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Wall-mounted stubby-pump
Painted finish.

Standard Painted Maxiprime & Stubby pump.
All wetted parts in 316 stainless steel

Horizontal Stubby pump 160125 STS.
painted finish.

Tie Rod Construction

For viscous products that flow

Kecol air operated 'tie-rod' construction piston pumps are used in conjunction with Maxiprime & Megaprime Pressure Priming Systems for the transfer of pastes and other high viscosity products that do not flow easily

For pastes & high viscosity products

The main difficulty with pastes and high viscosity products that do not flow is that the pump cannot be primed and simply cavitates, pumping air instead of product ! The solution is to use a Kecol Maxiprime twin cylinder pressure priming system in conjunction with a Kecol tie-rod construction piston pump. These pressure priming systems 'force feed' the Kecol piston pump, maintaining a positive prime on the pump and thus ensuring that is does not cavitate. As the product level falls, the sides of the drum are wiped clean by the follower plate on the priming system.

Features & Benefits

Variable Output and pressure

Can be stalled without damage

Carbon Steel or 316 Stainless Steel contact parts

Polished stainless steel or painted finish

Quick Release System between air motor & pump assembly

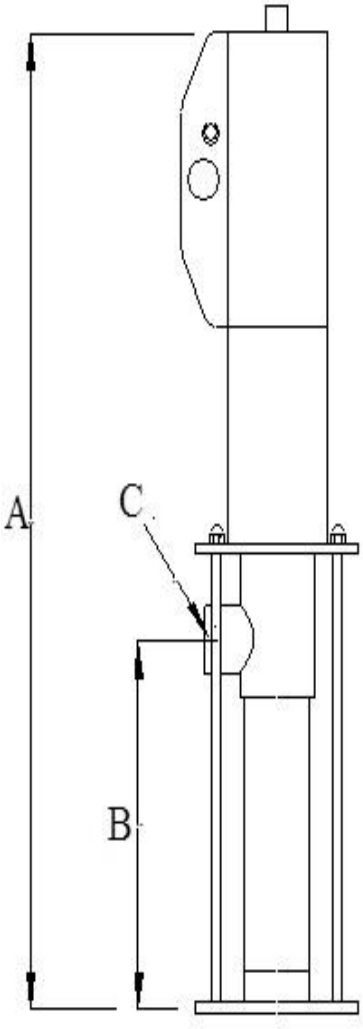
Typical Applications

Food	Transfer of chocolate cream, peanut butter, triple concentrate tomato puree, cooking fat, curry paste, fruit pastes, garlic butter, jam, margarine, marmalade, fondant, meats, etc
Pharmaceutical & Cosmetics	Creams, eye ointment, hand cream, Lanolin, magnesium hydroxide, mascara, petroleum jelly, toothpaste, zinc & castor oil, etc
Chemical & General Industrial	Transfer of adhesives, mastics, grease, sealants, soldering flux, tile adhesive, wax, wood filler, etc

Registered in England No. 6405042

KECOL TIE - ROD PISTON PUMPS

Model	Tube Material	Seal Material	Output L/Min	Ratio	Weight Kg's	Air Reqd Ltr./Min	A	B	C
8050 CNS	C. St	NITRILE	20	5 : 1	18	425	725	295	1" BSP (F)
8050 CTS	C. St	P.T.F.E.							
8050 SNS	St. St	NITRILE							
8050 STS	St. St	P.T.F.E.							
10050 CNS	C. St	NITRILE	20	10 : 1	23	623	800	295	1" BSP (F)
10050 CTS	C. St	P.T.F.E.							
10050 SNS	St. St	NITRILE							
10050 STS	St. St	P.T.F.E.							
10075 CNS	C. St	NITRILE	45	4 : 1	32	623	800	325	1 1/2" BSP (F)
10075 CTS	C. St	P.T.F.E.							
10075 SNS	St. St	NITRILE							
10075 STS	St. St	P.T.F.E.							
16050 CNS	C. St	NITRILE	20	25 : 1	29	1218	850	295	1" BSP (F)
16050 CTS	C. St	P.T.F.E.							
16050 SNS	St. St	NITRILE							
16050 STS	St. St	P.T.F.E.							
16075 CNS	C. St	NITRILE	45	10 : 1	39	1218	850	325	1 1/2" BSP (F)
16075 CTS	C. St	P.T.F.E.							
16075 SNS	St. St	NITRILE							
16075 STS	St. St	P.T.F.E.							
160115 CNS	C. St	NITRILE	90	5 : 1	57	1218	850	410	2" BSP (F)
160115 CTS	C. St	PTFE. / SIL							
160115 SNS	St. St	NITRILE							
160115 STS	St. St	PTFE. / SIL							
160125 CNS	C. St	NITRILE	136	3 : 1	59	1218	850	390	2" BSP (F)
160125 CTS	C. St	PTFE. / SIL							
160125 SNS	St. St	NITRILE							
160125 STS	St. St	PTFE. / SIL							
20050 CNS	C. St	NITRILE	20	45 : 1	48	1650	1020	345	1" BSP (F)
20050 CTS	C. St	P.T.F.E.							
20050 SNS	St. St	NITRILE							
20050 STS	St. St	P.T.F.E.							
20075 CNS	C. St	NITRILE	45	16 : 1	54	1650	1020	375	1 1/2" BSP (F)
20075 CTS	C. St	P.T.F.E.							
20075 SNS	St. St	NITRILE							
20075 STS	St. St	P.T.F.E.							
200115 SNS	St. St	NITRILE	90	7:1	73	1650	1050	460	2" BSP (F)
200115 STS	St. St	PTFE. / SIL							
200125 SNS	St. St	NITRILE	136	4.5 : 1	75	1650	1050	440	2" BSP (F)
200125 STS	St. St	PTFE. / SIL							



Measuring Cylinder

Measuring Cylinders

Used in conjunction with a Kecol Piston Pump Pressure Priming System these Measuring Cylinders will dispense a predetermined volume of liquid or viscous product. They are constructed of either carbon steel or 316 stainless steel and are available in either manual or pneumatic actuation and fixed or adjustable outputs from about 200ml up to 3 Litres. Accuracy is normally better than ± 1%.

Megaprime System

Megaprime Systems

Based on the Maxiprime principle of operation the Megaprime twin cylinder pressure priming system is suitable for vessels upto 1200mm diameter and can be adapted for square bins.

Water Jacketed Pump

Water Jacketed Pumps

For situations where the product temperature needs to be maintained, Kecol Stubby Length Pumps can be Water Jacketed, allowing either hot or cold water to be circulated around the wetted end of the pump.

Special System

Non-Standard Pumps & Systems

Whether your requirement is for a special length piston pump with a non-standard outlet fitting or a Powerlift, Powerprime or Maxiprime system for non-standard vessels, Kecol will design and manufacture a unit to suit your requirements.
Our engineers will be pleased to discuss the many different options that are available such as interlocking guards, jacking or standard castors, drum loading systems, quick strip pumps, dispensing and filling systems, etc