

Алматы (7273)495-231	Иваново (4932)77-34-06	Магнитогорск (3519)55-03-13	Пермь (342)205-81-47	Тверь (4822)63-31-35
Ангарск (3955)60-70-56	Ижевск (3412)26-03-58	Москва (495)268-04-70	Ростов-на-Дону (863)308-18-15	Тольятти (8482)63-91-07
Архангельск (8182)63-90-72	Иркутск (395)279-98-46	Мурманск (8152)59-64-93	Рязань (4912)46-61-64	Томск (3822)98-41-53
Астрахань (8512)99-46-04	Казань (843)206-01-48	Набережные Челны (8552)20-53-41	Самара (846)206-03-16	Тула (4872)33-79-87
Барнаул (3852)73-04-60	Калининград (4012)72-03-81	Нижний Новгород (831)429-08-12	Саранск (8342)22-96-24	Тюмень (3452)66-21-18
Белгород (4722)40-23-64	Калуга (4842)92-23-67	Новокузнецк (3843)20-46-81	Санкт-Петербург (812)309-46-40	Ульяновск (8422)24-23-59
Благовещенск (4162)22-76-07	Кемерово (3842)65-04-62	Ноябрьск (3496)41-32-12	Саратов (845)249-38-78	Улан-Удэ (3012)59-97-51
Брянск (4832)59-03-52	Киров (8332)68-02-04	Новосибирск (383)227-86-73	Севастополь (8692)22-31-93	Уфа (347)229-48-12
Владивосток (423)249-28-31	Коломна (4966)23-41-49	Омск (3812)21-46-40	Симферополь (3652)67-13-56	Хабаровск (4212)92-98-04
Владикавказ (8672)28-90-48	Кострома (4942)77-07-48	Орел (4862)44-53-42	Смоленск (4812)29-41-54	Чебоксары (8352)28-53-07
Владимир (4922)49-43-18	Краснодар (861)203-40-90	Оренбург (3532)37-68-04	Сочи (862)225-72-31	Челябинск (351)202-03-61
Волгоград (844)278-03-48	Красноярск (391)204-63-61	Пенза (8412)22-31-16	Ставрополь (8652)20-65-13	Череповец (8202)49-02-64
Вологда (8172)26-41-59	Курск (4712)77-13-04	Петрозаводск (8142)55-98-37	Сургут (3462)77-98-35	Чита (3022)38-34-83
Воронеж (473)204-51-73	Курган (3522)50-90-47	Псков (8112)59-10-37	Сыктывкар (8212)25-95-17	Якутск (4112)23-90-97
Екатеринбург (343)384-55-89	Липецк (4742)52-20-81		Тамбов (4752)50-40-97	Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

www.mono.nt-rt.ru | | mnm@nt-rt.ru

Технические характеристики на маленькие насосы CP Range, G Range, CB/SB Range, M Range, LF Range компании **Mono**

Small Pumps

Designed for use where low flow or transfer duties in both domestic and industrial applications are required, these self priming pumps can achieve suction lifts up to 8 metres on water. Mono's CB/SB, G, M and CP Range pumps provide an economic answer to many pumping duties. Simple design and construction provide extended pump life with minimal routine servicing.

Capacity		Pressure		Temperature	
m³/h	Up to 3.5	bar	Up to 5	°C	0 to 70
gpm	Up to 12	psi	Up to 72	°F	32 to 158

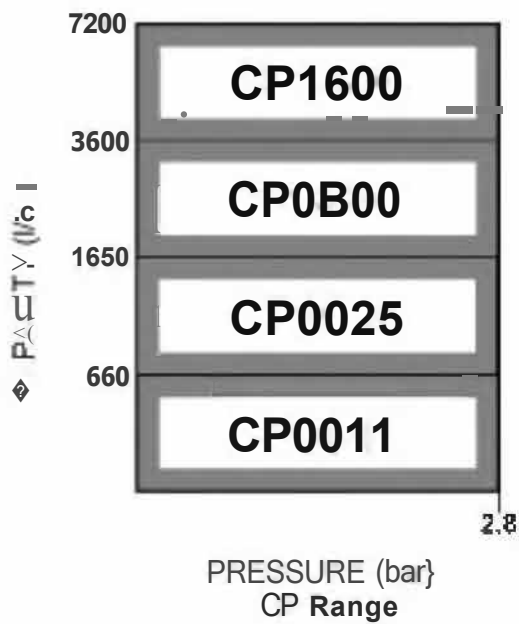
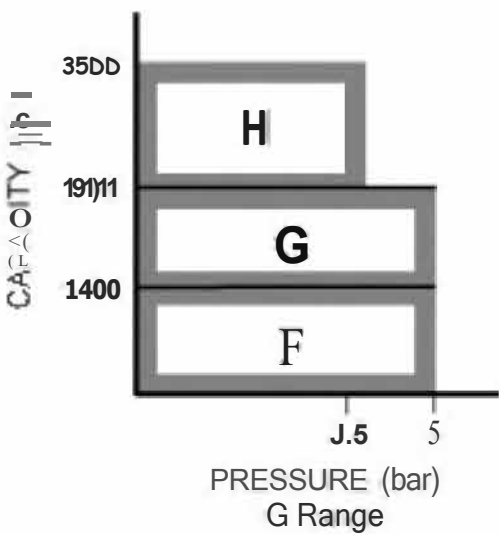
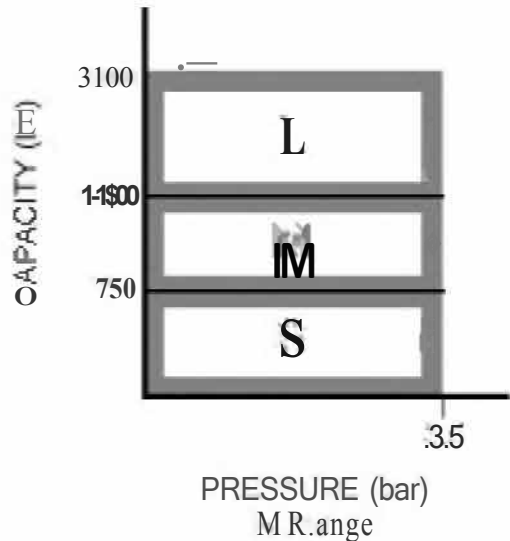
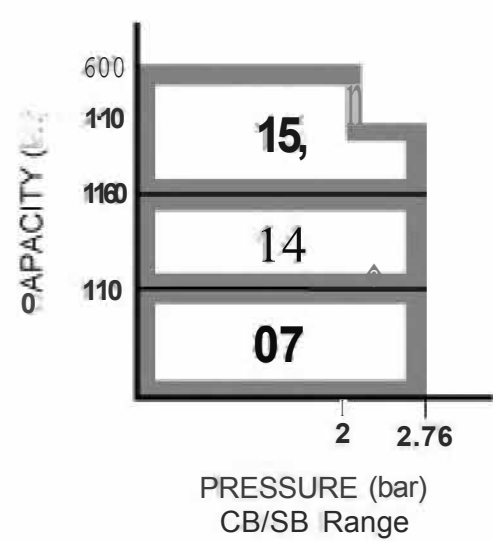
Applications

Dosing applications	Light creams
Shampoo	Cosmetics
Diesel/fuel oils	Water sampling
Hydraulic/lubricating oils	Cellar drainage
Septic tank/cesspit emptying	Garden sprinkler systems
Water supply from wells or rivers	Flocculant

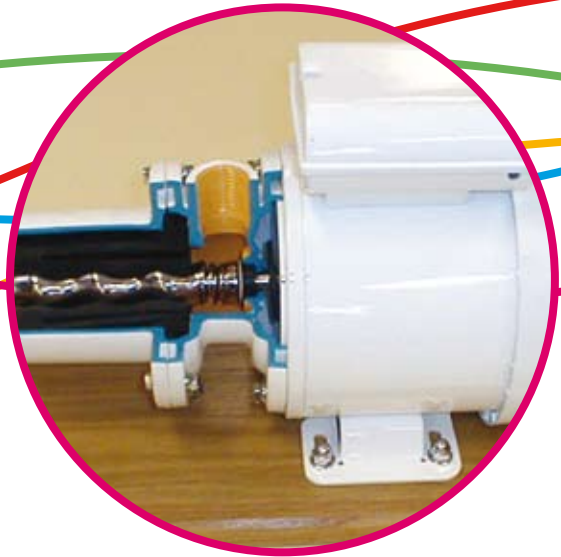
Features & Benefits

- The progressing cavity pump principle ensures steady output pressure and non-pulsing flow with minimal slippage - a very useful feature when pumping heating oil to burner nozzles, for example
- Smooth action and resilient rubber stator ensure quiet running - ideal for light industrial and domestic installations
- Simple design and easily dismantled
- Feature an abrasion and chemical resistant stator for handling viscous liquids and random solids
- Available as cast iron, stainless steel or engineered co-polymer bodies
- High quality stainless steel rotating parts
- Pumps can be supplied to comply with the ATEX Directive 94/9/EC

Performance Data



CP Brochure



The Great Little All-Rounder:

Mono CP Range Pumps:

Simple design. Sturdy lightweight construction. Conveniently compact.

Whether for domestic pumping requirements, or light industrial duties - they'll keep up with the pressure of work!

Four models are available (CP11, CP25, CP800 and CP1600) each operating on the well proven "progressive cavity" principle, and between them a variety of performance capabilities, up to a maximum capacity of 1650 gph (125lpm), and pressures of up to 92 feet (28 metres).

Stator options:

- Natural.
- Nitrile (Standard).
- Hypalon.
- High Nitrile.
- Fluoroelastomer (CP11 and CP25 only).

The Mono Principle:

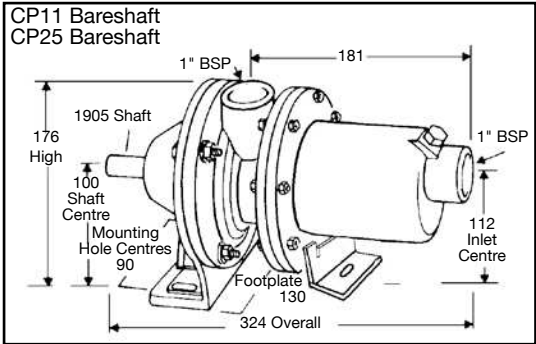
The CP uses the famous helical rotor pumping principle. The heart of the Mono Pump is the single helix metal rotor which rotates eccentrically within a double helix resilient stator of twice the pitch length of the rotor. The rotor of circular cross section creates a continuously forming cavity as it rotates. The cavity progresses towards the discharge end, advancing in front of a continuously forming seal line, carrying the pumped material with it. As the stator open cross sectional area is always constant the flow rate is continuous without pulsation.

The Principle Benefits are:

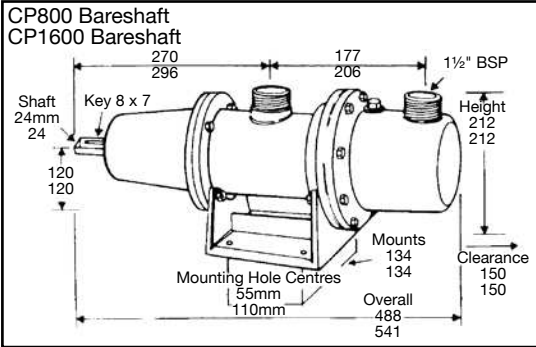
1. Capacity is proportional to speed.
2. Self priming even with entrained air.
3. Can handle a variety viscous materials.
4. Minimal damage to shear sensitive products.
5. Can handle liquids containing solids or abrasive particles.
6. Pulsation free operation.
7. Positive displacement.

Bareshaft & Motorised:

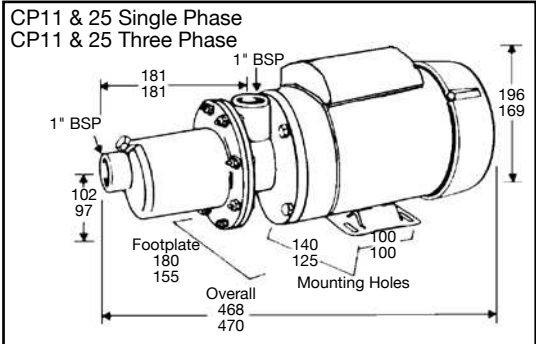
CP11 & CP25 Bareshaft



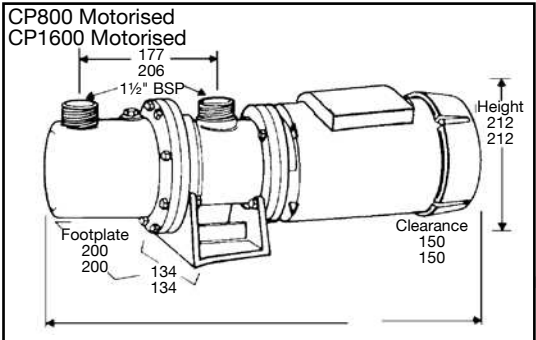
CP800 & CP1600 Bareshaft



CP11 & CP25 Motorised



CP800 & CP1600 Motorised



Typical products/applications:

- Milk
- Honey
- Food colour
- Fruit juice
- Wine
- Detergents
- Mustard
- Domestic Water Supply
- Septic Effluent
- Brine injection for meat curing
- Oily water
- Molasses transfer stock feed



Molasses Feed Pump Unit



Shallow Bores



Trolley Unit Wine Transfer



Oily Water Separator



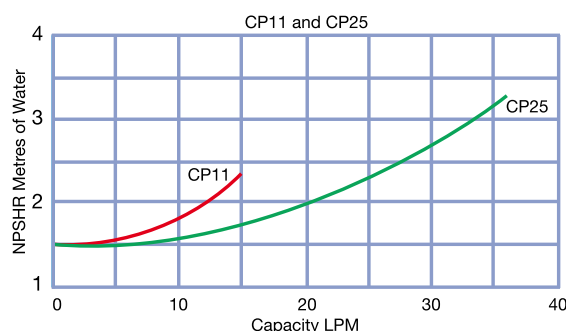
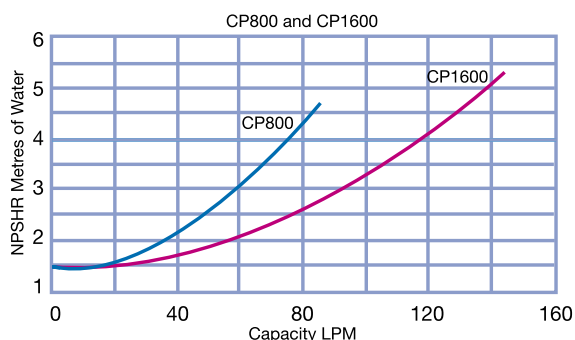
Pre-selection Information

Features & Benefits:

Single mechanical seal	Low maintenance
Self priming up to 6 m	High suction lifts
Tough engineered grade acetal co-polymer plastic housing	Long lasting, low replacement costs
Stainless steel internal rotating parts	Corrosion free, long life
Close coupled drive arrangement	Compact in size
Simple and easy to maintain	Low maintenance
Integral mounting bracket	Ease of installation
Tropical proof motor as standard	Can be installed outside
BSP threaded port connections	Ease of installation
Stainless Steel fasteners	Long Life
Bareshaft options	Optional drive selections

Performance table:

Flows to:	CP11	11 lpm
	CP25	25 lpm
	CP800	60 lpm
	CP1600	125 lpm
Heads to:	28 metres	
Motor options:	240v and 415v	
Maximum speed:	1450 rpm	
Lead length:	2 metres (240v only)	



* For pressures above 28 metres contact Mono Pumps.

Industrial and Domestic Transfer Pumps Transfer Pumps

Accuracy, reliability, simplicity.

The Mono Pedigree

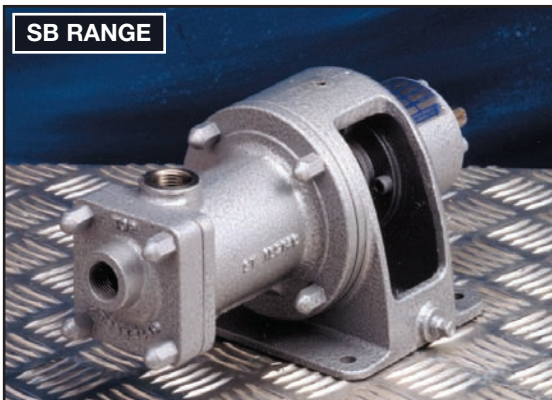
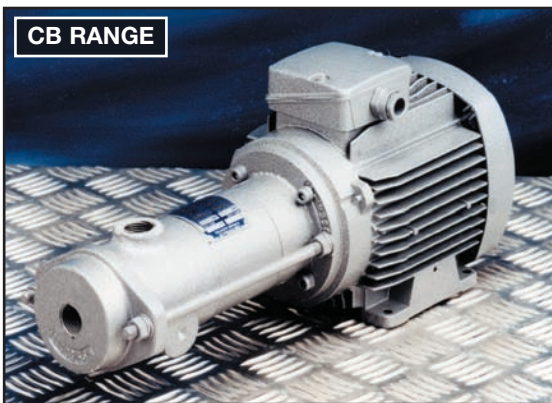
Mono Pumps Ltd., have been at the forefront of progressing cavity pump design since 1935. We have built up considerable expertise in providing solutions for wide ranging applications from simple transfer duties through to complex process specifications.

Our commitment to quality is reflected in the achievement of ISO 9001.

The Low Flow Pump Ranges

Designed for use where low flow or transfer duties in both domestic and industrial applications are required, these units are fully self priming, and achieve suction lifts up to 8 metres on water. They are suitable for a wide range of light industrial applications across all key sectors of food, pulp and paper, chemicals, mining, mineral processing and waste water.

CB/SB Range

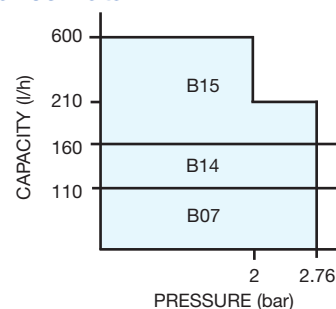


Mono's CB and SB pumps provide an economic answer to many pumping duties, with capacities up to 600 l/h and pressures up to 2.76 bar. Simple design and construction provide extended pump life and require minimal routine servicing to be carried out. The CB pump is available in Monobloc® design with the SB pump in bearing housing design.

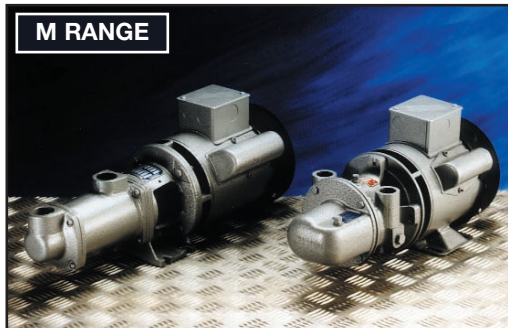
Typical applications include:-

- pumping of batter mixes, light creams and gelatine in the food industry
- batch transfer of hair oil, shampoos and light cosmetic creams in the pharmaceutical industry
- polyelectrolyte dosing of sewage sludge and the transfer of highly sensitive photographic emulsions

Performance Data



M Range



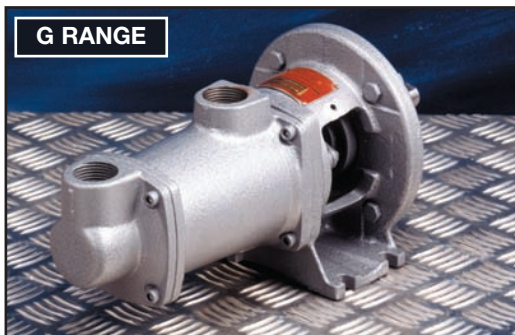
The Mono M Range pumps are close coupled with a number of synchronous speed motors and are ideal for light industrial and domestic duties.

They can handle capacities up to 3100 l/h and pressures up to 3.45 bar.

Drive Motor Details - IP55 enclosure standard with others available.

MS - 0.18kW Single/Three Phase	115/230/400V
MM - 0.37kW Single/Three Phase	115/230/400V
ML - 0.55kW Three Phase	400V
ML - 0.75kW Single Phase	115/230V

G Range



Mono G Range pumps are widely used wherever general pumping and transfer duties call for a compact and reliable pump of rugged simple construction. Mono G Range pumps offer an economic solution to many pumping and transfer duties for capacities up to 3500 l/h and pressures up to 5 bar.

Available in Monobloc and bearing housing design.

Applications include:

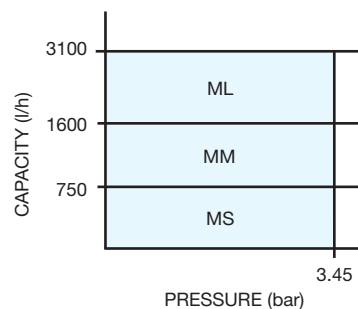
Domestic:

- cellar drainage
- septic tank/cesspit emptying
- garden sprinkler systems/irrigation i.e. large estates/local authority
- water supply/sampling from wells, streams and rivers

Industrial - General purpose pump for:

- diesel
- water based inks
- vegetable oils
- plating solution
- other non-aggressive chemicals

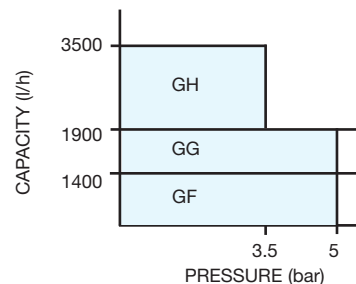
Performance Data



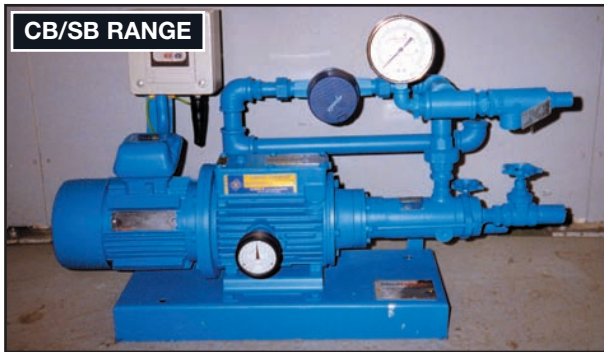
The design of the pumping element and the selection of suitable pump speeds allows this versatile pump to carry out a wide range of light industrial and agricultural duties.

- oily/water separators
- pumping of light fuel oil
- transfer of hot glues
- small solids in suspension
- polyelectrolyte dosing

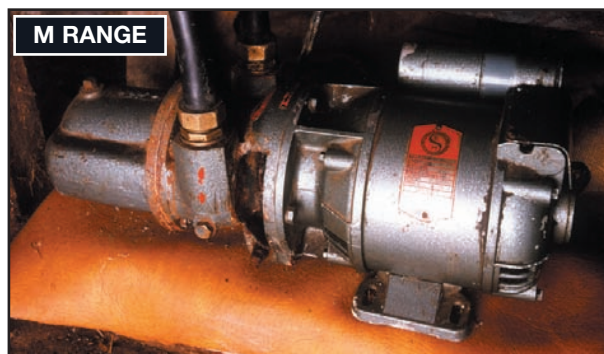
Performance Data



Applications

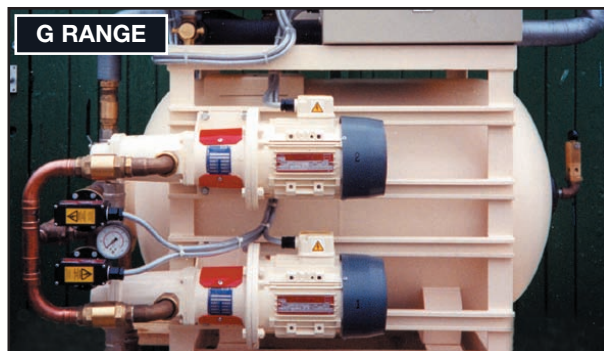


CB pump unit used for dosing various grades of polyelectrolyte in the paper industry at flows up to 500 l/h and pressures up to 2.5 bar. The customer requested specific drive characteristics to achieve a robust and reliable pump unit. To date, this range of pumps has proved to be very successful for this customer.

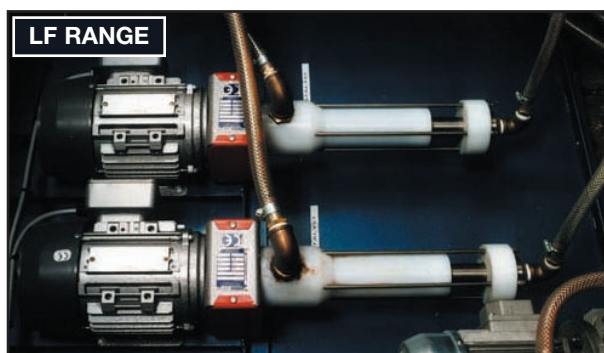


Installed over 40 years ago at a Welsh Farm, this MS pump from the M range is transferring water from a 15 feet deep well, along 20 yards of 1" diameter pipework to a 100 gallon tank. Activated by a float switch in the store tank, the pump typically stops and starts 3 times an hour.

The water is then delivered for use throughout the 20 acre dairy farm as required.



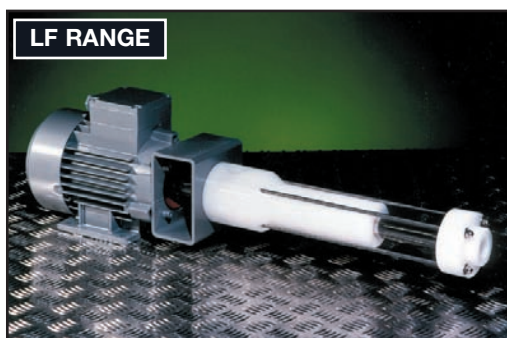
2 off CGG233R1/Y units on a 'domestic water module'. Duty approximately 2m³/h at 3 bar. This module distributes fresh water for domestic services such as toilets, showers, washbasins etc., on a tug currently based on the Solent. Built into the module is a calorifier for hot water service and U.V. treatment for potable (drinking) water.



Various LF Range pumps playing an important role in furane binder systems, delivering a sulphuric or sulphonic acid (capacity up to 600 l/h and pressures up to 12 bar) to act as a catalyst on furane resin.

Featuring Mono Pumps' Flexishaft® with reduced moving parts in the drive train, the elimination of wear makes lubrication unnecessary, reducing the risk of product contamination.

LF Range



Designed for use where accurate, low flow pumps are required for either intermittent or continuous dosing, the compact Monobloc LF pumps have high tolerance to aggressive chemicals and the renowned reliability of Mono.

The LF Pumps have a repeatability of $\pm 2\%$ and operating temperatures from 0 to 100°C for the standard configuration. Four two stage models are available for capacities up to 600l/h and pressures up to 12 bar.

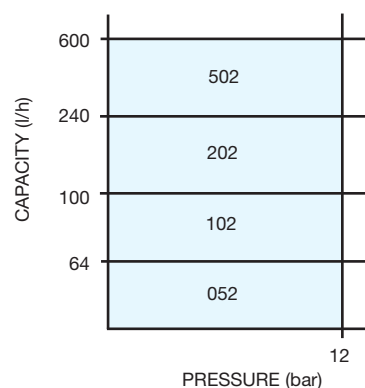
Incorporating the Flexishaft® drive concept, which is supported by a 10 year warranty, the LF range does not incur the cost of maintenance associated with other forms of drive joints.



Use of different stator materials enables the LF Range to be used for a wide range of products, including:

- acids
- food ingredients
- alkalis
- brewing, winemaking
- photographic
- chemical processing
- cosmetics
- process mining
- cyanide
- dyes, inks
- waste/water treatment
- flocculants

Performance Data



Service and Technology

At Mono Pumps Ltd full pre-sales support and post order back up is all part of the service.

We use the latest technology, such as computer-based flexible manufacturing systems, computerised bar stores and information systems. Attention to detail, combined with a wealth of technical advice and CAPS (Computer Aided Pump Selection), ensures clients will receive a product that is quality assured.

Genuine Mono Parts

Strict quality procedures ensure dimensionally accurate interchangeable parts. Quick delivery and easy availability are provided by Mono Pumps Ltd or our International Distributor Network.

By using only genuine Mono spares you automatically reduce the risk of pump breakdown and preserve the full Mono guarantee. Mono spares result in lower fittings cost, greater efficiency, reduced running costs and longer pump life - as well as guaranteed quality and value for money.



Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Саранск (8342)22-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97

Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

www.mono.nt-rt.ru | | mnmm@nt-rt.ru