

1000M SEAEYE FALCON DR PERIPHERAL EQUIPMENT



Umbilical

Standard with 1000ft/300m fiber optic umbilical

Various options available

from 1000ft/300m through to 10,000ft/3000m +

Full 3300ft/1000m working depth lifting umbilical

Cameras

1 each x 480 line/0.2 Lux color CCD Camera (on 180° tilt mechanism)

2 each x 460 line/1 Lux color CCD Camera (internam LED illumination)

Tooling

5 - Function Manipulator

Single function, three-jaw grabber with soft line rope cutter

Sample scoop option for grip stick (4"/100mm scoop with open/close door)

Rotary actuator for non-specific tooling functions

Sonars

Imagenex 881a Imaging scanning sonar

Imagenex 881a Profiling scanning sonar

Fitted with slaved platform capable of carrying Didson multibeam sonar or other multibeam

Video Recording

Video overlay display showing such parameters as time/date, penetration distance, pipe/station number, camera name, NDT sample reading, heading, pitch and roll

All three video channels recorded independently to high resolution DVR allowing consecutive playback of recorded video

Audio commentary recorded as required

Sonar/profiler data recorded continuously for later playback both as sonar file and as video

Distance measurement (option for pipeline/tunnel penetrations)

Friction driven wheel line counter on umbilical

Accurate to better then 0.3% of penetration distance

Penetration distance logged to disk for post processing and displayed on center tilt camera video