

## Tcount 20" marine counter block

A high quality precision block complete with "Tcount", marine cable counter sensor for measuring the length of cable or umbilical passing over the sheave.

The block is designed for use with **Tcount**, a wireless electronic counter system, and is made from lightweight aluminium alloy casting providing optimum strength to weight characteristics.

Long-life bearings are fitted for trouble free operation under adverse operating conditions. The sheave is heat treated to increase wear resistance.

The sheave can be machined for any cable diameter up to 25mm at time of order.

### Cable entry

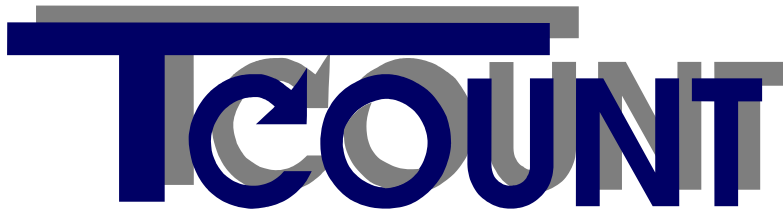


The radio transmission from the integral snatch block sensor is received by a small radio receiver and displayed on a standard P.C. or/and Tcount LCD terminal, (DTD254). The sheave is supplied with one magnet giving a resolution of approximately 1.5 metres depending on the groove size. A second position for an extra magnet is provided allowing a second magnet to be fitted at any time, if required, to give a resolution of 0.75 metres; this will reduce the maximum count before roll-over occurs.

The cable is inserted by unscrewing a knurled captive fixing screw allowing the fixing to be moved out of the way and the cable inserted. A cam device rotates with the fixing block and prevents the cable from pulling out of the sheave groove.

#### **Hand terminal Option:**

A ruggedised hand-held receiver/display unit, (HHD178) is available for use on deck.



**GENERAL SPECIFICATIONS**

**20" BLOCK**

- Height ----- 950mm
- Sheave wheel diameter----- 508mm (20")
- Overall width ----- 150mm
- Standard groove size ----- 25mm
- Safe working load ----- 5 ton
- Material ----- LM25 TF alloy

**BLOCK SENSOR**

- Radio range ----- Maximum 200 metres
- Frequency ----- 418 MHz (MPT1340 MT)
- Power ----- Lithium battery
- Life standby----- 10 years standby\*
- Life operational ----- 6 years\*\*
- Maximum count ----- 8192 \* 1.48\*\*\*
- Material ----- Marine grade stainless steel

- \* Assumes the snatch block wheel to be stationary
- \*\* Assumes a count of 6000 revolutions every day!
- \*\*\* Dependent on circumference of sheave (1.48 metres nominal)

**REPRESENTED BY:**