

# CRESTPUMPS CHEMICAL PUMPING SOLUTIONS

# PTCXPUMP



**STAINLESS STEEL MAGNETIC DRIVE PUMPS**



- ∞ CAPACITY <81L/MIN
- ∞ HEAD <30M
- ∞ SEALLESS LEAK FREE DESIGN
- ∞ STAINLESS STEEL BUILD
- ∞ TOTAL CORROSION RESISTANCE
- ∞ UK ASSEMBLY

## PM RANGE

The PM series is the smallest of our stainless steel mag drive range and is ideal for OEM and laboratory applications. Operating temperature can be handled from -80°C to 280°C and flow rate up to 81L/minute.

## TECHNICAL SPECIFICATION

	PM	
Frequency	50Hz	60Hz
Max. Capacity	81L/M	81L/M
Max. Total Head	22m	30m
Suction & Discharge	15 x 13 - 25 x 20	
Temperature Range	-80°C - 280°C	
Specific Gravity	<2	
Viscosity	<100mPa.s (cp)	
Design Pressure	0.6MPaG (*PM2021:1.0MPaG*)	
Flange Standard	R Thread Type	
Motor Output	90W - 550W	
Pump Material	SUS316L (Standard) / Alloy20 (Optional) / HAS-C equivalent (Optional)	



- ∞ CAPACITY <850L/MIN
- ∞ HEAD <68M
- ∞ SEALLESS LEAK FREE DESIGN
- ∞ STAINLESS STEEL BUILD
- ∞ TOTAL CORROSION RESISTANCE
- ∞ UK ASSEMBLY

## PS RANGE

The PS series is a medium capacity stainless steel mag drive pump commonly used for chemical fluid transfer in general processes. Operating temperatures from -80°C to 280°C and flow rate up to 850L/minute.

## TECHNICAL SPECIFICATION

	PS	
Frequency	50Hz	60Hz
Max. Capacity	850L/M	850L/M
Max. Total Head	55.7m	68m
Suction & Discharge	25 x 20 - 80 x 40	
Temperature Range	-80°C - 280°C	
Specific Gravity	<2	
Viscosity	<300mPa.s (cp)	
Design Pressure	1.0MPaG	
Flange Standard	ANSI Class 150 / JIS 10K / DIN PN16	
Motor Output	0.75KW - 7.5KW	
Pump Material	SUS316L (Standard) / Alloy20 (Optional) / HAS-C equivalent (Optional)	



- ∞ CAPACITY <2001L/MIN
- ∞ HEAD <132M
- ∞ SEALLESS LEAK FREE DESIGN
- ∞ STAINLESS STEEL BUILD
- ∞ TOTAL CORROSION RESISTANCE
- ∞ UK ASSEMBLY

## PL RANGE

The PL series is the largest capacity series with power up to 18.5Kw, which can be used to process large flow and higher head.

The sealless design resolves leakage problems making it the best choice for transferring hazardous or volatile chemicals.

## TECHNICAL SPECIFICATION

	PL	
Frequency	50Hz	60Hz
Max. Capacity	1904L/M	2001L/M
Max. Total Head	91.3m	132m
Suction & Discharge	40 x 25 - 100 x 80	
Temperature Range	-80°C - 280°C	
Specific Gravity	<2	
Viscosity	<300mPa.s (cp)	
Design Pressure	1.2MPaG (*PL-50X25-250LF:1.6MPaG*)	
Flange Standard	ANSI Class 150 / JIS 10K / DIN PN16	
Motor Output	5.5KW - 18.5KW	
Pump Material	SUS316L (Standard) / Alloy20 (Optional) / HAS-C equivalent (Optional)	



- ∞ CAPACITY <53L/MIN
- ∞ HEAD <108M
- ∞ SEALLESS LEAK FREE DESIGN
- ∞ STAINLESS STEEL BUILD
- ∞ TOTAL CORROSION RESISTANCE
- ∞ UK ASSEMBLY

## PW RANGE

The PW series is a medium capacity pump with peripheral impeller for low flow and high head applications. The structural design is quieter than conventional mechanical seal pumps. Featuring a low heat-up during minimum flow operation and can be used in reverse operation without any issues.

## TECHNICAL SPECIFICATION

	PW	
Frequency	50Hz	60Hz
Max. Capacity	49L/M	53L/M
Max. Total Head	78m	108m
Suction & Discharge	15 x 15 - 25 x 25	
Temperature Range	-80°C - 280°C	
Specific Gravity	<2	
Viscosity	<300mPa.s (cp)	
Design Pressure	1.6MPaG	
Flange Standard	ANSI Class 150 / JIS 10K / DIN PN16	
Motor Output	0.75KW - 3.7KW	
Pump Material	SUS316L (Standard) / Alloy20 (Optional) / HAS-C equivalent (Optional)	



- ∞ CAPACITY <450L/MIN
- ∞ HEAD <53.1M
- ∞ SEALLESS LEAK FREE DESIGN
- ∞ STAINLESS STEEL BUILD
- ∞ TOTAL CORROSION RESISTANCE
- ∞ UK ASSEMBLY

## PSJ RANGE

The PSJ series is a semi jacketed pump, designed to maintain process temperature in delicate applications. High efficiency with flow rates up to 450 l/m.

## TECHNICAL SPECIFICATION

	PSJ	
Frequency	50Hz	60Hz
Max. Capacity	400L/M	450L/M
Max. Total Head	36.8m	53.1m
Suction & Discharge	25 x 20 - 50 x 40	
Temperature Range	-80°C - 280°C	
Specific Gravity	<2	
Viscosity	<300mPa.s (cp)	
Design Pressure	1.0MPaG	
Flange Standard	ANSI Class 150 / JIS 10K / DIN PN16	
Motor Output	0.75KW - 3.7KW	
Pump Material	SUS316L (Standard) / Alloy20 (Optional) / HAS-C equivalent (Optional)	



- ∞ CAPACITY <450L/MIN
- ∞ HEAD <61.3M
- ∞ SEALLESS LEAK FREE DESIGN
- ∞ STAINLESS STEEL BUILD
- ∞ TOTAL CORROSION RESISTANCE
- ∞ UK ASSEMBLY

## PSO RANGE

The PSO series features an open impeller and is designed for chemical transfer of fluids with solids. Low NPSHr and flow rates up to 450 l/m.

## TECHNICAL SPECIFICATION

	PSO	
Frequency	50Hz	60Hz
Max. Capacity	400L/M	450L/M
Max. Total Head	42.7m	61.3m
Suction & Discharge	25 x 20 - 50 x 40	
Temperature Range	-80°C - 280°C	
Specific Gravity	<2	
Viscosity	<300mPa.s (cp)	
Design Pressure	1.0MPaG	
Flange Standard	ANSI Class 150 / JIS 10K / DIN PN16	
Motor Output	0.75KW - 3.7KW	
Pump Material	SUS316L (Standard) / Alloy20 (Optional) / HAS-C equivalent (Optional)	



- ∞ CAPACITY <500L/MIN
- ∞ HEAD <121M
- ∞ SEALLESS LEAK FREE DESIGN
- ∞ STAINLESS STEEL BUILD
- ∞ TOTAL CORROSION RESISTANCE
- ∞ UK ASSEMBLY

## PL2 RANGE

The PL2 series is a multistage pump ideal for high head and flow applications, with a flow rate up to 500L/M.

## TECHNICAL SPECIFICATION

	PL2	
Frequency	50Hz	60Hz
Max. Capacity	500L/M	500L/M
Max. Total Head	85m	121m
Suction & Discharge	50 x 25	
Temperature Range	-80°C - 280°C	
Specific Gravity	<2	
Viscosity	<300mPa.s (cp)	
Design Pressure	1.6MPaG	
Flange Standard	ANSI Class 150 / JIS 10K / DIN PN16	
Motor Output	11KW - 18.5KW	
Pump Material	SUS316L (Standard) / Alloy20 (Optional) / HAS-C equivalent (Optional)	



- ∞ CAPACITY <3200L/MIN
- ∞ HEAD <220M
- ∞ SEALLESS LEAK FREE DESIGN
- ∞ STAINLESS STEEL BUILD
- ∞ TOTAL CORROSION RESISTANCE
- ∞ UK ASSEMBLY

## PC RANGE

The PC series is a high capacity, long coupled pump designed to ISO2858 standards. Flow rate up to 3200 l/m and motor power up to 110kW.

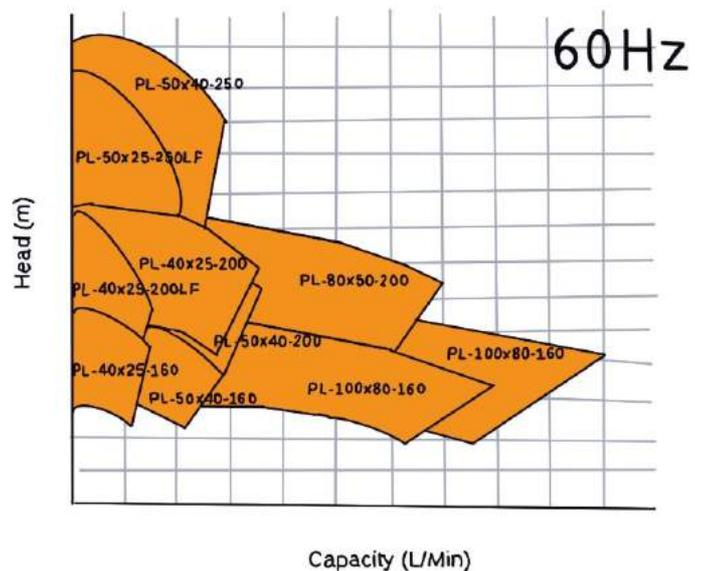
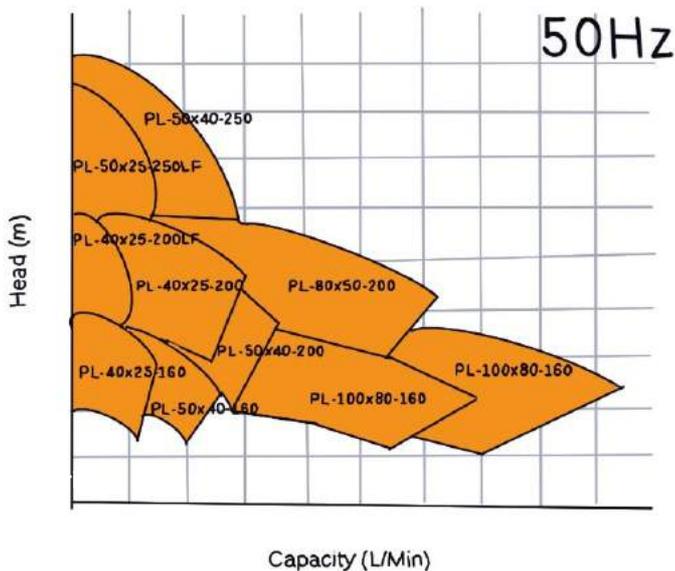
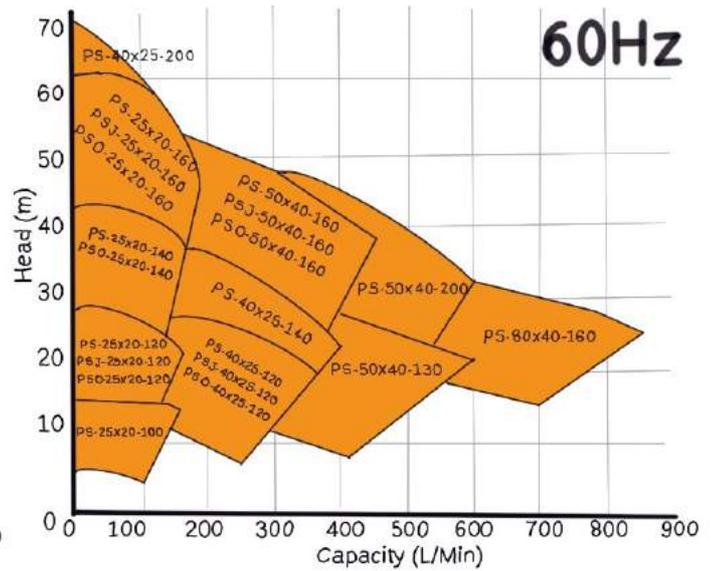
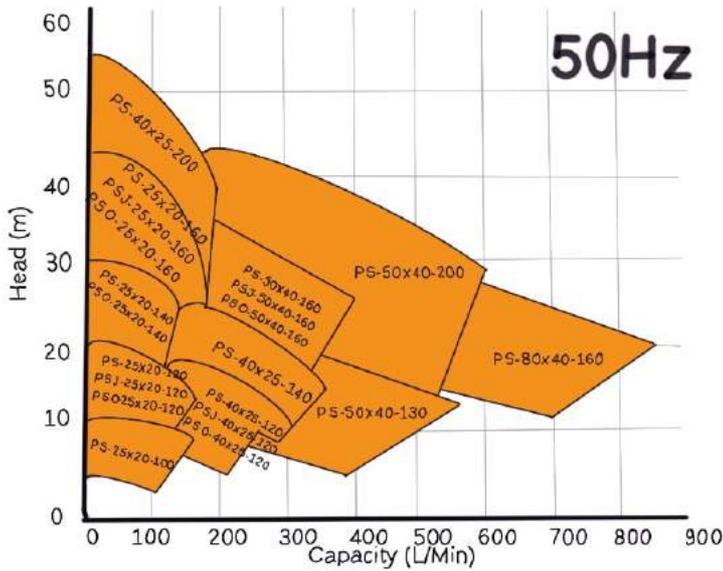
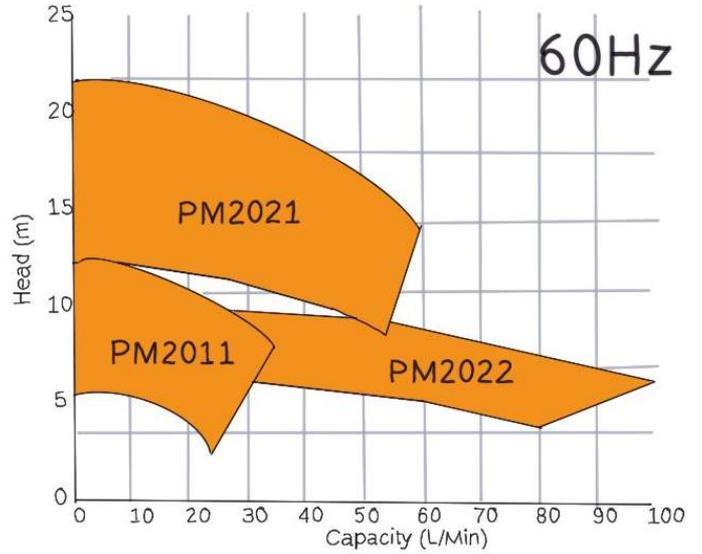
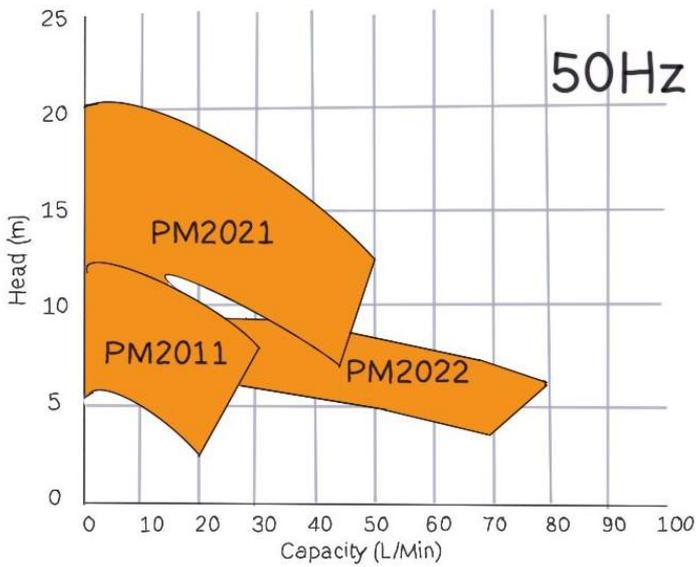
Manufactured in 316L Stainless Steel as standard, with a fully sealless design to eliminate leakage problems, making it an ideal choice for transferring hazardous or volatile chemicals.

## TECHNICAL SPECIFICATION

	PC			
Frequency	50Hz (2P)	50Hz (4P)	60Hz (2P)	60Hz (4P)
Max. Capacity	2800L/M	1400L/M	3200L/M	1600L/M
Max. Total Head	87m	23m	220m	34m
Suction & Discharge	80 x 40 - 100 x 80			
Temperature Range	-80°C - 280°C			
Specific Gravity	<2			
Viscosity	<300mPa.s (cp)			
Design Pressure	1.6MPaG			
Flange Standard	ANSI Class 150 / JIS 10K / DIN PN16			
Motor Output	22KW - 75KW	3.7KW - 11KW	45KW - 110KW	5.5KW - 15KW
Pump Material	SUS316L (Standard) / Alloy20 (Optional) / HAS-C equivalent (Optional)			

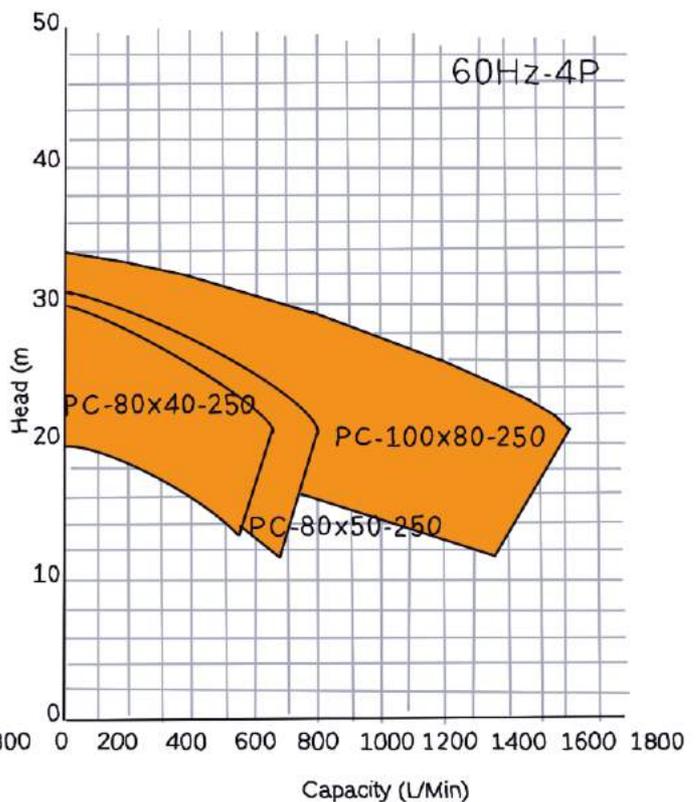
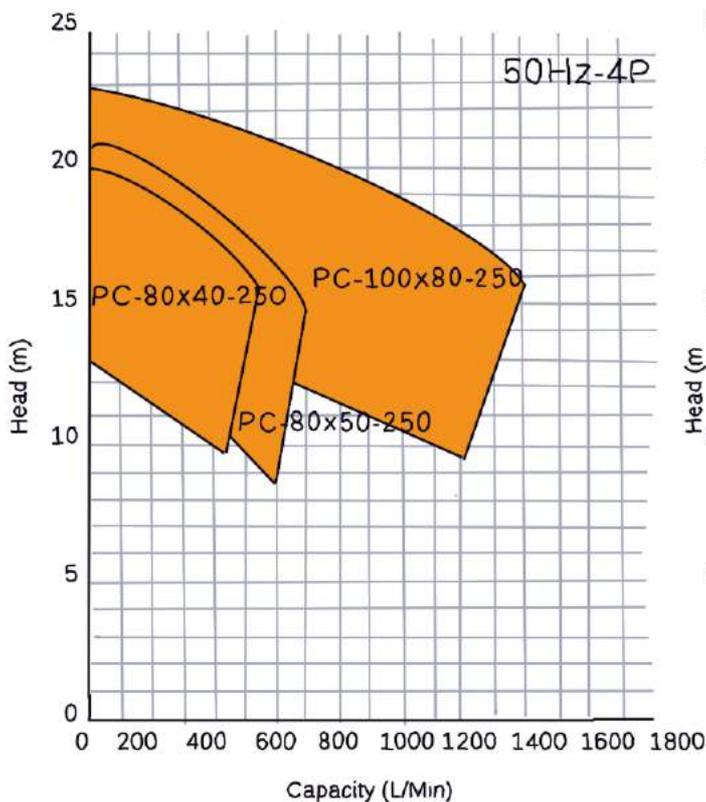
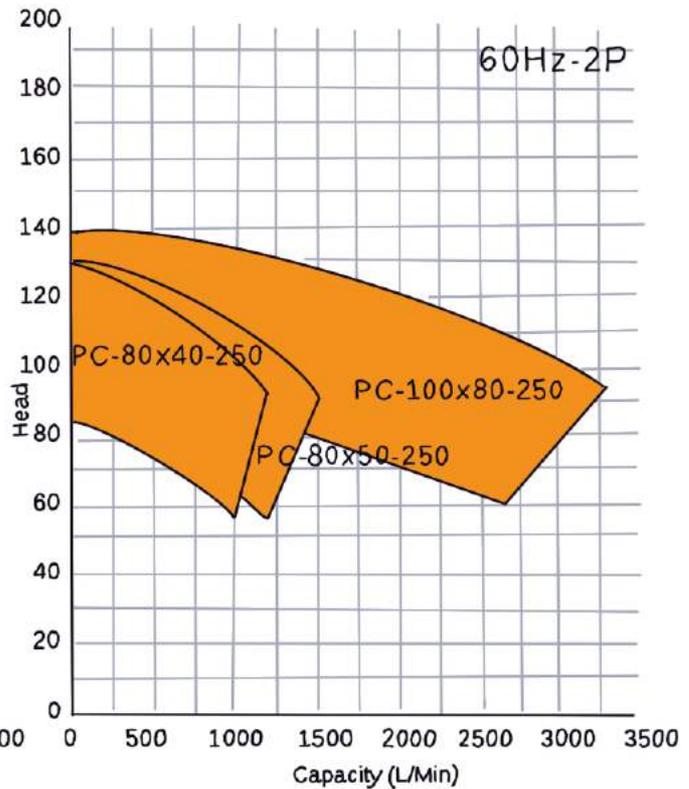
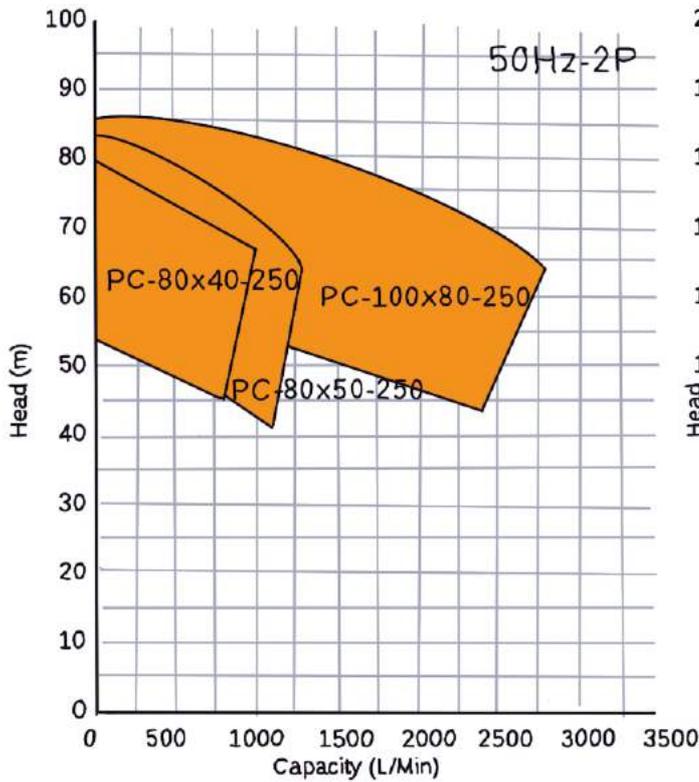
# PUMP RANGE CURVES

PUMP CURVES FOR THE PTCXPUMP STAINLESS STEEL MAGNETIC DRIVE  
PUMP RANGES PM, PS, PL, PW, PSJ, PSO, PL2 AND PC.



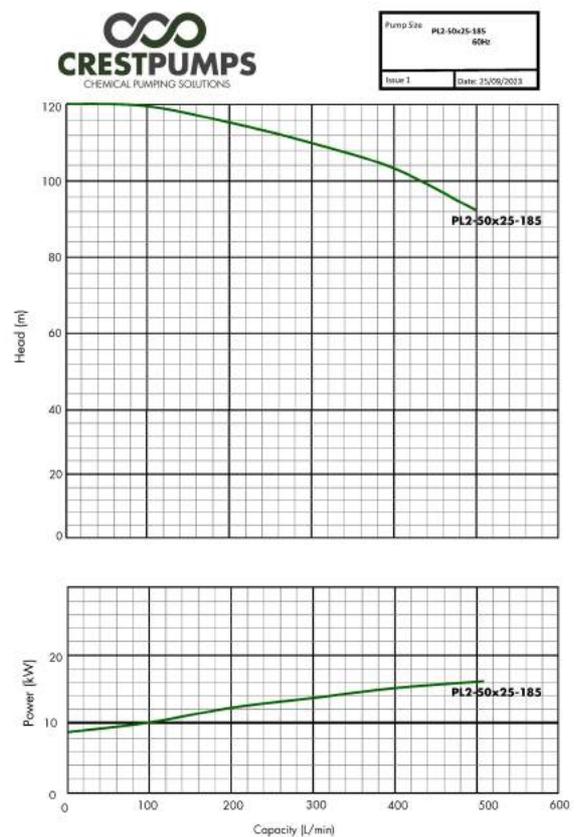
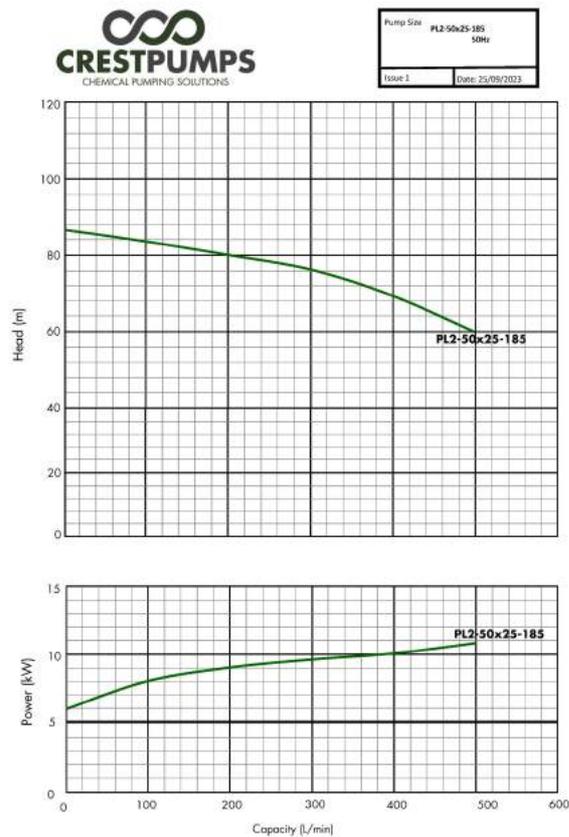
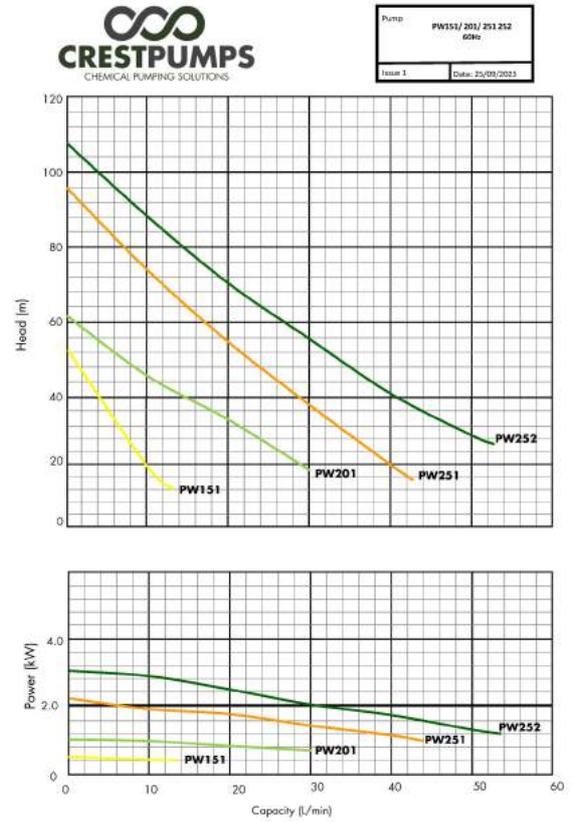
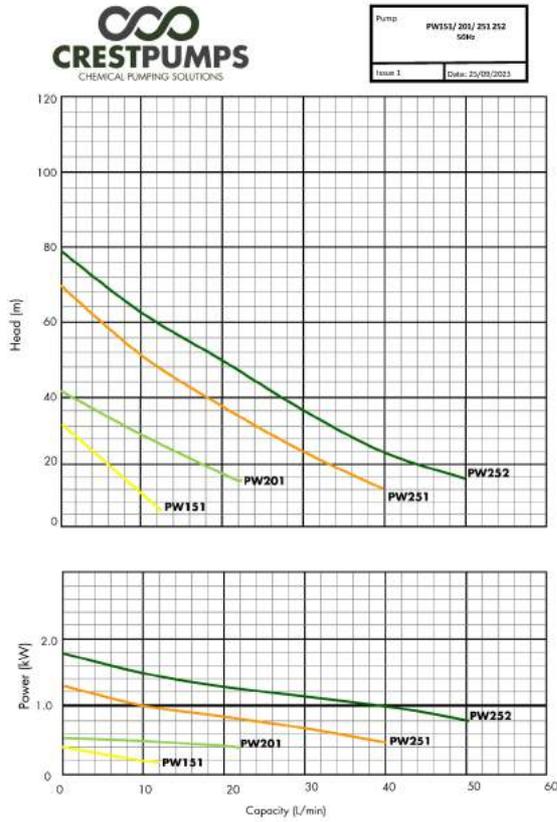
# PUMP RANGE CURVES

PUMP CURVES FOR THE PTCXPUMP STAINLESS STEEL MAGNETIC DRIVE  
PUMP RANGES PM, PS, PL, PW, PSJ, PSO, PL2 AND PC.



# PUMP RANGE CURVES

PUMP CURVES FOR THE PTCXPUMP STAINLESS STEEL MAGNETIC DRIVE  
PUMP RANGES PM, PS, PL, PW, PSJ, PSO, PL2 AND PC.



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I would like to say that I had a very good experience working with Crest Pumps, they are a good supplier, they respect delivery dates and also price wise are reasonable. I will use them again in the future! The pumps have been delivered but are not in operation yet, however, I am sure there will be no issues.

Mihai Petrescu  
Procurement Manager  
CECO Enviromental Netherlands



As an electrical engineer, I have worked with Crest Pumps over the last few years, with regards to their products, I found them to be robust, well-made, and quick to supply. The previous pump supplier to my customer were lasting only one third of the time that we have been running the new pumps from Crest. Therefore, i'm extremely pleased with the products and their longevity. In terms of support, they have been extremely proactive and helpful. I feel that Crest Pumps provide a good quality product that is backed up with excellent service and support.

Chris Ward  
DC Electrical



I recently purchased a pump from Crest Pumps and I have to say, I am thoroughly impressed with the product and the service provided. The pump works flawlessly and has exceeded my expectations. The team at Crest Pumps were incredibly helpful in helping me choose the right pump for my needs and their customer service is top-notch. I appreciated their attention to detail and willingness to answer all of my questions. I would highly recommend Crest Pumps to anyone in need of a reliable pump and excellent customer service.

Mark Dezmeri  
CSC Manufacturing Ltd



I've worked in the pump industry for over 25 years and it is no surprise that Crest Pump's name is synonymous with not just an excellent product but with customer service also. Their prompt and knowledgeable attention to enquiries coupled with great product availability ensure my clients receive the right pump at the right time.

Mark Morris  
Pump Action

