

“MANINA” - SPECIAL REMOTE CUTTING TOOL

Basic Equipment Datasheet



DESCRIPTION:

The special remote cutting tool has been purposely studied and manufactured by PCS to help operation of underwater cable cut thus avoiding the need of divers operation.

This tool allow a safe and precise cut of the submarine cables and consequent lifting to the vessel for the jointing operation.

All activities are remotely controlled and therefore the risk for divers is greatly reduced. A specific hydraulic unit and umbilical allow a safe and reliable operation in any condition.

TECHNICAL DATA

Dimension:

- Length: 2.0 m
- Width: 1.2 m
- Height: 1.4 m

- Weight: 550 Kg

Additional Data:

- Working pressure: 250 bar
- Max admissible water depth: 100 m
- Max cable diameter for cut: 180 mm

“MANINA” - Hydraulic Power Unit HPU - C7 MAN

Basic Equipment Datasheet



DESCRIPTION:

Electrically driven hydraulic power units are essential to generate power for all laying equipment. P.C.S. has availability of different motorizations, according to the power needed by a specific outfit to be used. The remote control allows a better and safer operation for the equipment.

Hydraulic Power Unit HPU - C7 MAN normally is used with PCS “MANINA” Special remote cutting tool.

TECHNICAL DATA

Dimension:

- *Length:* 2.00 m
- *Width:* 0.65 m
- *Height:* 1.60 m

- *Weight:* 600 Kg

Additional Data:

- *Required power supply:* 415/440V 3ph 50/60 Hz
- *Electric motor power:* 7.5 kW
- *Full load current:* 16 A
- *Max flow rate:* 26 l/min - 50Hz
31 l/min - 60Hz
- *Max pressure:* 250 bar
- *Hydraulic oil cooler:* oil/air
- *Oil Tank:* 100 lt

MOBILE LABORATORY for MV and FO cables jointing operations Basic Equipment Datasheet



DESCRIPTION:

Our mobile laboratory is always mobilised for jointing operations on Medium Voltage and Fibre Optic cables jointing. Inside the laboratory the ambient temperature is kept under continuous control by a special equipment to avoid extreme conditions that may affect jointing operations on submarine cables.

The laboratory has been designed and manufactured by PCS in order to receive cables to be jointed without modifying the internal conditions allowing anyway an easy opening in case of cables emergency abandonment.

TECHNICAL DATA

Dimension:

- *Length:* 5.80 m
- *Width:* 2.20 m
- *Height:* 2.30 m

- *Weight:* 1.47 tons