



SM0033 Speed-Midget ® Hand hydraulic pump

Features:

A versatile, remote control pump for use with all Speed-Midget ® rams. Lightweight, compact for portable or fixed applications...6 pump strokes per inch (25 mm) of ram travel, 30 strokes for full extension. Built-in filters and magnet for longer, trouble-free service.

Specifications:

PSI developed – 7000 (490 kg/cm²)
 Oil Capacity – 12-½ cu. in. (200 cm³)
 Displacement/stroke cu. in. - .196 (3 cm³)
 Pump plunger stroke – 1” (25 mm)
 Weight (with oil) pounds – 9 (4 kg)
 Hose hole thread – ¼” – 18 NPTF
 For use with rams SM0034, SM0024, SM0014, SM0014T and SM0034P and spreader SM0100



BU0483 Hydro-Chief™ Hand hydraulic pump

Features:

Remote control pump. Magnet and screen filter out dirt, metal filings, etc. and help protect unit for long trouble-free life.

Specifications:

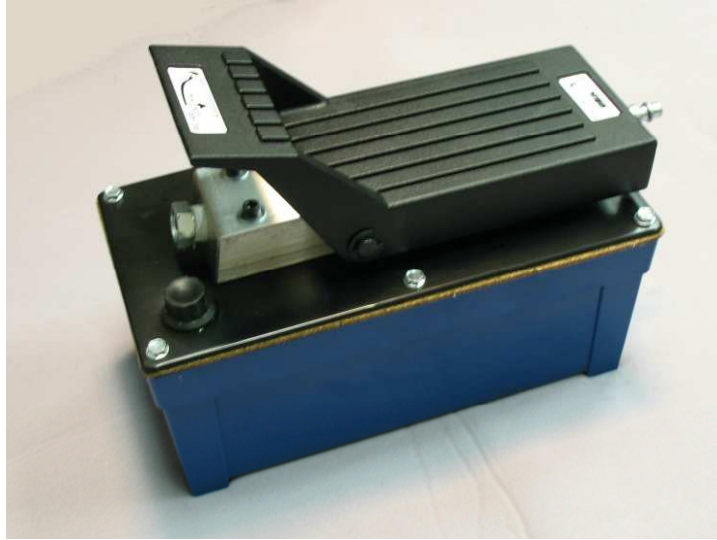
PSI developed – 8350 (584 kg/cm²)
 Oil Capacity – 25 cu. in. (400 cm³)
 Displacement/stroke cu. in. - .196 (3 cm³)
 Pump plunger stroke – 1” (25 mm)
 Weight (with oil) pounds – 10-¼ (5 kg)
 Hose hole thread – ¾” – 18 NPTF
 For use with rams BU0484, BU1484 and SM0134P

P-F Hydraulic Pump Specifications

**Speed-Midget ® SM0033 and
 Hydro-Chief™ BU0483 pumps have the
 following exclusive features:**

- Filter screens at hose holes to prevent dirt from entering pump or ram
- Magnet in pump reservoir designed to accumulate metal chips and filings to insure correct ball valve seating and to prevent ram seal damage
- Fast ¼ turn valve release for ease in extending and retracting ram
- Broad base design for pump stability in awkward positions
- Quick opening ¼ turn filler screw for ease in operating, bleeding and adding hydraulic oil
- Foolproof retaining clip so release valve cannot be removed inadvertently
- Stainless steel balls and springs are seated in a coined steel seat for long trouble-free life
- Maxi-micro finish on pump piston insures that the pump seals last longer
- Pump piston packings are heat resistant for longer life
- Safety relief valve allows safe, no overload operation
- Every P-F ® pump is factory tested twice for correct pumping pressure
- Liquid sealant used on hose connections eliminates possible leaks
- New baked epoxy finish gives corrosion protection and long like-new appearance
- Soft plastic pump handle grip for comfortable operation
- Pump handle unscrews for easy storage
- All steel drop forged pump base guaranteed to take years of hard use
- Detergent, non-foaming P-F ® hydraulic oil is formulated for proper lubrication of seals and non-corrosive operation

PF1000, PF2000 and PF3000 air/hydraulic pumps



Compare these 4 unique features:

- Internal relief valve protects hydraulic system components regardless of air pressure
- Two-stage release mechanism allows for controlled ram return protecting system components
- An 80 cu. in. (1280 cm³) reservoir allows the pump to be used with larger rams with longer stroke
- Pump weighs only 18 easily portable pounds (8 kg)

Dimensions

Height (top of pedal) – 7-³/₄" (20 cm)

Height (lower pedal) – 5-⁷/₈" (15 cm)

Height (top of tank) – 4-¹/₄" (11 cm)

Tank length – 10" (25 cm)

Tank width – 5" (13 cm)

Pedal length – 9" (23 cm)

Pedal width – 4" (10 cm)

Required air supply – 40-120 PSI (2-8 kg/cm²)

Hose hole thread – ³/₈" – 18 NPTF

PF1000 (4-ton)

- PSI developed – 7,000 (490 kg/cm²)
- ³/₈"-18 to ¹/₄"-18 NPTF reducer supplied with each pump
- For use with rams SM0034, SM0024, SM0014, SM0014T and SM0034P and spreader SM0100

PF2000 (10-ton)

- PSI developed – 8,000 (560 kg/cm²)
- For use with rams BU0484, BU1484 and SM0134P

PF3000 (10,000 PSI)

- PSI developed – 10,000 (700 kg/cm²)