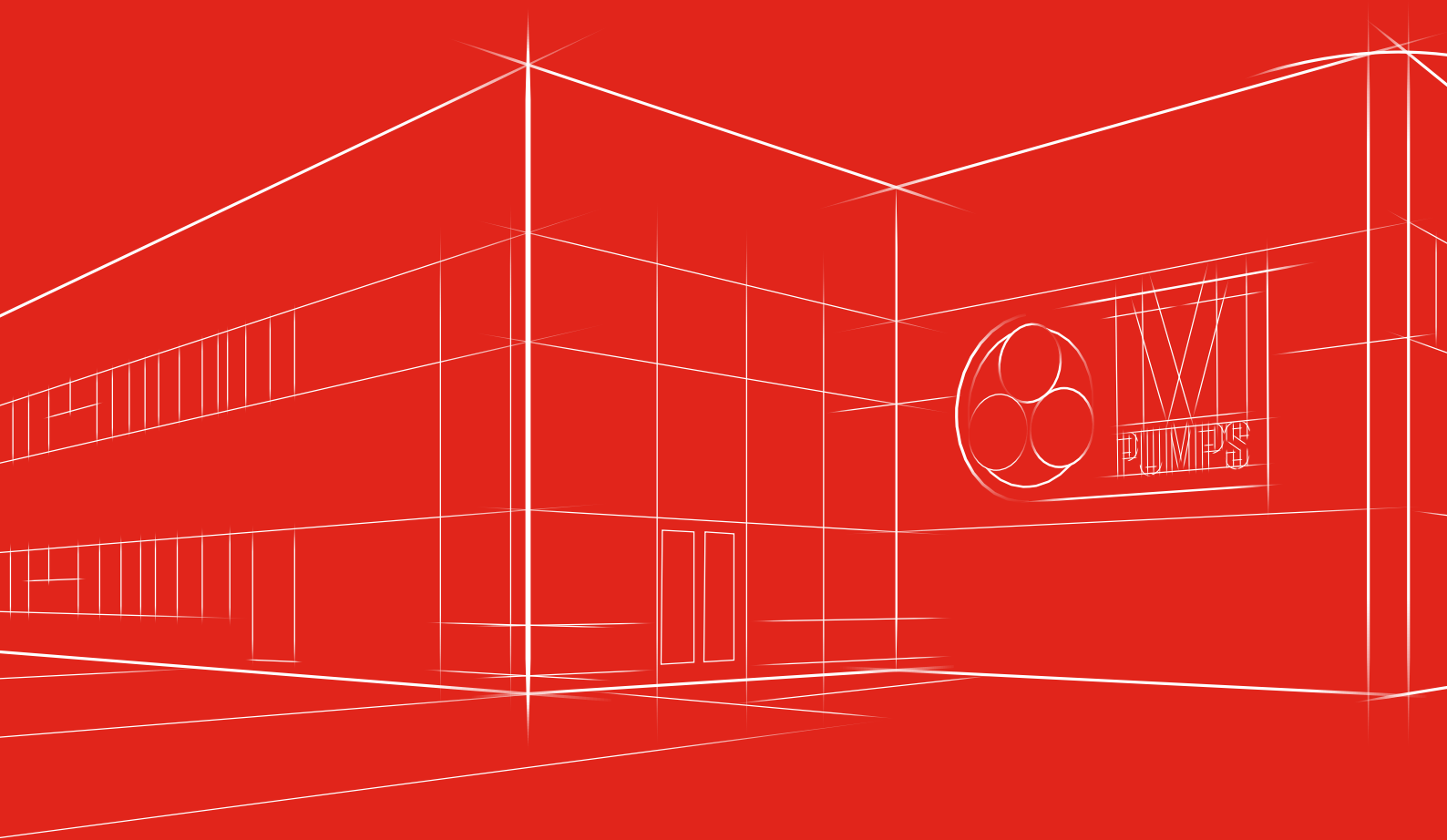


# COMPANY PROFILE



SETTING  
INNOVATIVE  
STANDARDS

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# GENERAL INFORMATION

## FOREWORD

M Pumps (M Pumps Asia Pacific Ltd. Pte in Singapore), established in 2017, is a fast-growing Company specialized in design and production of magnetic driven and mechanical seal pumps for chemical, petrochemical, pharmaceutical, natural gas and water industries, Off-shore and On-shore plants all over the world.

During the last two years, the investment have been aimed at the specific Oil & Gas field with the production of API 610 latest edition pumps, in several types according to the standard.

The employment of highly experienced professionals in key technical management positions is the proof of the Company's commitment to continuous improvement.

Experienced management, quality, performance, availability of the huge stock and an accurate attention to the customer's satisfaction differentiate M Pumps from its competitors. Our 4000 Sq. m. facilities are located in a site of a total area of 10000 Sq. m.

M Pumps mission is to provide high-quality products and services thanks to the experience gained on the market.

## FINANCIAL INFORMATION

VAT Nr.: 01238140295

Commercial Registration: Registered at R.E.A. CCIAA di Rovigo n. 138729

Paid up Capital: €100.000,00

## ADDRESS

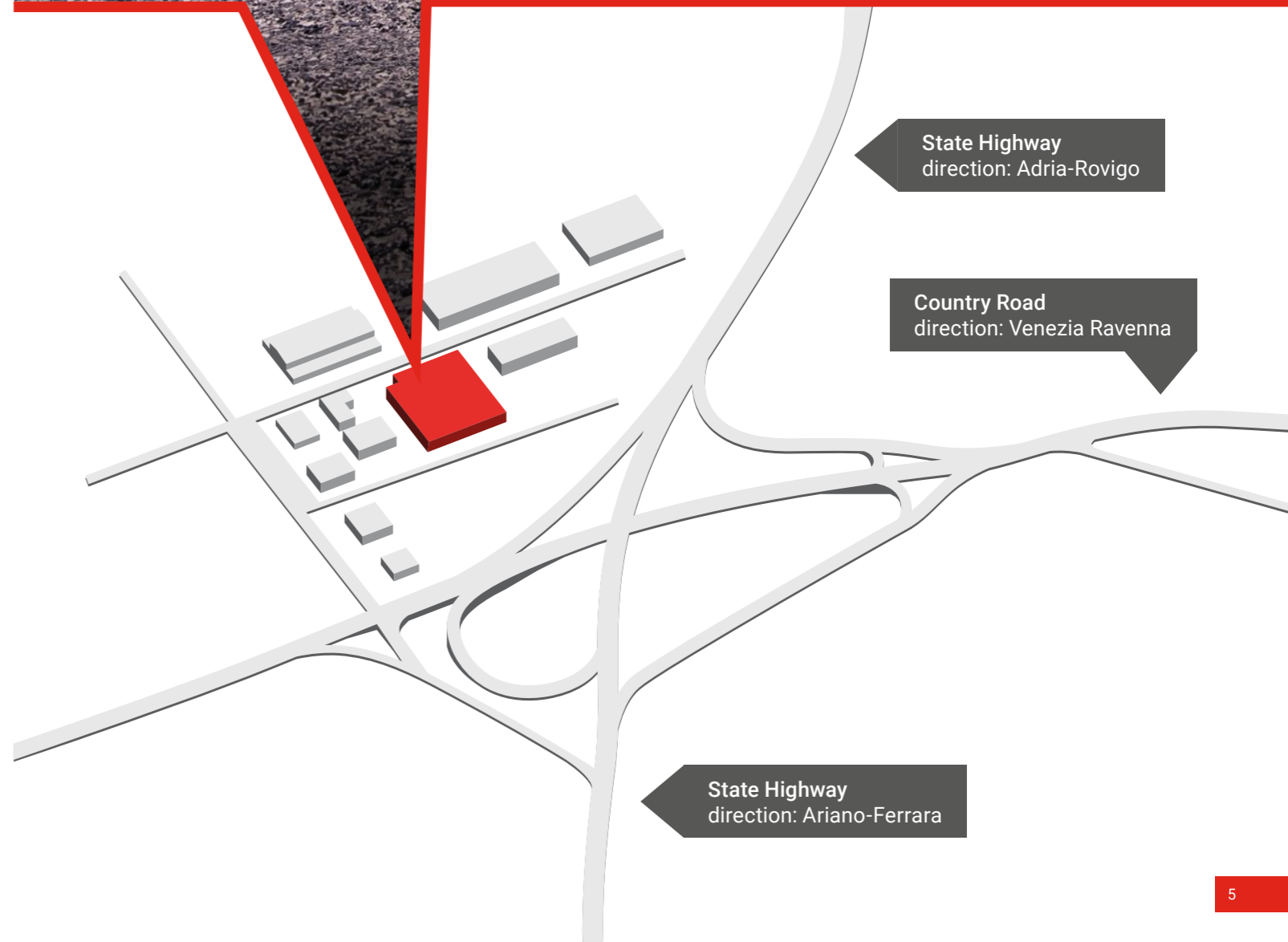
HEAD OFFICE, PLANT AND MECHANICAL WORKSHOP

Via Dell'Artigianato, 120 – 45015 – Corbola (Ro) - Italy

phone: +39/0426.346304 - fax: +39/0426.349126

e-mail: info@mpumps.it - website: www.mpumps.it

## CERTIFICATION



**PRODUCTION  
RANGE**

# PRODUCTION RANGE



PUMPS MODEL	CN MAG-MS	CR MAG-M API 685	CN MAG-M API 685	CN MAG-M
<b>GENERAL DESCRIPTION</b>	Centrifugal multistage metallic pumps mag-drive	SOLID HANDLING Centrifugal metallic mag-drive pumps according to API 685 2nd edition Standard	Centrifugal metallic mag-drive pumps according to API 685 2nd edition Standard	Centrifugal metallic mag-drive pumps according to the EN-ISO 2858 – DIN 24256 Standard
<b>CONFIGURATION</b>	BB5	OH2	OH2	OH1/ISO
<b>(AVAILABLE) CONNECTIONS</b>	FLANGED ANSI 300/1500 DIN - ISO	FLANGED ANSI 300 DIN - ISO	FLANGED ANSI 300 DIN - ISO	FLANGED ANSI 150/300 DIN - ISO
<b>MOUNTING / ASSEMBLING CONFIGURATION</b>	Long-coupled	Long-coupled	Long-coupled	Long-coupled / Close-coupled
<b>CAPACITY / FLOW UP TO</b>	1000 mc/h	4000 mc/h	4000 mc/h	4000 mc/h
<b>DELIVERY HEAD UP TO</b>	2200 m	300 m	300 m	220 m
<b>MAX VISCOSITY</b>	200 cSt	200 cSt	200 cSt	200 cSt
<b>MAX SYSTEM PRESSURE</b>	150 bar	150 bar	150 bar	150 bar
<b>TEMPERATURE RATINGS</b>	-28 °C / +400 °C	-28 °C / +400 °C	-28 °C / +400 °C	-28 °C / +350 °C
<b>NUMBER OF STAGES</b>	Up to 10	1	1	1
<b>SPEED</b>	1450/2900 rpm 1750/3500 rpm	1450/2900 rpm 1750/3500 rpm	1450/2900 rpm 1750/3500 rpm	1450/2900 rpm 1750/3500 rpm
<b>LENGTHS</b>	/	/	/	/
<b>SUCTION INDUCER AVAILABLE</b>	YES	YES	YES	YES
<b>HEATING / COOLING AVAILABLE</b>	YES	YES	YES	YES
<b>AVAILABILITY</b>	In conformity to the 94/9/EC directive for installation in environments with explosive atmosphere and supplied with certification ATEX II - / 2G cbk II C T2 T5	In conformity to the 94/9/EC directive for installation in environments with explosive atmosphere and supplied with certification ATEX II - / 2G cbk II C T2 T5	In conformity to the 94/9/EC directive for installation in environments with explosive atmosphere and supplied with certification ATEX II - / 2G cbk II C T2 T5	In conformity to the 94/9/EC directive for installation in environments with explosive atmosphere and supplied with certification ATEX II - / 2G cbk II C T2 T5
<b>MATERIALS</b>	WCB Stainless Steel Hastelloy® C276 Incoloy® 825 Duplex other materials on request	WCB Stainless Steel Hastelloy® C276 Incoloy® 825 Duplex other materials on request	WCB Stainless Steel Hastelloy® C276 Incoloy® 825 Duplex other materials on request	WCB Stainless Steel Hastelloy® C276 Incoloy® 825 Duplex other materials on request



PUMPS MODEL	CM MAG-M	CT MAG-M	CT MAG-MS	SC MAG-M
<b>GENERAL DESCRIPTION</b>	Centrifugal metallic mag-drive pumps	Peripheral metallic mag-drive pumps with low NPSH centrifugal inducer	Peripheral multistage metallic mag-drive pumps with low NPSH centrifugal inducer	Side Channel mag-drive pumps
<b>CONFIGURATION</b>	/	/	OH2	/
<b>(AVAILABLE) CONNECTIONS</b>	FLANGED ANSI 150/300 DIN - ISO THREADED BSP / NPT	FLANGED ANSI 300 DIN - ISO	FLANGED ANSI 300 DIN - ISO	FLANGED ANSI 150/300 DIN - ISO
<b>MOUNTING / ASSEMBLING CONFIGURATION</b>	Close-coupled	Close-coupled	Close-coupled	Close-coupled
<b>CAPACITY / FLOW UP TO</b>	35 mc/h	25 mc/h	24 mc/h	40 mc/h
<b>DELIVERY HEAD UP TO</b>	36 m	310 m	1000 m	450 m
<b>MAX VISCOSITY</b>	200 cSt	200 cSt	200 cSt	200 cSt
<b>MAX SYSTEM PRESSURE</b>	16 bar	25 bar	50 bar	40 bar
<b>TEMPERATURE RATINGS</b>	-28 °C / +300 °C	-28 °C / +350 °C	-28 °C / +350 °C	-28 °C / +120 °C
<b>NUMBER OF STAGES</b>	1	1	2	From 1 to 8
<b>SPEED</b>	1450/2900 rpm 1750/3500 rpm	1450/2900 rpm 1750/3500 rpm	1450/2900 rpm 1750/3500 rpm	1450/2900 rpm 1750/3500 rpm
<b>LENGTHS</b>	/	/	/	/
<b>SUCTION INDUCER AVAILABLE</b>	NO	Standard	Standard	NO
<b>HEATING / COOLING AVAILABLE</b>	YES	YES	YES	YES
<b>AVAILABILITY</b>	In conformity to the ATEX directive, with marking: II - / 2G cbk II C T2 T5	In conformity to the ATEX directive, with marking: II - / 2G cbk II C T2 T5	In conformity to the ATEX directive, with marking: II - / 2G cbk II C T2 T5	In conformity to the ATEX directive, with marking: II - / 2G cbk II C T2 T5
<b>MATERIALS</b>	Stainless Steel Hastelloy® C276 Incoloy® 825 Duplex other materials on request	WCB Stainless Steel Hastelloy® C276 Incoloy® 825 Duplex other materials on request	WCB Stainless Steel Hastelloy® C276 Incoloy® 825 Duplex other materials on request	Stainless Steel Hastelloy® C276 Incoloy® 825 Duplex other materials on request

# PRODUCTION RANGE



PUMPS MODEL	T MAG-M	T MAG-XPM	VANEMAG	V IN LINE
<b>GENERAL DESCRIPTION</b>	Peripheral metallic mag-drive pumps	Peripheral metallic mag-drive pumps for high pressure systems	Sealless sliding vane metallic mag-drive pumps	Sealless sliding vane metallic mag-drive pumps
<b>CONFIGURATION</b>	/	/	/	/
<b>(AVAILABLE) CONNECTIONS</b>	FLANGED ANSI 150/300 DIN - ISO THREADED BSP / NPT	FLANGED API Tp 6 BX – Ring Joint	THREADED G / NPT	FLANGED ANSI 150/300 DIN-ISO THREADED G / NPT
<b>MOUNTING / ASSEMBLING CONFIGURATION</b>	Close-coupled	Close-coupled	Close-coupled	Close-coupled
<b>CAPACITY / FLOW UP TO</b>	9 mc/h	25 mc/h	3 mc/h	3 mc/h
<b>DELIVERY HEAD UP TO</b>	90 m	310 m	Up to 12 bar	Up to 12 bar
<b>MAX VISCOSITY</b>	200 cSt	200 cSt	10000 cSt	10000 cSt
<b>MAX SYSTEM PRESSURE</b>	25 bar	25 bar	25 bar	25 bar (Standard) 150 bar (HP Version)
<b>TEMPERATURE RATINGS</b>	-28 °C / +350 °C	-28 °C / +350 °C	-20 °C / +200 °C	-20 °C / +200 °C
<b>NUMBER OF STAGES</b>	1	1	1	1
<b>SPEED</b>	1450/2900 rpm 1750/3500 rpm	1450/2900 rpm 1750/3500 rpm	1450/1750 rpm	1450/1750 rpm
<b>LENGTHS</b>	/	/	/	/
<b>SUCTION INDUCER AVAILABLE</b>	NO	NO	NO	NO
<b>HEATING / COOLING AVAILABLE</b>	YES	YES	YES	YES
<b>AVAILABILITY</b>	In conformity to the ATEX directive, with marking: II - / 2G cbk II C T2 T5	In conformity to the ATEX directive, with marking: II - / 2G cbk II C T2 T5	In conformity to the ATEX directive, with marking: II - / 2G cbk II C T2 T5	In conformity to the ATEX directive, with marking: II - / 2G cbk II C T2 T5
<b>MATERIALS</b>	Stainless Steel Hastelloy® C276 Incoloy® 825 Duplex other materials on request	Stainless Steel Hastelloy® C276 Incoloy® 825 Duplex Titanium other materials on request	Stainless Steel Hastelloy® C276 Incoloy® 825 Duplex other materials on request	Stainless Steel Hastelloy® C276 Incoloy® 825 Duplex other materials on request



PUMPS MODEL	V MODULAR	MHV MAG-M	CN MAG-M ANSI B 73.3	CN MAG-MV
<b>GENERAL DESCRIPTION</b>	Sealless sliding vane metallic multistage mag-drive pumps	Positive Displacement Disc Rotor Pumps Magnetic Drive	Metallic Mag-drive Pumps	Centrifugal Vertical in line Mag-drive Pumps
<b>CONFIGURATION</b>	/	/	/	/
<b>(AVAILABLE) CONNECTIONS</b>	THREADED G / NPT	THREADED ANSI 150 DIN - ISO	FLANGED ANSI 150/300	FLANGED ANSI 300 DIN - ISO
<b>MOUNTING / ASSEMBLING CONFIGURATION</b>	Close-coupled	Long coupled / Close-coupled	Long-coupled	Vertical
<b>CAPACITY / FLOW UP TO</b>	2 mc/h	38 mc/h	4000 mc/h	4000 mc/h
<b>DELIVERY HEAD UP TO</b>	Up to 48 bar	Up to 8 bar	155 m	300 m
<b>MAX VISCOSITY</b>	5000 cSt	25000 cSt	200 cSt	200 cSt
<b>MAX SYSTEM PRESSURE</b>	50 bar (Standard) 150 bar (HP Version)	16 bar (Standard)	50 bar	150 bar
<b>TEMPERATURE RATINGS</b>	-20 °C / +200 °C	-28 °C / +200 °C	-28 °C / +350 °C	-28 °C / +400 °C
<b>NUMBER OF STAGES</b>	Up to 10	1	1	1
<b>SPEED</b>	750/950 rpm	50/300 rpm	1750/3500 rpm	1450/2900 rpm 1750/3500 rpm
<b>LENGTHS</b>	/	/	/	/
<b>SUCTION INDUCER AVAILABLE</b>	YES	NO	YES	YES
<b>HEATING / COOLING AVAILABLE</b>	NO	NO	YES	YES
<b>AVAILABILITY</b>	In conformity to the ATEX directive, with marking: II - / 2G cbk II C T2 T5	In conformity to the ATEX directive, with marking: II - / 2G cbk II C T2 T5	In conformity to the 94/9/EC directive for installation in environments with explosive atmosphere and supplied with certification ATEX II - / 2G cbk II C T2 T5	In conformity to the 94/9/EC directive for installation in environments with explosive atmosphere and supplied with certification ATEX II - / 2G cbk II C T2 T5
<b>MATERIALS</b>	Stainless Steel for pressure up to 50 bar Hastelloy® C276 for pressure up to 150 bar other materials on request	Cast Iron Stainless Steel	WCB Stainless Steel Hastelloy® C276 Incoloy® 825 Duplex other materials on request	WCB Stainless Steel Hastelloy® C276 Incoloy® 825 Duplex other materials on request

# PRODUCTION RANGE



PUMPS MODEL	GS MAG-M	CNV MAG-M	T ECO MAG-M	C MAG-PL
<b>GENERAL DESCRIPTION</b>	Volumetric gear Mag-drive Pumps	Vertical Centrifugal Mag-drive Pumps	Peripheral Mag-drive Pumps	Centrifugal Mag-drive lined Pumps
<b>CONFIGURATION</b>				
<b>(AVAILABLE) CONNECTIONS</b>	FLANGED ANSI 150 DIN - ISO THREADED BSP / NPT	FLANGED DIN - ISO ANSI 150/300	THREADED BSP / NPT	FLANGED UNIVERSAL ANSI - DIN
<b>MOUNTING / ASSEMBLING CONFIGURATION</b>	Long-coupled	Vertical	Close-coupled	Close-coupled
<b>CAPACITY / FLOW UP TO</b>	80 mc/h	4000 mc/h	1,5 mc/h	Up to 140 mc/h
<b>DELIVERY HEAD UP TO</b>	30 bar	350 m	85 m	Up to 44 m
<b>MAX VISCOSITY</b>	25000 cSt	200 cSt	200 cSt	200 cSt
<b>MAX SYSTEM PRESSURE</b>	Up to 30 bar	16 bar (Standard) 150 bar (HP Version)	16 bar	16 bar
<b>TEMPERATURE RATINGS</b>	Up to + 200 °C	-28 °C / +200 °C	-28 °C / +300 °C	- 5 °C / + 60 °C for PP -40 °C / + 80 °C for PVDF
<b>NUMBER OF STAGES</b>	1	1	1	1
<b>SPEED</b>	250/1450 rpm	1450/2900 rpm 1750/3500 rpm	1450/2900 rpm 1750/3500 rpm	1450/2900 rpm 1750/3500 rpm
<b>LENGTHS</b>	/	Up to 7 m	/	/
<b>SUCTION INDUCER AVAILABLE</b>		NO	NO	NO
<b>HEATING / COOLING AVAILABLE</b>		NO	NO	NO
<b>AVAILABILITY</b>	In conformity to the 94/9/EC directive for installation in environments with explosive atmosphere and supplied with certification ATEX II - / 2G cbk II C T2 T5		In conformity to the ATEX directive, with marking: II - / 2G cbk II C T2 T5	In conformity to the ATEX directive, with marking: II - / 2G cbk II C T5
<b>MATERIALS</b>	WCB Stainless Steel Hastelloy® C276 Incoloy® 825 Duplex other materials on request	Stainless Steel Hastelloy® C276 Incoloy® Duplex	EPDM VITON® FEP GRAFOIL ASB. FREE	PP PVDF



PUMPS MODEL	VP SERIES	CM MAG-P	T MAG-P	CV MAG-P
<b>GENERAL DESCRIPTION</b>	Sealless PP and PVDF sliding vane mag-drive Pumps	Centrifugal PP and PVDF Mag-drive Pumps	Peripheral Mag-drive Pumps	Centrifugal Vertical Mag-drive Pumps
<b>CONFIGURATION</b>				
<b>(AVAILABLE) CONNECTIONS</b>	FLANGED UNIVERSAL ANSI-DIN THREADED BSP / NPT	THREADED BSP / NPT	FLANGED ANSI 150 DIN - ISO THREADED BSP / NPT	FLANGED ANSI 150 DIN - ISO THREADED BSP / NPT for C MAG-P 32-40 pumps
<b>MOUNTING / ASSEMBLING CONFIGURATION</b>	Close-coupled	Close-coupled	Close-coupled	Vertical
<b>CAPACITY / FLOW UP TO</b>	3 mc/h	35 mc/h	13 mc/h	140 mc/h
<b>DELIVERY HEAD UP TO</b>	Up to 5 bar	23 m	Up to 53 m	Up to 44 m
<b>MAX VISCOSITY</b>	5000 cSt	200 cSt	200 cSt	200 cSt
<b>MAX SYSTEM PRESSURE</b>	5 bar	5 bar	5 bar	5 bar
<b>TEMPERATURE RATINGS</b>	- 5 °C / + 60 °C for PP -40 °C / + 80 °C for PVDF	- 5 °C / + 60 °C for PP -40 °C / + 80 °C for PVDF	- 5 °C / + 60 °C for PP -40 °C / + 80 °C for PVDF	- 5 °C / + 60 °C for PP -40 °C / + 80 °C for PVDF
<b>NUMBER OF STAGES</b>	1	1	1	1
<b>SPEED</b>	1450/1750 rpm	1450/2900 rpm	1450/2900 rpm	1450/2900 rpm
<b>LENGTHS</b>	/	/	NO	Up to 7 m
<b>SUCTION INDUCER AVAILABLE</b>	NO	NO	NO	NO
<b>HEATING / COOLING AVAILABLE</b>	NO	NO	NO	NO
<b>AVAILABILITY</b>	In conformity to the ATEX directive, with marking: II - / 3G cbk II C T5	In conformity to the ATEX directive, with marking: II - / 3G cbk II C T5	In conformity to the ATEX directive, with marking: II - / 3G cbk II C T5	
<b>MATERIALS</b>	PP PVDF	PP PVDF	PP PVDF	PP PVDF

# PRODUCTION RANGE



PUMPS MODEL	CL SEAL-M DIN EN 22858	CN SEAL-M API 610 11TH ED.	CN SEAL-MV API 610 11TH ED.	CNV SEAL-M API 610 11TH ED.
GENERAL DESCRIPTION	Centrifugal lined mechanical seal pump according to EN 22858/ ISO 2858	Mechanical seal pump According to API 610	Centrifugal heavy duty mechanical seal pump According to API 610	Centrifugal heavy duty mechanical seal pump According to API 610
CONFIGURATION		OH2	OH3	VS4
(AVAILABLE) CONNECTIONS	FLANGED DIN	FLANGED ANSI 150/300	FLANGED ANSI 300	FLANGED ANSI 150/300
MOUNTING / ASSEMBLING CONFIGURATION	Bare-frame	Long-coupled	Bare-frame	Vertical
CAPACITY / FLOW UP TO	340 mc/h	4000 mc/h	4000 mc/h	600 mc/h
DELIVERY HEAD UP TO	86 m	2400 m	350 m	220 m
MAX VISCOSITY	200 cSt	200 cSt	200 cSt	200 cSt
MAX SYSTEM PRESSURE	16 Bar	50 bar	50 bar	25 bar
TEMPERATURE RATINGS	-28 °C / +120 °C	-28 °C / +400 °C	-28 °C / +400 °C	-28 °C / +300 °C
NUMBER OF STAGES	1	1	1	1
SPEED	1450/2900 rpm	1450/2900 rpm 1750/3500 rpm	1450/2900 rpm 1750/3500 rpm	1450/2900 rpm 1750/3500 rpm
LENGTHS	/	/	/	/
SUCTION INDUCER AVAILABLE	NO	YES	YES	NO
HEATING / COOLING AVAILABLE	NO	YES	YES	YES
AVAILABILITY	In conformity to the 94/9/EC directive for installation in environments with explosive atmosphere and supplied with certification ATEX II - / 2G c II C T5	In conformity to the 94/9/EC directive for installation in environments with explosive atmosphere and supplied with certification II - / 2GD c II C T2 T5	In conformity to the 94/9/EC directive for installation in environments with explosive atmosphere and supplied with certification II - / 2GD c II C T2 T5	In conformity to the 94/9/EC directive for installation in environments with explosive atmosphere and supplied with certification ATEX II - / 2GD cbk II C T2 T5
MATERIALS	CAST IRON / FEP	WCB Stainless Steel Hastelloy® C276 Incoloy® 825 Duplex	WCB Stainless Steel Hastelloy® C276 Incoloy® 825 Duplex	WCB Stainless Steel Hastelloy® C276 Incoloy® 825 Duplex

## PERFORMANCE RANGE

CAPACITY:  
up to 4000 mc/h

HEAD:  
up to 1500 m

SYSTEM PRESSURE:  
up to 1500 bar

TEMPERATURE:  
from - 90°C  
up to + 450°C

INSTALLED POWER:  
up to 1000 kW

special and custom made pumps available upon customer request



**PLANT  
INFORMATION**

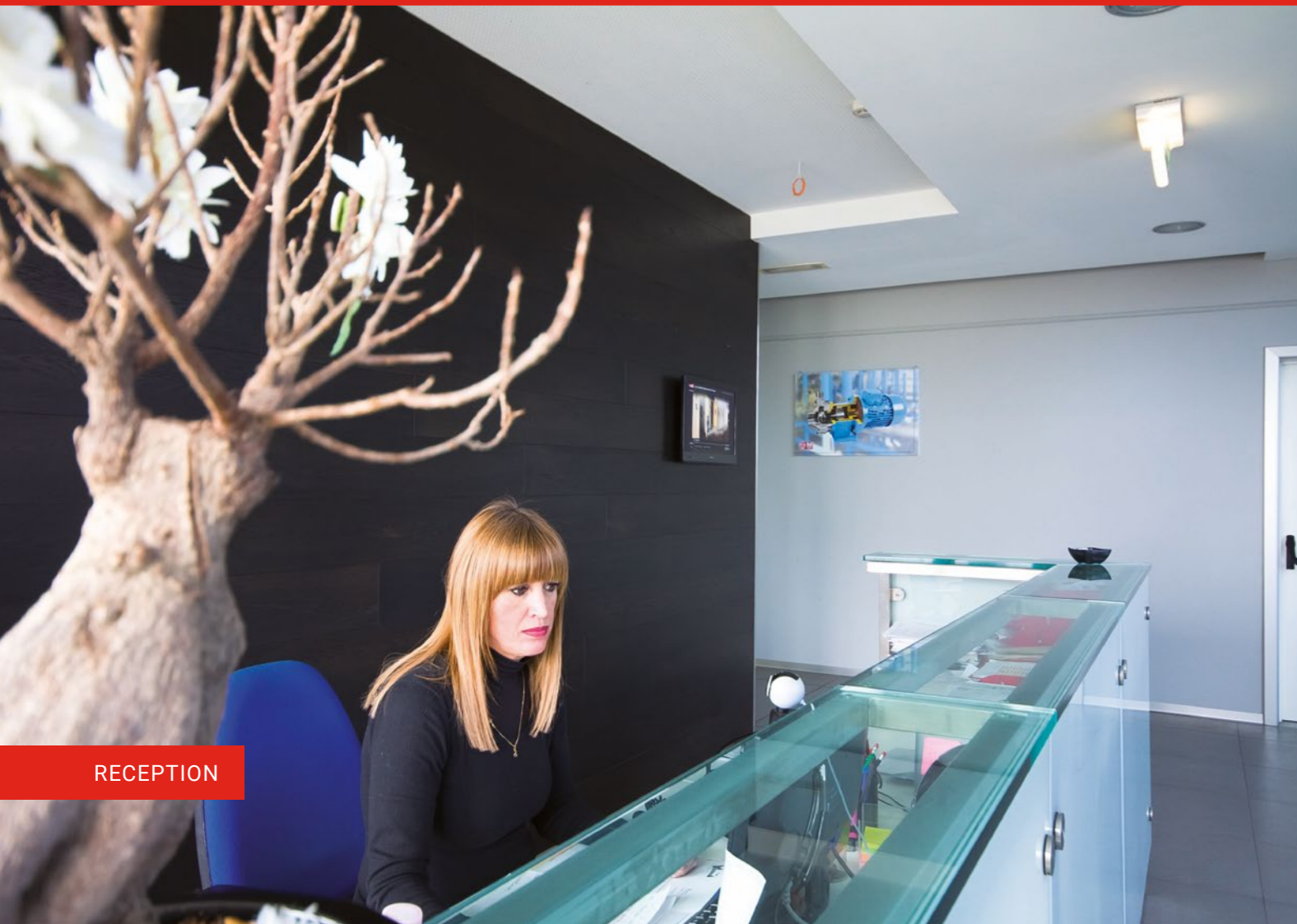
# PLANT INFORMATION



ENTRANCE



TECHNICAL DEPARTMENT



RECEPTION



WORKSHOP



ASSEMBLY AREA



PRODUCTION AREA



CNC AREA



WAREHOUSE

**USER  
REFERENCE**

ALCANTARA®



RIETER



AQUAFIL  
synthetic fibres and polymers



HYDROGENICS  
CORPORATION



SAMSUNG  
SAMSUNG ENGINEERING

Statoil



sanofi aventis  
La salute, la cosa più importante

MOMENTIVE™



FANUC  
FA EUROPE

Novacem  
Carbon negative cement



BPI-CHEMPUMP



Italmatch Chemicals

michael smith  
engineers ltd



SARPOM

TECHINT

Chemetall

ARAUCO.

Lucart  
Group



Johnson  
Controls

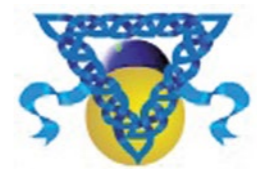


SASOL  
reaching new frontiers

Tecnimont



PLIVA



Zach<sup>z</sup>  
Zambon Chemicals



POLIMERI EUROPA  
AN ENICHEM UNION CARBIDEVENTURE



TEVA



FLUITEN

performanceadditives



POLYNT



Costa Edutainment spa

FRATELLI  
Carli  
— DAL 1911 —

comet.aero  
airline supply services




ERCA  
ESPERIENZE RICERCHE CHIMICHE APPLICATE SPA

fuglesangs



SONNEK  
ENGINEERING



**M Pumps s.r.l. - ITALY** 

[www.mpumps.it](http://www.mpumps.it)  
[info@mpumps.it](mailto:info@mpumps.it)

Phone +39 0426 346304  
Fax +39 0426 349126

**CONTACTS**

**M Pumps S.r.l.**

Head Office, Plant and Mechanical Workshop  
Via Dell'Artigianato, 120 - 45015 Corbola (Ro)

Phone: +39 0426 346304

Fax: +39 0426 349126

[info@mpumps.it](mailto:info@mpumps.it)

[www.mpumps.it](http://www.mpumps.it)



**SETTING  
INNOVATIVE  
STANDARDS**

