignment Heads

BACKFILL PLOUGH

BACK FILLING CAPACITY	0.5 - 2.5m trench
MAX. TOW FORCE	150te
LENGTH	24m
WIDTH	12m
HEIGHT	8m
WEIGHT IN AIR	152te
BOUYANCY UPLIFT	62te

SUPPORTING EQUIPMENT

Control Cabin 20ft ISO Container

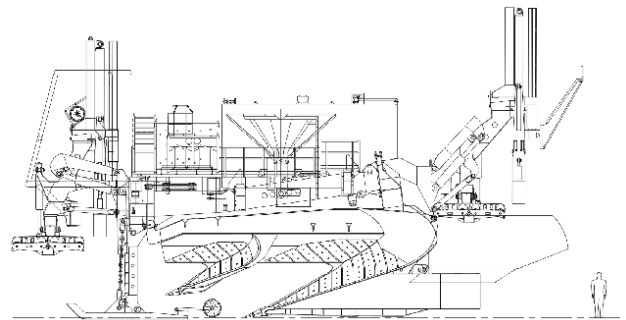
Umbilical Winch c/w high power umbilical cable

Power 10ft ISO Container

Mechanical Workshop 20ft ISO Container

Stores 20ft ISO Container

Electrical Workshop 10ft ISO Container



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SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE.