



MULTI-PURPOSE POWER PACK 1 - Versatile hydraulic power units

PROVEN OIL SPILL TECHNOLOGY

MULTI-PURPOSE POWER PACK 1 - Versatile hydraulic power units

DESMI Ro-Clean offers a very comprehensive range of diesel and electrically driven hydraulic power packs (hydraulic power units) for operating oil spill control equipment such as boom reels, skimmers and pumps, as well as other devices.

Many of these power packs are offered with two or more hydraulic circuits. Our oil spill products have been adapted to work with these power packs and therefore reduce the number of single function power packs to an absolute minimum. This provides the operator with the most versatile equipment.

In addition these units may reduce the overall investment of establishing an oil spill response capability. The power packs are designed for easy access to components and have steel frames that are hot galvanised or epoxy painted.

The 25 kW / 33 hp model is available with either manual or electronic remote controls, so the operator can place himself in the best position to observe the activity - vastly improving safety. All models of power pack excluding the 3.1kW model can be fitted with an optional air blower for boom inflation and deflation reducing the need for ancillary equipment.



Advantages of our smaller MULTI-PURPOSE POWER PACKS:

- Lightweight and portable diesel-hydraulic power packs from 3.1kW to 25kW for operation of a wide range of equipment
- Manual or electrical proportional flow control valves
- Remote controls available for the 25 kW / 34 hp power pack
- Site wheels and handles for manoeuvrability
- Can be fitted with optional air blower for boom inflation/deflation
- The 25 kW power pack is equipped with a load sensing hydraulic control system (energy saving system)

TECHNICAL DATA

Model - DESMI	3.1 kW / 4.2 hp	5.2 kW / 7 hp	15 kW / 20 hp	25 kW / 34 hp
Max total hydraulic flow & pressure:	16.5 lpm / 4.3 US gpm 120 bar / 1,740 psi	24 lpm / 6.3 US gpm 120 bar / 1,740 psi	51 lpm at 3000 rpm / 13.5 US gpm 210 bar / 3,045 psi	117 lpm / 31 US gpm 210 bar / 3,045 psi
No of circuits:	1	2	1 to 3	1 to 4
Oil Cooler:	No	No	Yes	Yes
Starting options:	Hand	Hand / electric	Hand / electric	Hand / electric
Standard hydraulic connection	½ in	½ in 3/8 in drain	3/4 in-1/2 in 3/8 in drain	¾ in ½ in 3/8 in drain
Frame finish:	Epoxy painted	Galvanised	Stainless steel	Galvanised
Air blower (for boom inflation):	-	Optional	Optional (extern)	Optional
	Site wheels	Site wheels	Site wheels	Site / road wheels
Weight:	115 kg / 253 lbs	220 kg / 485 lbs	330 kg / 727 lbs	580 kg / 1,278 lbs
Dimensions:	0.6 x 0.66 x 0.78 m / 23 x 26 x 31 in	1.0 x 0.7 x 1.0 m / 39 x 27 x 39 in	1.0 x 0.7 x 0.91 m / 39 x 27 x 36 in	1.5 x 0.9 x 1.25 m / 60 x 35 x 49 in
Silent engine available:	No	No	No	Yes

The 25 kW / 34 hp Multi-purpose power pack can be supplied with a hydraulic knuckle crane incorporated on the same skid frame. The DOP-160 vertical screw pump can be attached to the end of the knuckle crane for powered handling. Additionally the crane may be used for a variety of purposes including skimmer handling.

Our proven equipment is specially designed and constructed for use by emergency services.