

CM2 COUNTING PULLEY SPECIFICATION Issue 1, January '09

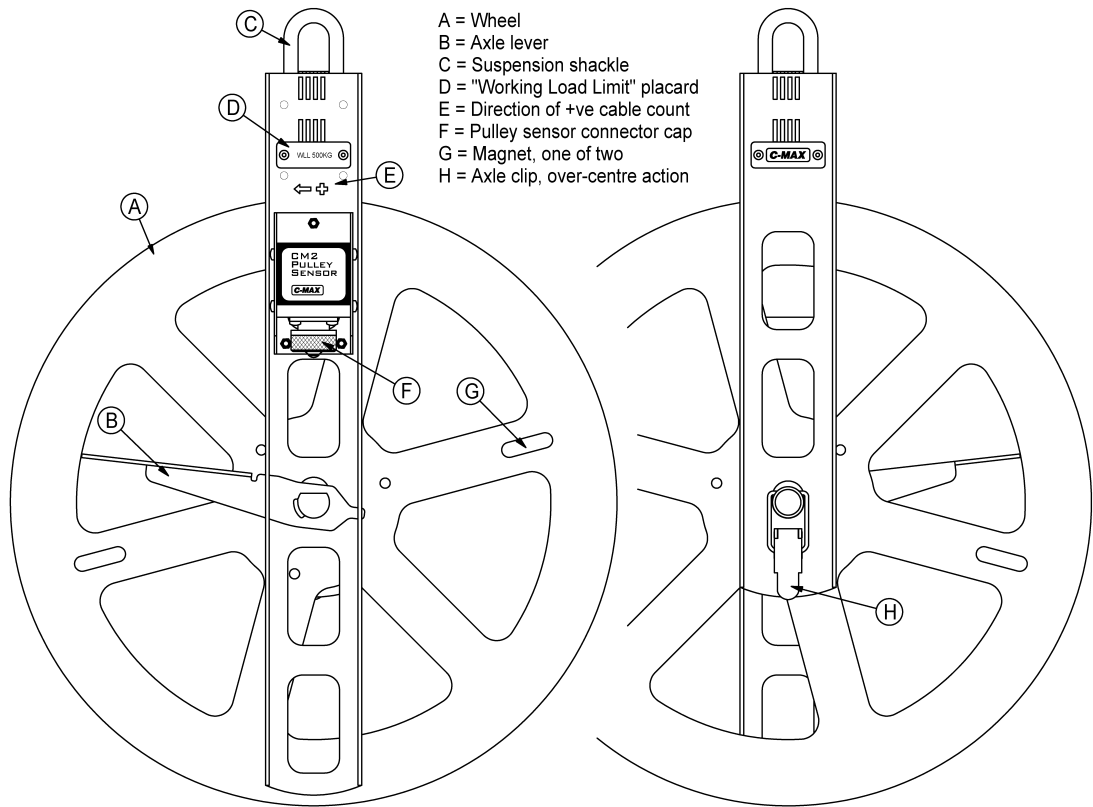
1. GENERAL

The C-MAX CM2 Counting Pulleys are designed primarily to measure the deployed length of sidescan sonar tow cable. They are available in two versions, Standard (S) and Large (L). The pulleys are also available in a non-counting configuration, i.e. without the sensor unit.

The pulleys have a circumference of 0.5m and 1.0m respectively. Rotations are counted by the sensor unit by the passing of a peripheral magnet (S), or magnets (L).

The sensor unit is connected to the user's PC via an RS232 interface.

Counting pulley display software allows the current reading to be displayed in a window.



CM2 Counting Pulley, Large

The pulley is opened to allow the cable to be fitted or removed by releasing the axle clip, then depressing the axle lever and swinging up the arm on which the axle clip is fitted.

CM2 Sidescan Sonar Specifications

2. INTERFACE

Interface: RS232, 4800 baud

Sensor power: extracted from the RTS and DTR lines

Interface cable length: 5m - 50m

3. DISPLAY SOFTWARE

Requires Windows 2000 or later.

Controls: preset to specified value, reset to zero

Measurement resolution: 0.5m

4. MECHANICAL

Working load limit: 500kg

Cable diameter: 3mm - 11mm

Cable bending radius: 79.5mm (S), 159mm (L)

Construction: acetal pulley, stainless steel (316) frame

Dimensions: 270 x 210 x 85mm (S), 430 x 330 x 85mm (L)

Weight: 1.5kg (S), 2.7kg (L)

The above specifications may be changed without notice.

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