

# Elcometer Hudson Transfer Pumps



The Elcometer Hudson is a stainless steel piston transfer pump engineered to transfer solvent and water based fluids with a particle size of up to 5mm. Designed to handle a broad range of water and solvent based materials, from hot to high viscous fluids or corrosive liquids, the Elcometer Hudson's high flow rate and immersed inlet makes it ideal for priming fluids.

- Powerful performance**  
 With up to 60 litres per minute maximum free flow, the Elcometer Hudson is the ideal stick pump to transfer most types of hot or cold, viscous or corrosive liquids.
- Durable and hardwearing**  
 The Elcometer Hudson is a very low maintenance pump with hardwearing components such as the PTFE carbon and stainless-steel packing seal kit, making it incredibly durable and long lasting.
- Efficient**  
 Designed with low air consumption, the Elcometer Hudson helps to lower expensive compressor usage costs.
- Safe**  
 The Elcometer Hudson conforms to ATEX Zone 2 ensuring it is safe for use in potentially hazardous Zone 2 areas.

## Key features

- Low air consumption air motor to reduce compressor costs
- Durable stainless steel piston rod
- Integrated wet cup to prevent moisture ingress penetrating fluid
- Easy to add Throat Seal Liquid
- Durable PTFE carbon & stainless-steel packing seal kit with most bung adaptors
- 1/2" High Flow Fluid Outlet
- Stainless steel ball and seat prevents wear when using corrosive fluids
- 1" BSP cylinder diameter compatible
- Lightweight 6.5kg short and 7kg long, making it easier for manual handling
- Removable cylinder housing to quickly adapt from using large scale drums to smaller vessels
- Suitable for use with hot or cold fluids 4.4°C - 60°C
- Available with 200 litre drum lid and rotary agitator



## The Elcometer Hudson range is suitable for use with:

The Elcometer HUDSON range is suitable for use with water and solvent based products as well as a wide range of products.

Product	
Antifreeze	Windshield Washer Liquid
Motor Oil	Used Oil
Hydraulic Fluid	Water based Inks
Oil-based materials	Solvent-based materials
Water-based materials	Inks and Dyes

## Technical Specifications

	Hudson 60 Short	Hudson 60 Long
Shaft Length	488.75mm	867.25mm
Ratio	1 : 1	-
Maximum fluid particle size**	0.25mm	-
Fluid temperature range	4.4 - 60°C	-
Fluid inlet size	1/2" BSP Male	-
Fluid outlet size	3/8" BSP Male	-
Compatible Products that can be pumped	Solvent and water-based products	-
<b>Composition of Parts In Contact With Product (Wet)</b>		
Top Valve	Stainless Steel	-
Bottom Valve	Stainless Steel	-
Pump Body / Cylinder Housing	Stainless Steel	-
Packing Kit (Top)	PTFE Carbon/Stainless Steel	-
Packing Kit (Bottom)	PTFE	-
<b>External Pump Parts (Dry)</b>		
Pump Body / Cylinder Housing	Stainless Steel/ Anodised Aluminium	-
<b>Air</b>		
Air Pressure Operating Range	1-7bar	-
Air Consumption at 3 bar & 7.5 CPM	3.75lpm	-
Air Consumption at 3 bar & 16 CPM	8.0lpm	-
Maximum Air Inlet Pressure	7bar	-
Air Inlet	1/4" BSP Female	-
Air Exhaust / Silencer Port	2 x Ø 6mm	-
Ambient Air Temperature Operating Range	4.4 - 60°C	-
Compressor Requirements (Minimum)	1.25lpm / 0.04cfm @ 1 bar	-
<b>Fluid / Product</b>		
Maximum Fluid Outlet Working Pressure	7bar	-
Stroke Length	85mm	-
Product Output per Cycle	170 cc	-
Maximum Free Flow	60lpm	-
Free Flow Delivery @ 60 CPM*	15lpm	-
<b>Dimensions</b>		
Weight (Pump only)	6.5kg	7.0kg
Dimensions	97 x 88 x 877mm	97 x 88 x 1256mm

1. With suction hose or deposit and pump output filter.
2. Product Output per Cycle = Fluid Displacement per Cycle
3. Maximum Free Flow is the volume of fluid the pump can transfer at maximum speed and at an undefined number of cycles.
4. Maximum values with water as test media.

## Part Numbers

Elcometer Hudson 60 Stainless Steel Piston Transfer Pump - Short

Part Number: PTP160SAS



Elcometer Hudson 60 Stainless Steel Piston Transfer Pump - Long

Part Number: PTP160LAS



Elcometer 200 Drum Cover complete with Elcometer Hudson 60 Stainless Steel Piston Transfer Pump - Long

Part Number: PSP160LAS-C



Elcometer 200 Drum Cover with Elcometer Hudson 60 Stainless Steel Piston Transfer Pump - Long & Rotary Agitator

Part Number: PSP160LAS-C-RA



## Accessories

Anti-static Air Hose - 6m Ø 8x15mm

Part Number: 56414024



Anti-static Air Hose - 11m Ø 8x15mm

Part Number: 56414025



Anti-static Air Hose - 16m Ø 8x15mm

Part Number: 56414027



Anti-static Air Hose - 26m Ø 8x15mm

Part Number: 56414026



1.8m Covered Anti-Static Air & Nylon Product Hose

Part Number: PT56414130



5m Covered Anti-Static Air & Nylon Product Hose

Part Number: PT56414039



7.5m Covered Anti-Static Air & Nylon Product Hose

Part Number: PT56414044



10m Covered Anti-Static Air & Nylon Product Hose



Part Number: PT56414040

15m Covered Anti-Static Air & Nylon Product Hose



Part Number: PT56414041

20m Covered Anti-Static Air & Nylon Product Hose



Part Number: PT56414042

Anti-static Air Hose - 21m Ø 8x15mm



Part Number: PT56414028

6m Thermo Rubber Product Hose with 3/8" Female Connection



Part Number: PT56414116

11m Thermo Rubber Product Hose with 3/8" Female Connection



Part Number: PT56414117

16m Thermo Rubber Product Hose with 3/8" Female Connection



Part Number: PT56414115

21m Thermo Rubber, ID: 8mm x OD: 16mm with 3/8" Female Connection



Part Number: PT56414118

26m Thermo Rubber, ID: 8mm x OD: 16mm with 3/8" Female Connection



Part Number: PT56414119