



PMF-15/3/40/4 x 3 M

INFO

All extra loads can be meter-read permanently.

PMF Multiple-flow hydraulic power packs

Multiple-flow hydraulic pumps can advance four cylinders with the same speed at the same time by injecting equal amounts of hydraulic oil into each individual cylinder. This principle allows a synchronized lifting of machines or similar loads from a central point. Even under different loading conditions the cylinders advance in synchronisation.

Levelling of a lopsided load is easily possible by an individual control of each single cylinder. The lifting phase is initiated by a push-button remote control box and can be interrupted and continued at any time.

Lowering of the load is done by operating the directional valve in connection with the throttle valve individually for each circuit. The multiple-flow pumps can drive all kinds of hydraulic cylinders, machine jacks or stage lifts.

Features

- 4-point synchronized lift due to 4 equal, independent and individual oil flows.
- 4 manually operated directional valves, or 4 solenoid directional valves allow an individual or joint control of all 4 connected cylinders (easy levelling of loads).
- Safe load hold due to check valve in each circuit.
- One-man central operation.
- Motor on-off switch by means of a pendant remote control box in connection with manual valves
- A complete remote control box to operate the solenoid valves.

Optional

- All pump packs are also available with 4/3 direction-valves (for controlling the double-acting hydraulic cylinders).
- All power packs can be supplied with a protection frame suitable for on-site operation.
Also cart-frames with 2 fixed and 2 swivel castors are available on request.

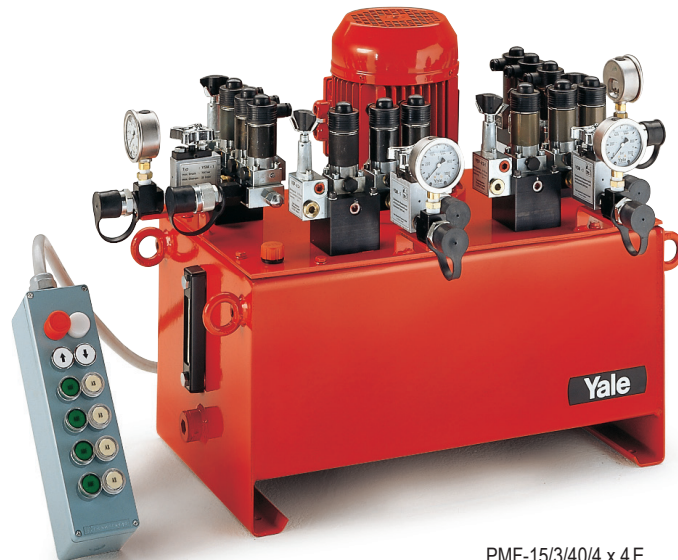
Scope of delivery

For each of the four circuits the ready-to-use supply includes: glycerine-damped pressure gauge, 3-way control valve, safety-check valve, a female coupler-half as connecting port. Furthermore: hydraulic oil, carrying handles, motor on-off switch, motor connecting cable, pendant remote control, electro-box with transformer and motor relays, oil level gauge and oil-filler/ventilation plug. All multiple-flow power packs are also available with 4-way directional valves in order to operate double-acting hydraulic cylinders.

PMF 4-multiple-flow power packs with solenoid directional valves

4-multiple-flow power packs with solenoid directional valves to advance 4 hydraulic cylinders independently and in a synchronized way by means of solenoid valves with a pendant remote control box.

The solenoid valves in connection with safety-throttle valves allow a precise control of all connected hydraulic cylinders.



PMF-15/3/40/4 x 4 E

Technical data PMF

Model	Art.-No.	Operating pressure max. bar	Displacement l/min	Manual valve	Solenoid valve	Motor remote control	Reservoir size l	E-motor
PMF-07/3/20/2 x 3 M	N12300047	2 x 700	2 x 0.3	•	–	•	20	0.75 kW - 400 V - 3 Ph
PMF-07/3/20/2 x 3 E	–	2 x 700	2 x 0.3	–	•	–	20	0.75 kW - 400 V - 3 Ph
PMF-15/3/20/2 x 3 M	192018656	2 x 700	2 x 0.6	•	–	•	20	1.5 kW - 400 V - 3 Ph
PMF-15/3/20/2 x 3 E	–	2 x 700	2 x 0.6	–	•	–	20	1.5 kW - 400 V - 3 Ph
PMF-15/3/40/4 x 3 M	N12300924	4 x 700	4 x 0.3	•	–	•	40	1.5 kW - 400 V - 3 Ph
PMF-15/3/40/4 x 3 E	N12300003	4 x 700	4 x 0.3	–	•	–	40	1.5 kW - 400 V - 3 Ph
PMF-30/3/40/4 x 3 M	N12300007	4 x 700	4 x 0.6	•	–	•	40	3.0 kW - 400 V - 3 Ph
PMF-30/3/40/4 x 3 E	N12300005	4 x 700	4 x 0.6	–	•	–	40	3.0 kW - 400 V - 3 Ph
PMF-55/3/100/4 x 3 E	–	4 x 700	4 x 1.0	–	•	–	100	5.5 kW - 400 V - 3 Ph
PMF-110/3/100/4 x 3 E	–	4 x 700	4 x 2.1	–	•	–	100	11.0 kW - 400 V - 3 Ph

INFO

All multiple-flow power packs are also available with 4-way directional valves in order to operate double-acting hydraulic cylinders model PMF.