

MINI PUMP SYSTEM

TECHNICAL SPECIFICATION

MINI-PUMP SYSTEM

OS/0634 basic system

OS/0634-S basic system + safety devices

Application

The Mini Transfer Pump System has been designed to complement the Mini-Vac system. This allows continuous operation of the Mini-Vac by pumping recovered oil from the Mini Hopper to a larger storage facility. More than one Mini Transfer Pump System can be used to extend the transfer distance. The transfer pump can also be used solely as a pump or coupled to a skimmer. The whole system has been made hand transportable – two-man lift – to enable it to be moved to and from difficult access sites. The small footprint of the assembled system allows easy transport and storage.

Options

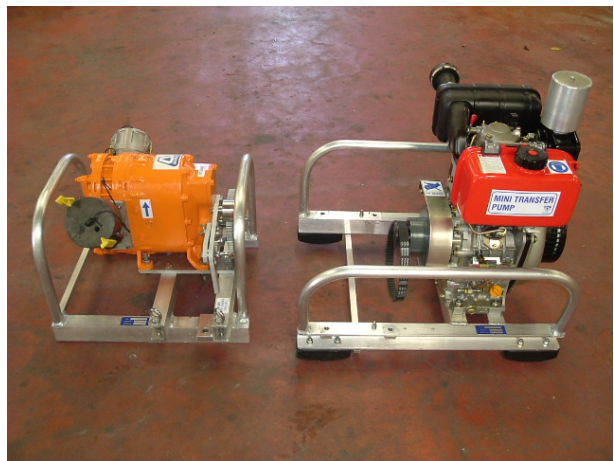
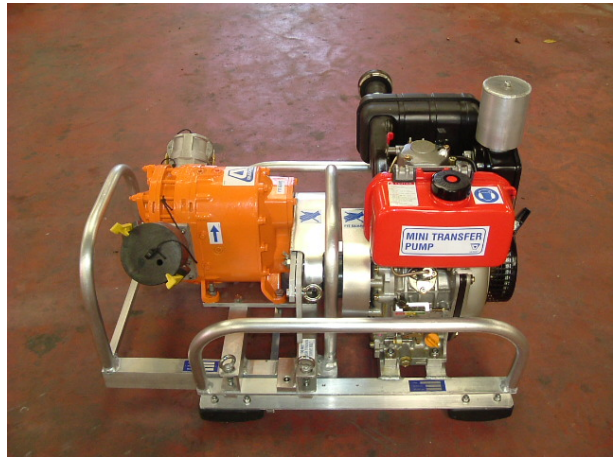
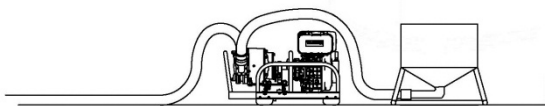
The diesel engine unit can be supplied complete with a spark arrestor on the exhaust and an automatic overspeed shutdown valve.

Hoses

Suction	2.5"NB x 2.5m semi-rigid with camlock couplings (qty 1)
Discharge	3" NB x 10m semi rigid with camlock couplings (qty 2) 3" NB x 10m semi rigid with camlock couplings (qty 1)

Dimensions

	Length	Width	Height	Weight
Mini Pump Unit	86cm	53cm	55cm	95kg
Engine Section	63cm	53cm	55cm	50kg
Pump Section	52cm	49cm	40cm	45kg
Mini Hopper	70cm	70cm	80cm	24kg



beach cleaning

Contents

OS/0634 basic system

- Mini Pump Unit
- Mini Pump Tool Kit
- Complete Hose Set
- Mini Hopper
- 2 x Operation & Maintenance Manuals

OS/0634-S basic system + safety devices

- As OS/0633 above, plus:
- Spark Arrestor (MV/0060)
- Auto Engine Shutdown (MV/0072)

Optional Accessories

- Hopper Outlet Valve (5006BV)
- Spares Kit Mini Pump (SK/9935)

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MINI TRANSFER PUMP UNIT (MP/0060)

The unit is manufactured as two separate items, which makes for easy handling to site, where it is assembled using pin, bush and eye bolt connections. The unit is driven by an air cooled diesel engine.

System Performance

Discharge Rate	11m ³ /h at 100 cst 2.5m ³ /h at 10,000 cst
Discharge Pressure	8 bar MAX

Engine

Type	Single Cylinder air cooled diesel with recoil hand start, fitted with Vikoma's half speed reduction gearbox.
Power	4.5kW @ 1800 rpm (cont.) 5.0kW MAX
Fuel Capacity	2.7 litres

Construction

Frame	Aluminium Alloy
Fuel Tank	Mild Steel

Transfer Pump

Type	Rotary Lobe
Pump Inlet	2½" camlock female
Pump Outlet	3" camlock male
Speed	300 – 620 rpm (Variable)
Solids handling	Ø 20mm MAX

MINI HOPPER (MV/0045)

The hopper has an integral debris basket which allows removal of debris from the recovered oil. The 3" male camlock discharge outlet comes with a blanking plate as standard.

Construction

Hopper	Marine Grade Aluminium Alloy
Basket	Stainless Steel