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## (4) PROMOTOR DHPU Winches

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### PRODUCT DESCRIPTION

(4) Diesel Hydraulic Power Pack (DHPU) by PROMOTOR

Diesel Engine: 120kw@1800rpm Cummins 6BTA5.9-GM120

Piston Pump: 145ml/r@350bar Danfoss D1P145RA TPSN S D4 NI

Gear Pump: 22.5ml/r@280bar Rexroth

Air Cooler .85kW/ -C@26bar DEO DELH-9-P

Return Filter: 63oLPM210um

DHPU Working Pressure: 250bar

Hyd. Oil Tank Capacity: 1100 L

Fuel Tank Capacity: 400 L.

35 Ton Double Drum Hydraulic Mooring Winch by PROMOTOR – 4 pieces

Model: PM-HDD-35-60

Type: Double Drum (Side by Side)

Configuration: 2 x Left Hand & 2 x Right Hand.

Power: Hydraulic.

Rope Direction: Down Coil – Under Wind.

Warping Head: One 450mm





Drum Capacity (2): Dia. 48mm by 150mm Polypropylene  
Rope 6 layers each drum.

Rated Pull: 37.0Ton x 0-10m/minimum at 1st layer.

31.0Ton x 0-12m/Minimum at 2nd layer.

(Note: Full capacity of 35 ton pull for a single drum  
operation, but heaving capability will be reduced by  
approximately half if both drums

Operate simultaneously.)

Drum Brake Hold: 60.0Ton (Static – 1st layer)

Brake Type: Spring Loaded, hydraulic released.

Control: Free standing type adjacent to winch.

Hydraulic Motor: Sai (Italy).

Control Valve: Danfoss (Denmark) or Rexroth (Germany)  
or Sun (USA).

Power Required: Approximately 90kW

Flow required: Approximately 140 L/m Pressure  
required: Approximately 20 Bar.

Weight: Approximately 7.5 Ton (Without Rope)

Dimension: Approximately L1771 x W3633 x H1496mm.

Certification: 3rd Party ABS Witness or similar.

**Categories:** [Winches](#)

**Winch Manufacturer / Brand** PROMOTOR

**Number of Drums** 2

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