

PARTNER HE 40/ HP 40 MARK II



Anyone looking for a hydraulic power pack which is easier to operate and can be used for additional applications has two good solutions to choose between, the Partner HE 40 and HP 40 Mark II.



The HE 40/HP 40 are air-cooled and independent of water.

ELECTRICAL OR PETROL- DRIVEN HYDRAULIC POWER PACK WITH VARIABLE FLOW.

The Partner HE 40 and HP 40 are two compact hydraulic power pack with variable flow for the three different hydraulic tool classes 20, 30 and 40 l/min.

An electrical version, based on the company's fine experience of the petrol-driven HP 40 Mk II with variable flow, the HE 40 Power Pack, is now available.

In principle, the hydraulic section is identical in both models, but it has, of course, been adapted to suit the different power sources, the petrol-driven engine and the electric motor.

Variable flow makes it possible to use more tools!

The new HE 40/HP 40 are far superior from the competition on the market for hydraulic units as a result of their tremendous versatility. The vast majority of hydraulic power packs only supply one flow and are therefore only suitable for one class of tools.

The Partner HE 40/HP 40 can power everything from wall saws and large core drills to small drill hammers and pumps. The flow is regulated in three fixed stages:

- 40 l/min: For the Partner K3500 and K2500, for example, wall saws and core drills.
- 30 l/min: For cutting machines and large hydraulic hammers, for example.
- 20 l/min: A standard flow for small hydraulic tools, drill hammers and pumps, for example.

Highly efficient oil cooler

The large cooler with its separate fan covers the whole of one side. The oil is conducted through heavy duty hydraulic hoses which are highly resistant to the compressive pulses produced by hydraulic hammers, for example. The large oil tank capacity gives the oil sufficient time to be de-aerated.



The best power sources money can buy

The HE 40 has a newly-developed electric motor which weighs 3-4 kg less than the standard motors which are normally used and produces an output which is approx. 5% higher. The HP 40 has a 16 h.p. (12 kW) Briggs & Stratton Vanguard engine, in which the hydraulic system regulates the engine speed and enables the engine to idle when the tools are not in use.



The world's most compact air-cooled hydraulic power pack

The size of the HE 40 produces a volume of 0.219 m³, 0.221 m³ for the HP 40, which can be compared with the 0.306 m³ of its smallest air-cooled competitor.

The low weight, convenient handle system, pneumatic rubber wheels, hose and tool holder and the centrally-located lifting eyelet make these sets easier to transport and power pack.

The instrument panel has everything that is needed

All the controls, gauges, couplings and filler points are located at an easy to view height on the panel. The standard equipment includes:

- | | |
|---------------------------|-----------------------------|
| HE 40 | HP 40 Mark II |
| Hydraulic pressure gauge | Operating time gauge |
| Filter gauge | for oil and filter exchange |
| Oil level gauge | Fuel level gauge |
| Oil temperature gauge | Oil level gauge |
| Engine rotation indicator | Oil temperature gauge |
| | Electrical start |

TECHNICAL DATA:

Flows	Variable 40, 30 or 20 l/min
Max. pressure	140 bar
HE 40 electric motor	Twin-pole, 3,000/2,860 rpm, 380-420 V, 3-phase, 50 Hz, 8.1 kW, max. 16 A. Alternative: 200-240 V, 3-phase, 50 Hz, max 32 A.
HP 40 petrol engine	16 h.p. (12 kW)
Volume, petrol tank	15 l
Hydraulic oil cooler	Air-cooled with separate fan
Hydraulic oil filter	Disposable 10-micron filter cartridge in the return pipe
Hydraulic oil tank	Refill volume HE 40 9.4 l Refill volume HP 40 10 l
Hydraulic hoses and spill-proof couplings	Supplied with a 9.1-metre hose with flat face. HTMA standard couplings
Dimensions	Height 630 mm/HE 40, 640 mm/HP 40 Length 690 mm/HE 40, 680 mm/HP 40 Width 505 mm /HE 40, 510 mm/HP 40
Weight (without oil)	88 kg

Noise levels dB(A)	Pressure		Power	
	HE 40	HP 40	HE 40	HP 40
No load	82	79	98	92
Full load	79	94	96	107



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