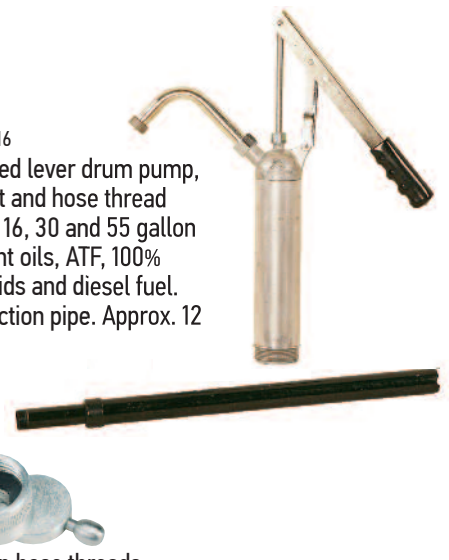


## HAND OPERATED PUMPS

MODEL **MA-5R**, P/N 1005R  
 Cast iron rotary hand pump, two vane construction, for use with lubricating oils. Comes complete with 2" bung adapter and three piece steel suction pipe. Not recommended for use with gasoline. Approx. 20 revolutions per gallon.



MODEL **MA-16**, P/N 10016  
 Heavy duty hand operated lever drum pump, with high volume output and hose thread fitting at discharge. Fits 16, 30 and 55 gallon drums. For use with light oils, ATF, 100% antifreeze, hydraulic fluids and diesel fuel. Includes telescoping suction pipe. Approx. 12 strokes/gal.



P/N **904005**  
 Non Drip Tip with garden hose threads for use with MA-16 hand pumps.



MODEL **MA-9**, P/N 10009  
 "T" Handle pump with curved "turn up" non drip spout. Includes 2" bung adapter suitable for 16 to 55 gallon drums. Typical uses include diesel fuel, light oils, ATF, antifreeze and other similar petroleum products. Approx. 1 stroke/qt.



MODEL **MA-9T**, P/N 10009T  
 Same as above but with heavy duty construction for heavy duty applications.

MODEL **MA-10**, P/N 10010  
 Lever pail pump fits 5 to 6½ gallon pails. Dispenses gear lube via a 6' nylon reinforced vinyl hose with curved discharge spout. Positive lock nut holds pump securely in position. Approx. 16 strokes/pint.



MODEL **MA-10P**, 10010P  
 Same as MA-10, but includes P/N 100200 Electronic pint meter.



MODEL **MA-10M**, P/N 10010M  
 Same as P/N 10010 except a lower gear case fitting replaces the discharge spout. For use with outboard marine engines.



MODEL **MA-12**, P/N 10012  
 Tire sealant pump constructed entirely from aluminum to prevent corrosion. Has unique double shaft seal to allow high pressure application without leakage past piston seal. Includes 2" bung adapter with integral return port, quick release coupler, graduated pump shaft and 6' nylon reinforced hose. Max. discharge volume of 8 oz. per stroke.



MODEL **MA-12-C**, P/N 10012-C  
 Same as model MA-12 except this includes cover and retaining nut to fit 5 - 6½ gallon container.



MODEL **MA-12-K**, P/N 10012-K  
 Extension kit designed to fit models MA-12 to allow pump to be used with 16 gallon, 30 gallon and 55 gallon drums. Also includes 6' discharge hose extension.



P/N **981001R**  
 5' Hose Kit with curved spout and hose clamp to fit MA-5R.

P/N **981001P**  
 5' Hose Kit with curved spout and garden hose connection to fit MA-16.

