

# HAND PUMPS

ROTARY

MS

LP

POLY

RYTON®

TEFLON®

- 25 – 100 litres per minute
- diesels & oils
- water
- chemicals
- ✓ budget transfer
- ✓ performance transfer
- ✓ specialist transfer

Model **MS** is a basic, fully rotary, cast iron and brass hand pump for diesel, paraffin and oil transfer. Supplied with 25mm outlet spout, 30mm x 1000mm rigid riser tube, barrel adaptor, strainer stand and operating handle. It should not pump water, petrol, chemicals, solvents or products with a low flash point.

Model **LP** is a high output, fully rotary, alloy and aluminium hand pump for unleaded petrol, diesel, paraffin and low viscosity oil transfer. Supplied with an outlet spout, 1000mm riser tube, barrel adaptor, strainer, operating handle and 1 metre discharge pipe. It should not pump water, chemicals, or solvents.

The **Poly** and **Ryton®** models are lightweight, fully rotary pumps for chemical resistance. The **Teflon®** model is of a similar design, but for extremely aggressive chemicals and solvents and highly concentrated acids and alkalis up to 100%. Supplied with 19mm outlet pipe, 3 part (390mm) intake tube (assembles to 1200mm), barrel adaptor and operating handle. Alternative adaptors are available, as an optional extra, to enable use of pump on a barrel/container without a 2" BSPF connection.

**Poly:** polypropylene construction, phenolic vanes, Viton® seals, polyethylene flange gaskets. Suitable for water based solutions of acids, alkalis and salts, some organic solvents, water and all petroleum products.

**Ryton®:** Ryton® construction, Ryton® vanes, Viton® seals, Teflon flange gaskets. Suitable for aggressive chemicals such as chlorinated solvents, aromatic and aliphatic hydrocarbons. Not suitable for ketones or esters or very strong oxidising agents in a concentrated form (i.e. nitric acid over 50%).

**Teflon®:** constructed exclusively from Teflon® and 304 stainless steel. Suitable for extremely aggressive chemicals and solvents, highly concentrated acids and alkalis up to 100%

*We strongly recommend that you provide our Sales Department with written details of your application so that the correct selection can be made.*

*Static electricity may be generated by the operation of rotary pumps. In order to prevent sparking caused by static build-up, when pumping flammable liquids an insulated bonding wire must be used i.e. the container must be grounded to earth by means of a conductive earthing lead, fastened between the container and a suitable grounded earth point.*



model	outlet (mm)	flow (l/min)	w x l x h (mm)	weight (kgs)
MS (1 unit)	25	25	130x220x1265	5.5
MS (box of 6, per unit)	25	25	130x220x1265	5.5
LP	32	100	252x295x1137	7.6
Poly	25	35	130x220x1265	2.9
Ryton®	25	35	130x220x1265	2.9
Teflon®	25	35	130x220x1265	1.6
version is available for liquid foodstuffs (juice, milk, wine, water, oils, vinegar)				
Optional extra: adaptor to enable use of pump on barrel/container without 2" BSP				

## ACCESSORIES

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