



## High Volume Grease Transfer Package

3:1 pressure ratio pump with a PM60 air motor for high volume grease transfer through short hoses with a minimum ID of 1 1/2". Pump is mounted to an air operated double post power ram. This makes it possible for the end user to empty 400 lb drum in less than three minutes (NLGI-2 grease at 70°F, 100 psi air inlet pressure and a 2" delivery hose).

Pump air connection accessories and fluid outlet hoses are not included.

### 6" air motor

Mechanically actuated air valve with only three moving parts and no springs. Large effective area for maximum pumping power

### Efficient air exhaust

No ice forming, no stalling pump operation

### Long life packings

Dual packing seals provides longer trouble free operation

### Pump mounted on air operated power ram

Aids pump prime, eliminates air pockets, facilitates the replacement of an empty drum

## ORDER INFORMATION

**534 321** | PM60 3:1 High Volume Grease Transfer Package

SAMSON recommends using an air filter and air pressure regulator at the pump air inlet. Use 1/2" air accessories to obtain pump maximum performance. For higher delivery, always use the shortest possible delivery hose with the largest I.D. possible.

## TECHNICAL SPECIFICATIONS

Pump ratio	3:1
Air pressure operating range	20 – 150 psi (1.5 – 10.3 bar)
Air consumption <sup>(1)</sup>	44 scfm (1.250 NI/min)
Maximum outlet pressure	450 psi (31 bar)
Air motor effective diameter	6" (150 mm)
Air motor stroke	4" (100 mm)
Maximum free flow	330 lb/min (150 Kg/min)
Continuous duty flow rate at 80 cpm	132 lb/min (60 Kg/min)
Air inlet	1/2" NPT (F)
Fluid outlet	2" NPT (F)
Wetted materials	Steel / Hard chromed steel / Zinc plated steel / Aluminum / PTFE / NBR / FKM / PU / Nickel plated aluminum
Noise level	Pump noise level meets OSHA requirements at all recommended operating air pressures
Manual	853 833

(1) Air consumption at 70 psi air pressure, NLGI-2 grease at 68 °F and 60 cpm.

Dimensions in inches (mm)

