MEC 9000
MEC 11000
MEC 13500

Catalogo Tecnico

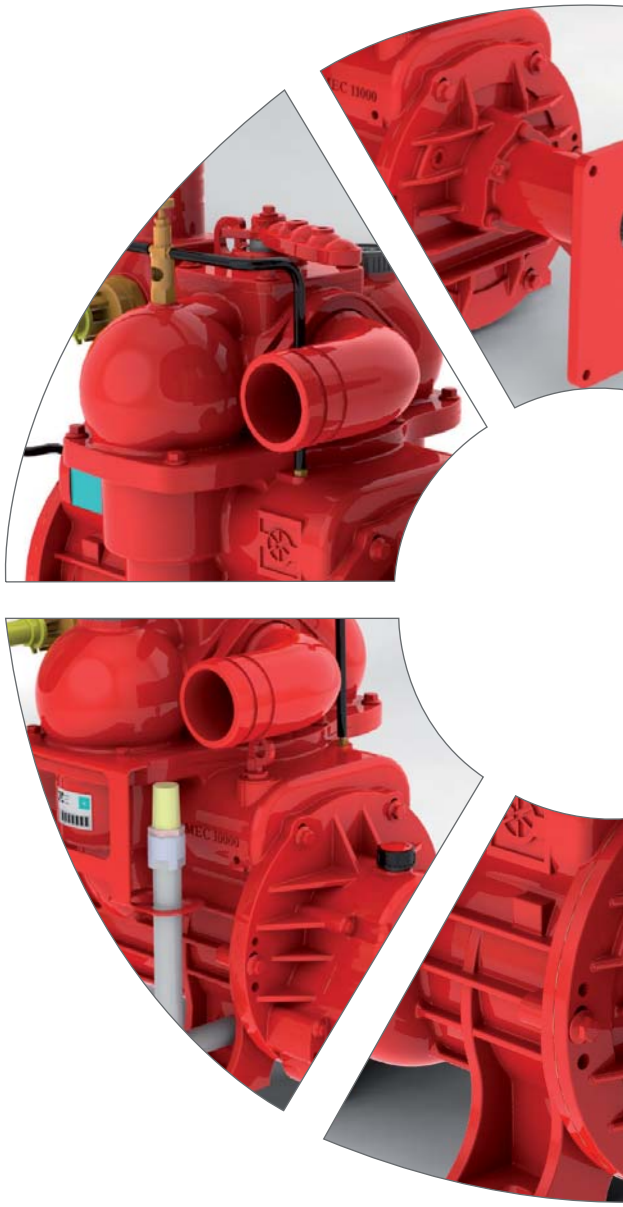
Technical catalogue

Catalogue technique

Technischer Katalog

Catálogo Técnico

Catálogo Técnico

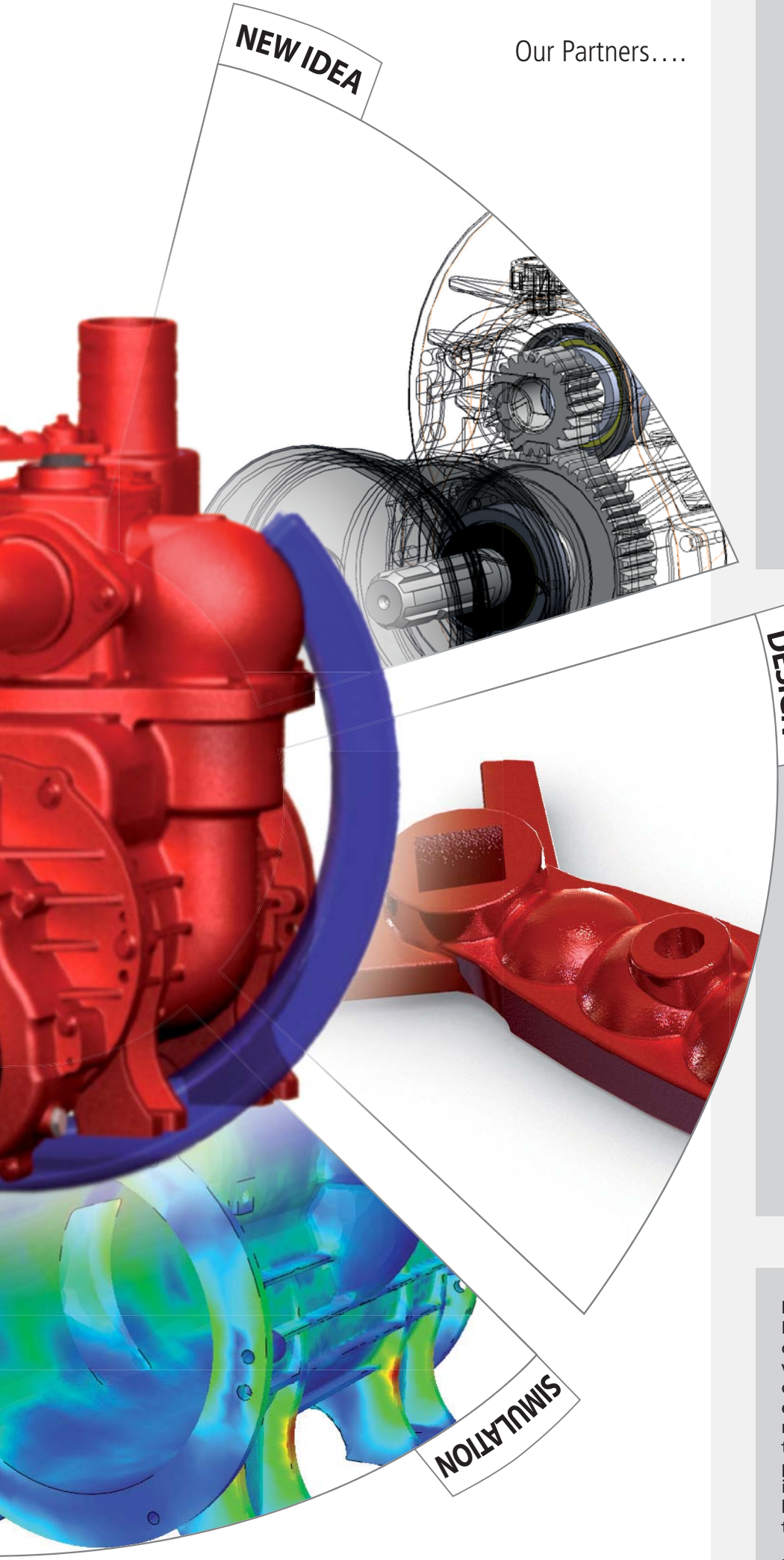


Battioni®
Pagani
Pompe

Battioni Pagani Pompe® in cooperation with SPRInT, the Team of Engineering and Research of the Department of Industrial Engineering at the University of Parma, are proud to present the new **MEC II** pump: a technology breakthrough result of a major joint effort in product development and of innovative design processes. The MEC II offers world class top performances and increased structural resistance achieved despite reduced weight and size compared with its predecessor and any other similar product available on the market.

A first time ever in agricultural pump industry, our scientific method and rigorous approach to product design combining advanced engineering processes and virtual simulations, have been instrumental to further improve the performances of our products combining the right mix of technology innovation with our traditional long standing values of quality and reliability.

Battioni Pagani Pompe® is a world wide leader in design and manufacturing of Rotary Vanes Vacuum Pumps for agricultural and industrial markets since 1952. With a production capacity of over 20.000 pumps the company further widens its product portfolio by adding the MEC II pump to the MEC family. **Battioni Pagani Pompe®** is a ISO 9001 certified company and with more than 500.000 MEC pumps delivered to over 100 countries **Battioni Pagani Pompe®** is recognized for its proven track record of consistent delivery of quality and reliability to its customers worldwide.



Our Partners....

SPRInT is a Team of Engineering and Research in Mechanical Design and Construction Machinery area at the Department of Industrial Engineering at the University of Parma, mixing strong Research and Industrial Development Experiences and Technical-Scientific Research.

SPRInT cooperates with industrial companies concerning Research and Development, Engineering, Advice and Training in Structural Mechanical Design, CAD/CAE Methods, Virtual Prototyping sectors.

The experience reached and quality of realized projects allow to collaborate with industrial companies on their product innovation process in full compliance with their requirements.

home: www.sprint-solutions.it
mail: info@sprint-solutions.it

e-FEM is an Engineering Company specialized (qualified) in CAE (Computer Aided Engineering) area and it is born after natural maturation of technical-scientific and professional experiences of its members, mixing high level engineering knowledge and well-established (strong) experience in CAE desing sectors. Multidisciplinarity, professionality and high dynamism are the features that allow to e-FEM to assist and support customers, through a complete offer of simulation and design services, in their decision-making process for the product innovation and development. e-FEM are qualified in following areas: 3D-model, structural and mechanical design, FEM calculation, multibody dynamic analysis, fluid-dynamic analysis, structural optimization, advanced (innovative) composite materials and polymeric materials.

home: www.e-fem.it
mail: info@e-fem.it

FUORITHEMA ARCHITETTURA
Located in Parma, is made of professionals with proved experience. They are organized, together with external consultants, in a multidisciplinary team able to issue the more suitable proposal for every situation in the field of industrial and handicrafts design, architecture and design.

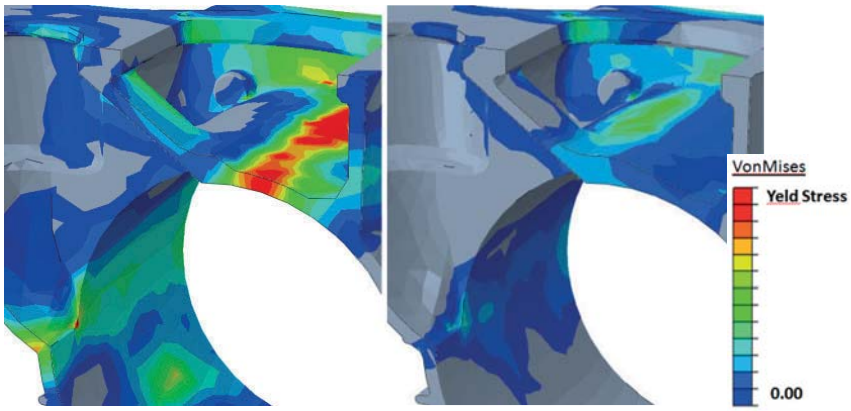
home: www.fuorithema.com
mail: info@fuorithema.com

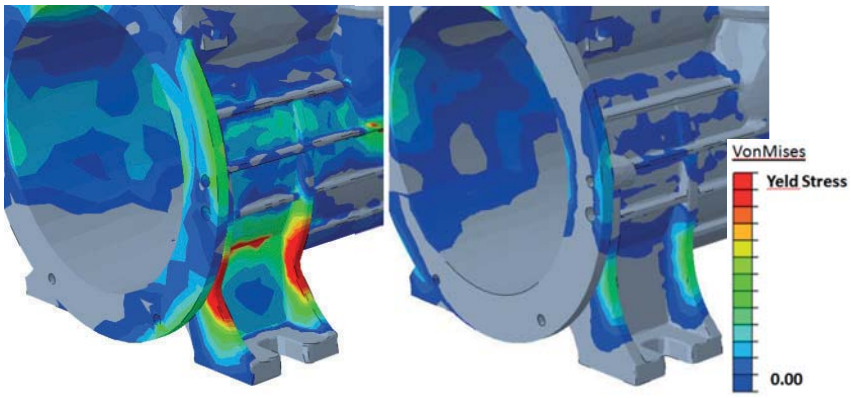
ENGINEERING AND MANUFACTURING

Our design methodology and state of the art mass production equipment and processes assure to all our customers consistent delivery of product performance, quality and reliability at the lowest possible cost.

FINITE ELEMENT METHOD ANALYSIS (FEM)

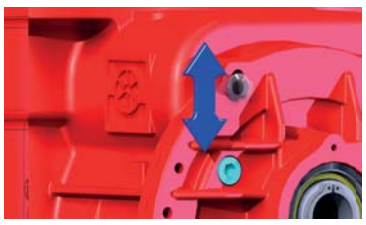
The MEC II is designed by Finite Element Method to achieve very compact dimensions and light weight. This has been obtained at no compromise with performances: for example the structural shock resistance of the pump in case of blades crash is instead considerably increased.

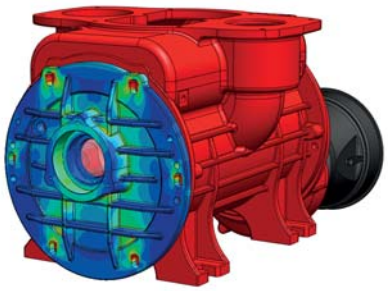




CRASH PROTECTION SYSTEM

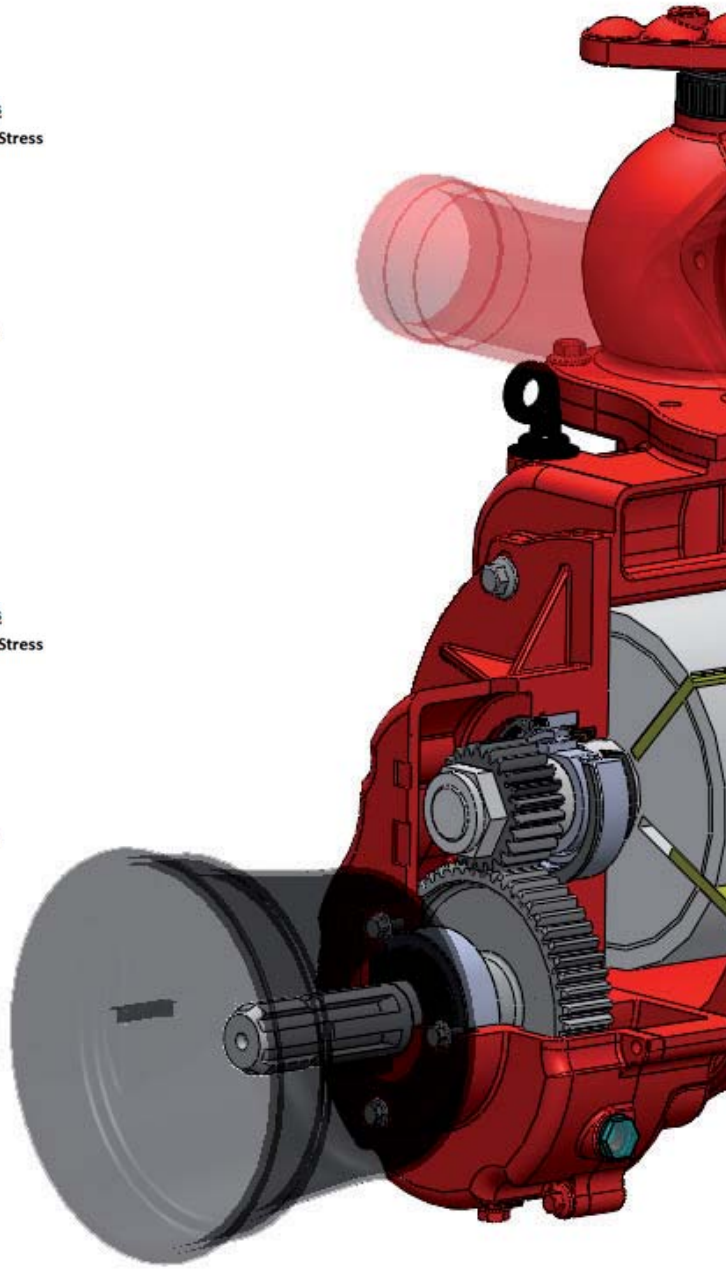
The MEC II ***Sliding Flanges*** protection mechanism prevents the housing or rotor to break of in case of vanes crash.

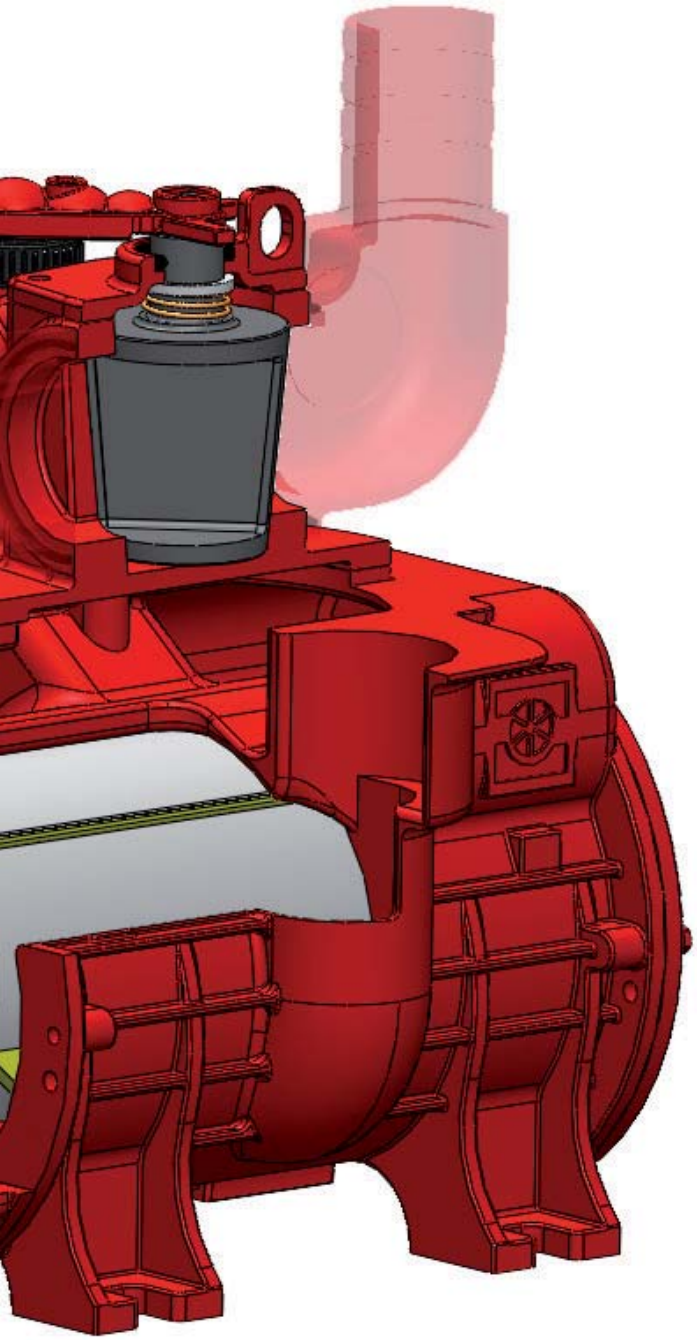




AXIAL COOLING FINS

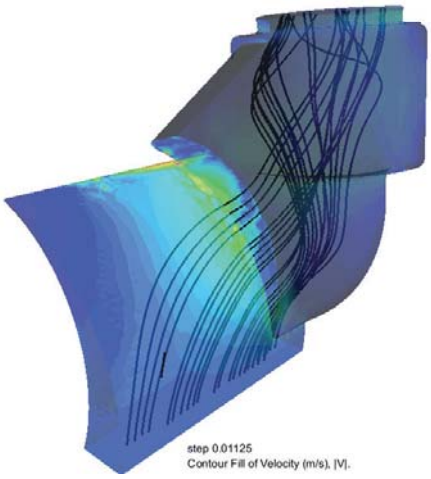
The accurate dimensioning of the housin cooling fins maximizes the quantity of heat dissipated by natural convection under any working conditions.





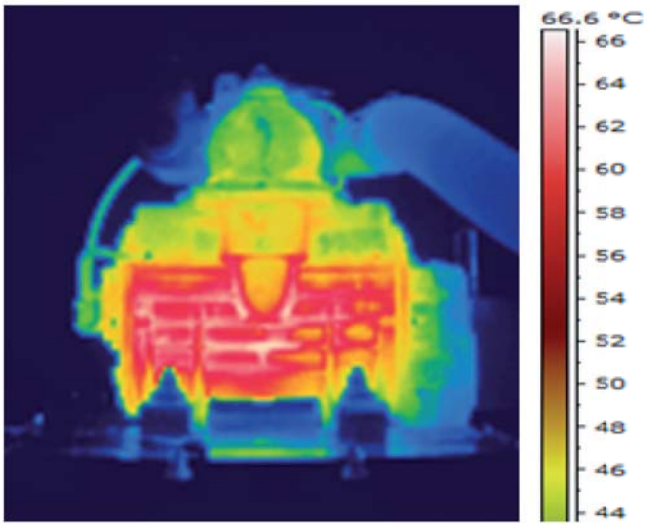
COMPUTATIONAL FLUID DYNAMIC (CFD)

The Computational Fluid Dynamic analyzes in details the behavior of air flows and pressures within the vacuum lines. Streamlining ducts is mandatory to obtain maximum efficiency and to eliminate overheating at the most extreme working conditions.



THERMOGRAPHIC TEST

The thermo-graphic analysis of the temperature gradient and of the distribution of the infrared radiations points exactly to the areas where efficiency improvements maybe required.



PUMP ACCEPTANCE TEST

Conformity and CE certificates are released subsequent to final assembly at the end of the manufacturing line where our automatic computer station tests compliancy of each pump performances maintaining a serial number database for full traceability.

MEC
9000 - 11000 - 13500

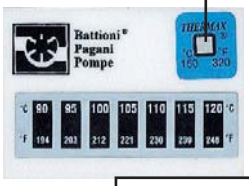
Predisposition for overpressure valve
Predisposizione per valvola di sovrapressione
Prédisposition pour soupape de surpression
Vorbereitung für Überdruckventil
Disposição para válvula de sobrepressao

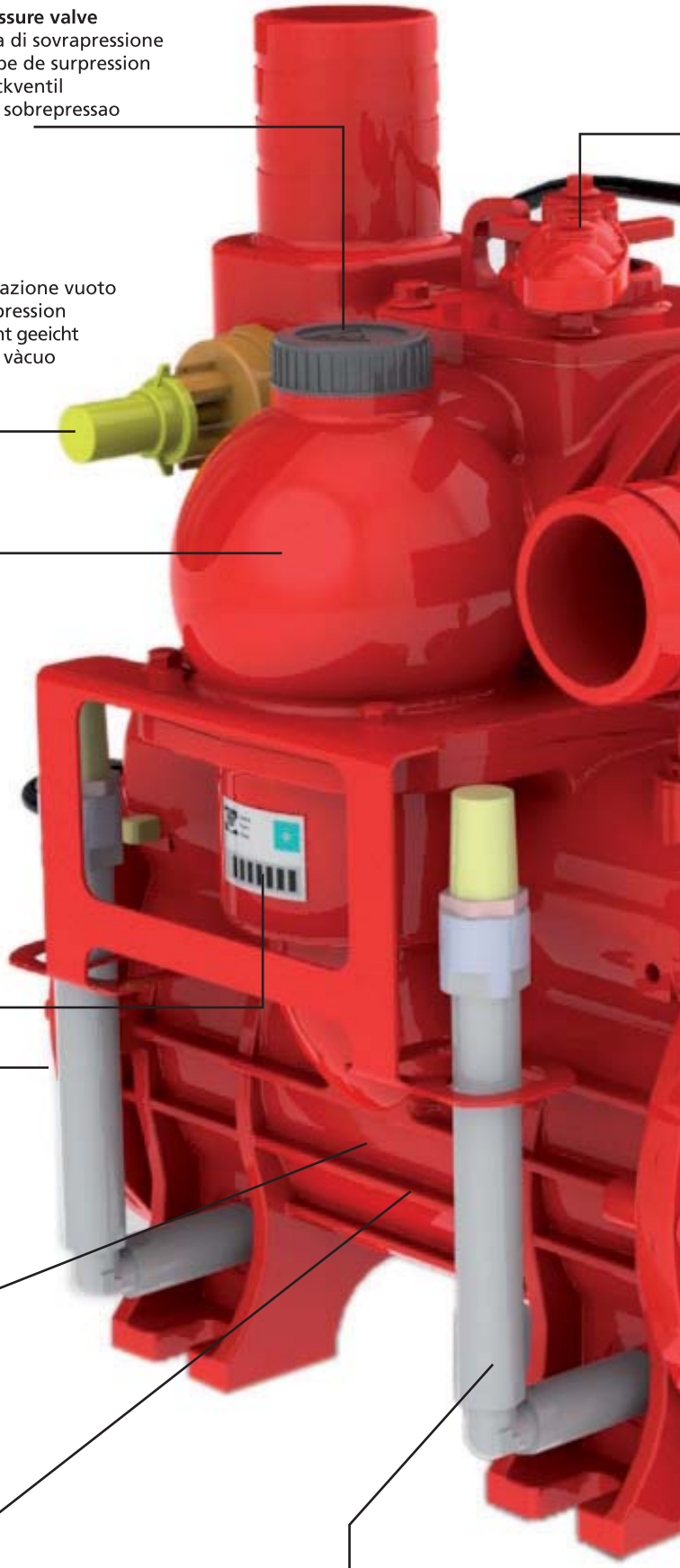
Predisposition for depression valve
Predisposizione per valvola di regolazione vuoto
Prédisposition pour soupape de depression
Vorbereitung für Überdruckventil nicht geeicht
Disposição para válvula de controle vàcuo

Non-return check valve as standard
Valvola di non ritorno di serie
Soupape de contrôle de série
Kontrollventil als Serie
Válvula de retención de serie
Válvula de retenção de série

Temperature indicator
Rilevatore di temperatura
Détecteur de température
Temperaturdedektor
Indicador de temperatura
Indicador de temperatura

160° C Irreversible indicator
Indicatore Irreversibile 160° C
Indicateur irréversible 160°C
irreversibel Anzeiger 160°C
Testigo irreversible de sobrecalentamiento a 160 °C
Indicador irreversível 160°





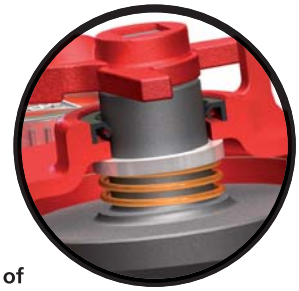
Force feed lubrication pump as standard (automatic lubrication on request)
Pompa di lubrificazione forzata di serie (lubrificazione automatica a richiesta)
Pompe de lubrification forcée de série (pompe de lubrification automatique sur demande)
Druckschmierung als Serie (Automatische Schmierung auf Anfrage)
Bomba de lubricación forzada de serie (lubricación automática bajo pedido).
Bomba de lubrificação forçada de série (lubrificação automática por encomenda)

Heat-resistant blades of special material as series
Palette "long life" resistenti al calore di serie
Palettes en matériel spécial résistant à la chaleur de série
Hitzebeständigen Lamellen aus Spezialmaterial als Serie
Paletas especiales, resistentes al calor y al desgaste de serie
Paletes em material especial resistentes ao calor de série

Long life blades
Optimized according to specifications given by Battioni Pagani Pompe. The special hot embossing of the company "logo" is a guarantee of proved and tested quality.

High wearing resistance thanks to cast-iron with high hardness
Elevata resistenza ad usura grazie a ghisa ad alta durezza
Resistance à l'usure élevée suivant à fonte avec dureté élevée
Hohe Festigkeit zu Abnutzung für Gußeisen mit hohe Härte
Elevada resistencia al desgaste debido a una fundición de alta dureza.
Alta resistência contra o desgaste graças ao ferro fundido de elvada dureza

Air injection cooling (BALLAST) on request
Iniezione aria di raffreddamento (BALLAST) a richiesta
Injection air de refroidissement (BALLAST) sur demande
Injektion der Luftkühlung (BALLAST) auf Anfrange
Inyección de aire de refrigeración (BALLAST) bajo pedido
Arrefecimento por injecção de ar (BALLAST) per incominda



Selector vacuum - pressure
Selettore Vuoto - Pressione
Sélecteur vide-pression
Wähler von Vakuum/Druck
Selector vaclo - presión.
Selector Vácuo - Pressão

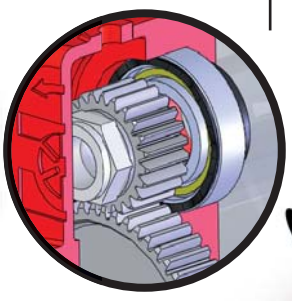
Selection handle for vacuum/compression
Ergonomic design and comfortable rotation thanks to the use of new solutions and materials with low friction coefficient.

Sliding Flanges to avoid breakages of the body and rotor during vanes crashes
Flange con asole di scorrimento in caso di ingresso materiale o rottura palette
Flasques avec fentes de glissement en cas d'entrée de matériel ou rupture des palettes
Flansche mit Slotsblaettern falls Materialschmierung oder Palettenbruch .
Tapa con agujeros rasgados para deslizamiento en caso de rotura de paletas
Flange deslizante que evita danos no corpo e rotor pela entrada de materiais estranhos ou ruptura das palhetas

Flange-housing alignment control
Tacca di allineamento flangia - corpo
Cran de alignement flasque-corps
Ausrichtmarke der Flanschgehäuse
Muesca de alineacion tapa-cuerpo
Cran de alignement flasque-corps
Muesca de alineacion tapa-cuerpo
Controlo de alinhamento da flange-corpo

Blades inspection hole
Foro ispezione palette
Trou d'inspection palettes
Bohrung für Lamellen Prüfung
Agujero de inspección paletas.
Orifício inspecção de paletes

Vanes inspection hole with max wearing indicator
Tacca per rilevamento usura palette
Cran de relevé usure des palettes
Ausrichtmarke für die Abnutzung der Palette
Señal para indicación de desgaste de paletas
Visor para inspecção e indicador de desgaste máximo das palhetas



Compression and thrust rings for bearings
Anello di compensazione
Bague de compensation
Ausgleichsring
Anillo de compensación
Anilhas de compensação para rolamentos

Fitted in front and back side of the rotor, they allow to keep an axial centering even during heavy duty uses. They also contribute to reduce noise during pump running.

MEC/M-MA

9000 - 11000 - 13500

The version / M has been projected to be driven by cardan shaft at 540 rpm or 1000 rpm (MA)

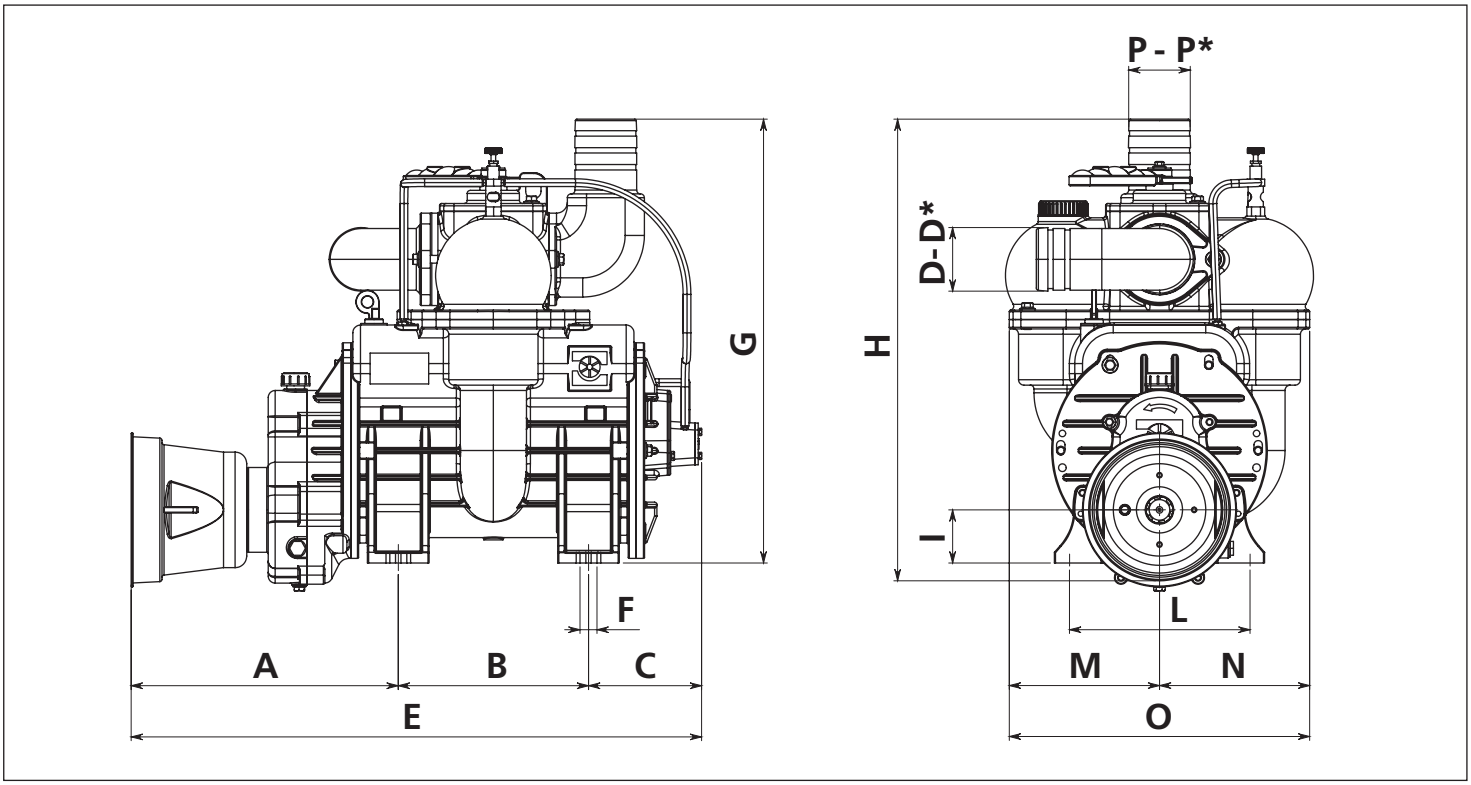
La versione / M è stata ideata per essere azionata tramite albero cardanico a 540 rpm o 1000 rpm (MA)

La version / M a été projétée pour être actionnée par un arbre à cardan 540 tpm o 1000 tpm (MA)

In der Version / M die Antriebswelle (Zapfwelle) wird über eine Kardanwelle zu 540 upm. oder 1000 upm betrieben (MA)

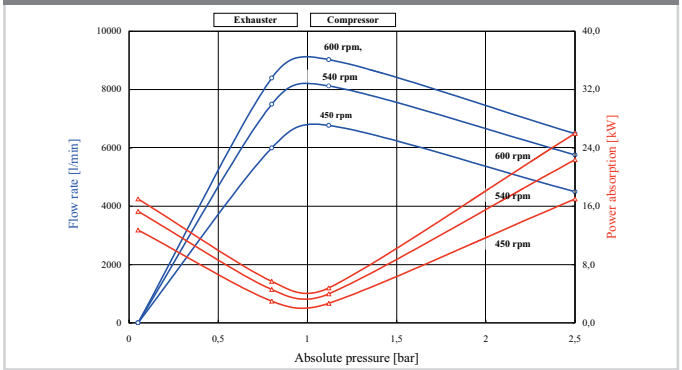
La version / M ha sido concebida para ser accionada por una transmisión cardan a 540 rpm o 1000 rpm según version (MA)

A versão / M foi projectada para funcionar com eixo de cardan a 540 rpm o 1000 rpm (MA)

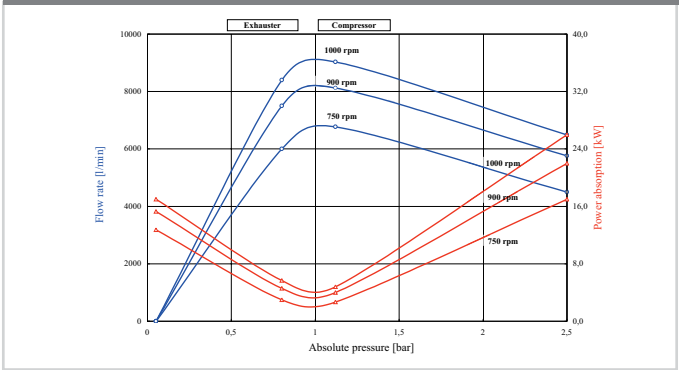


Article	A	B	C	D	D*	E	F	G	H	I	L	M	N	O	P	P*
MEC 9000 / M-MA	340	189	141	80	76-100	670	22	575	605	69	246	195	195	390	80	76-100
MEC 11000 / M-MA	346	247	147	80	76-100	740	22	575	605	69	246	195	195	390	80	76-100
MEC 13500 / M-MA	391	247	192	100	76-80	830	22	575	605	69	246	195	195	390	100	76-80

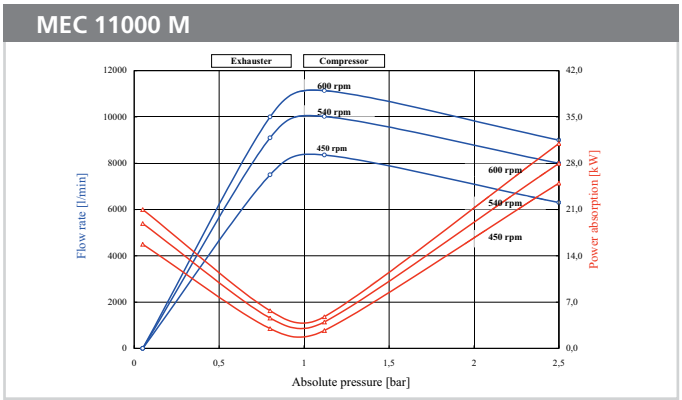
MEC 9000 M



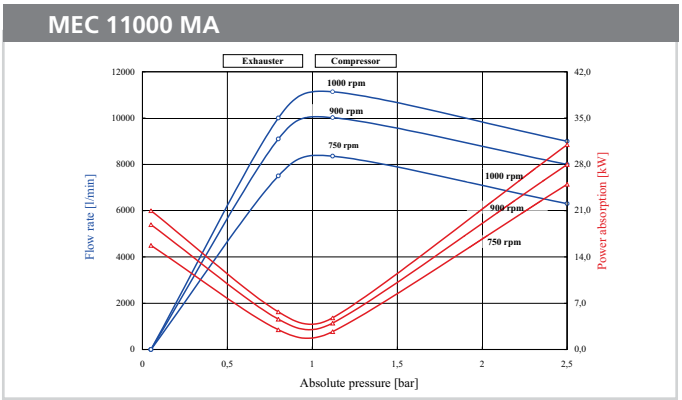
MEC 9000 MA



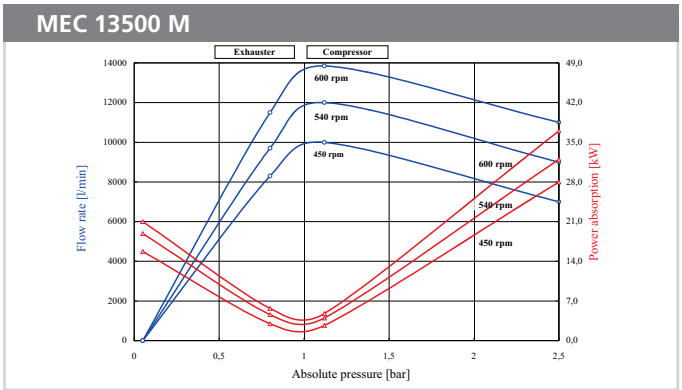
MEC 11000 M



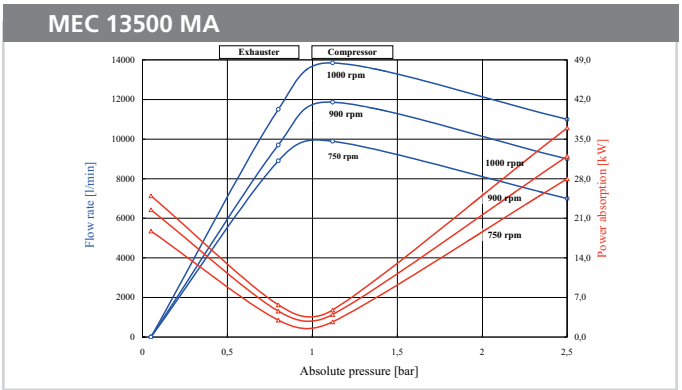
MEC 11000 MA



MEC 13500 M



MEC 13500 MA



DATI TECNICI (technical data / données techniques / technische Daten / Datos tecnicos)		MEC 9000	MEC 11000	MEC 13500
Portata geometrica (Geometrical capacity / Débit géométrique / Geometrisch leistung / Caudal geométrico / Capacidade geométrico)	[l / min]	9.030	11.137	13.845
Regime di lavoro max / M (max rpm / tours maximum / max drehzahl / rpm max)	[rpm]	600	600	600
Regime di lavoro max / MA (max rpm / tours maximum / max drehzahl / rpm max)	[rpm]	1000	1000	1000
Pressione max Assoluta (Relativa) Max absolute(relative) pressure / pression max absolue (relative) / max absolut (relativ) druck / presiòn max absoluta (relativa)	[bar]	2.5 (1.5)	2.5 (1.5)	2.5 (1.5)
Depressione senza valvola regolazione vuoto installata (Vacuum without depression valve fitted / vide sans soupape de depression montee / vakuum ohne eingebaute unterdruckventil / depresiòn sin vàlvula de vacio incorporada)	[bar]	-0.95	-0.95	-0.95
Depressione con valvola regolazione vuoto installata (Vacuum with depression valve fitted / vide avec soupape de depression montee / vakuum mit eingebaute unterdruckventil / depresiòn con vàlvula de vacio incorporada)	[bar]	-0.80	-0.80	-0.80
Ass. potenza a vuoto max, 600 r.p.m. (power absorption per max vacuum, 600 rpm / absorption puissance pour vide maximum, 600 rpm / leistungsbeoarf bei max vakuum 600 rpm / potencia absorbida max vacio, 600 rpm)	[kW]	17	21	25
Ass. potenza a vuoto max, 1000 r.p.m. (power absorption per max vacuum, 1000 rpm / absorption puissance pour vide maximum, 1000 rpm / leistungsbeoarf bei max vakuum 1000 rpm / potencia absorbida max vacio, 1000 rpm)	[kW]	17	21	25
Ass. potenza a 2.5 bar assoluti, 600 r.p.m. (power absorption at 2.5 bar absolute, 600 rpm / absorption puissance a 2.5 bar absolute, 600 rpm / leistungsbeoarf zu 2.5 bar absolute, 600 rpm / potencia absorbida a 2.5 bar absoluta, 600 rpm)	[kW]	26	31	37
Ass. potenza a 2.5 bar assoluti, 1000 r.p.m. (power absorption at 2.5 bar absolute, 1000 rpm / absorption puissance a 2.5 bar absolute, 1000 rpm / leistungsbeoarf zu 2.5 absolute 1000 rpm / potencia absorbida a 2.5 bar absoluta, 1000 rpm)	[kW]	26	31	37
Peso netto (net weight / poids net / netto-gewicht / peso neto)	[Kg]	145	160	178

MEC/P

9000 - 11000 - 13500

The version / P is driven by pulleys and belts, particularly for application on truck.

La versione / P è azionata tramite puleggia e cinghie, in particolare per applicazioni su camion.

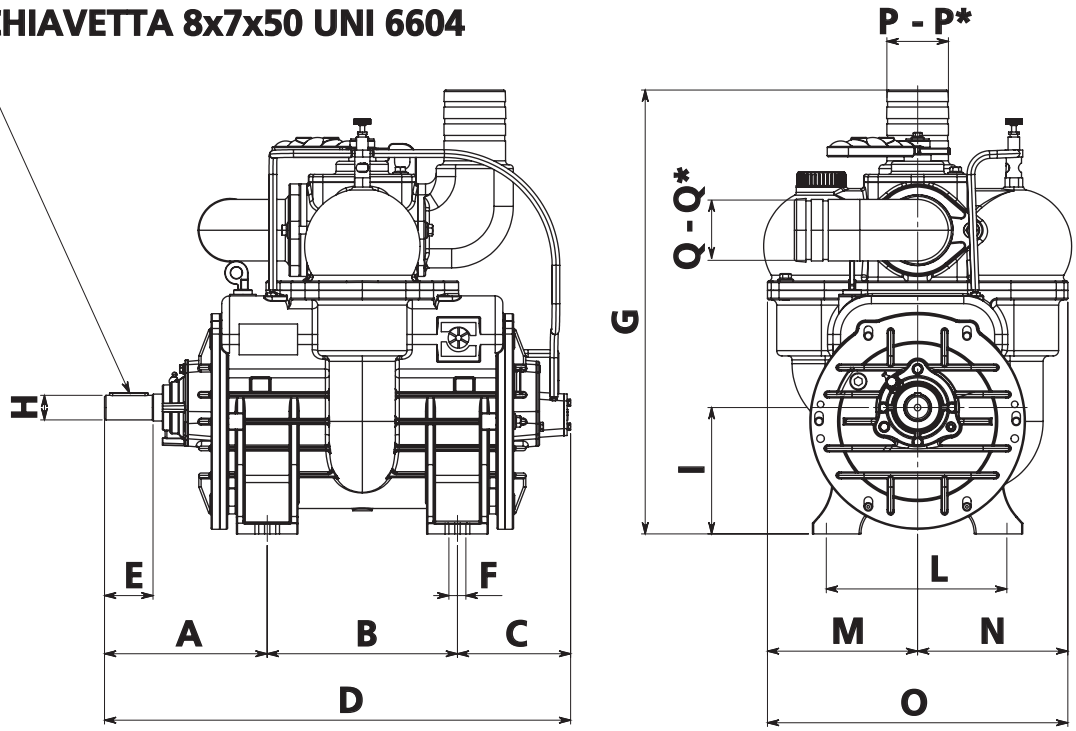
La version / P est actionnée par poulies et courroies, en particulier pour application sur camion.

In der Version / P die Antriebswelle (Zapfwelle) wird über eine Riemenscheibe mit Riemen betrieben, besonders für Anwendungen auf Lkw.

La version / P ha sido concebida para ser accionada a través de polea, para aplicaciones sobre camión.

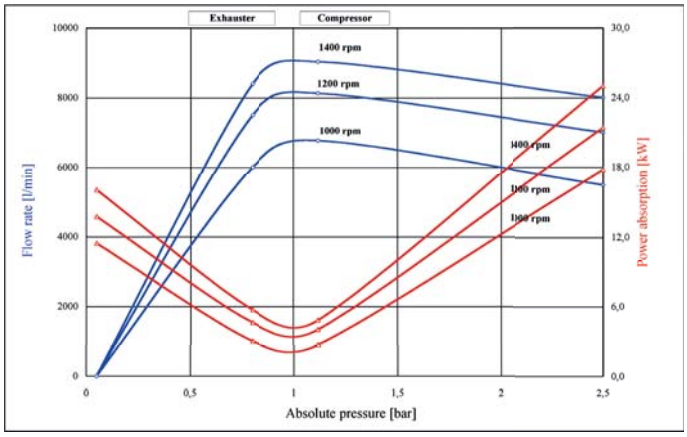
A versão / P é accionada por roldana e correias, especial para aplicações com camiões.

CHIAVETTA 8x7x50 UNI 6604

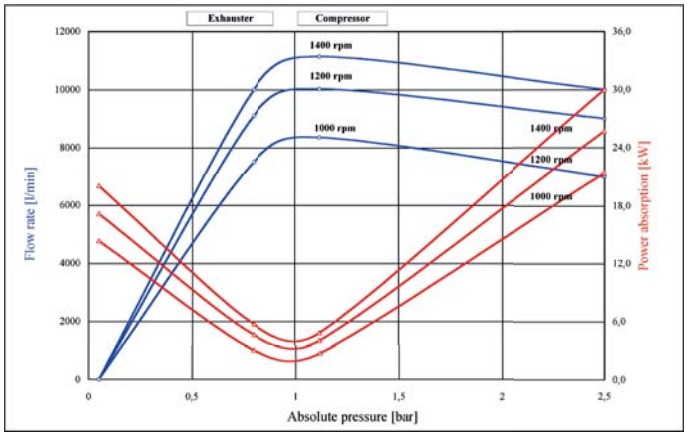


Article	A	B	C	D	E	F	G	H	I	L	M	N	O	P	P*	Q	Q*
MEC 9000 / P	205	189	141	535	63	22	575	32	164	246	195	195	390	80	76-100	80	76-100
MEC 11000 / P	211	247	147	605	63	22	575	32	164	246	195	195	390	80	76-100	80	76-100
MEC 13500 / P	256	247	192	695	63	22	575	32	164	246	195	195	390	100	76-80	100	76-80

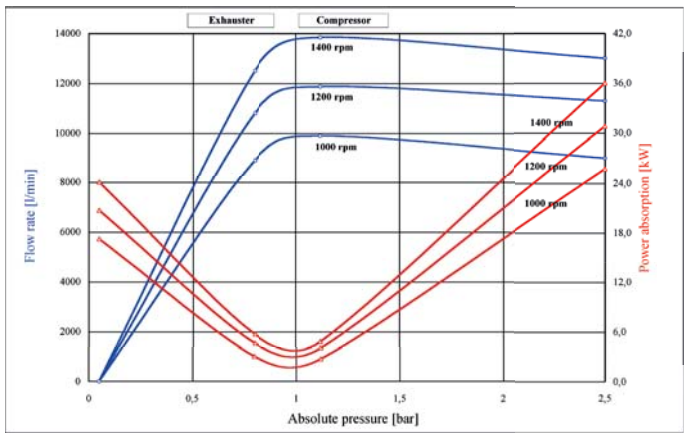
MEC 9000 P



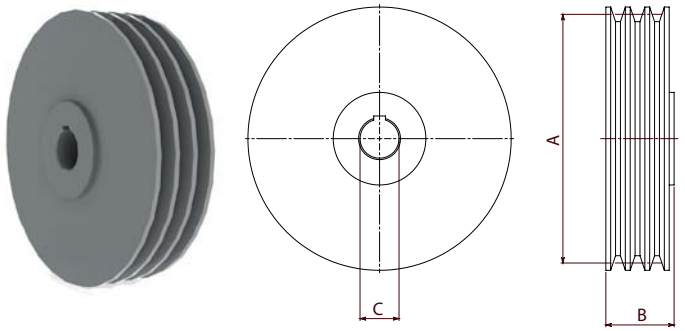
MEC 11000 P



MEC 13500 P



PULLEY FOR BATTIONI PUMP

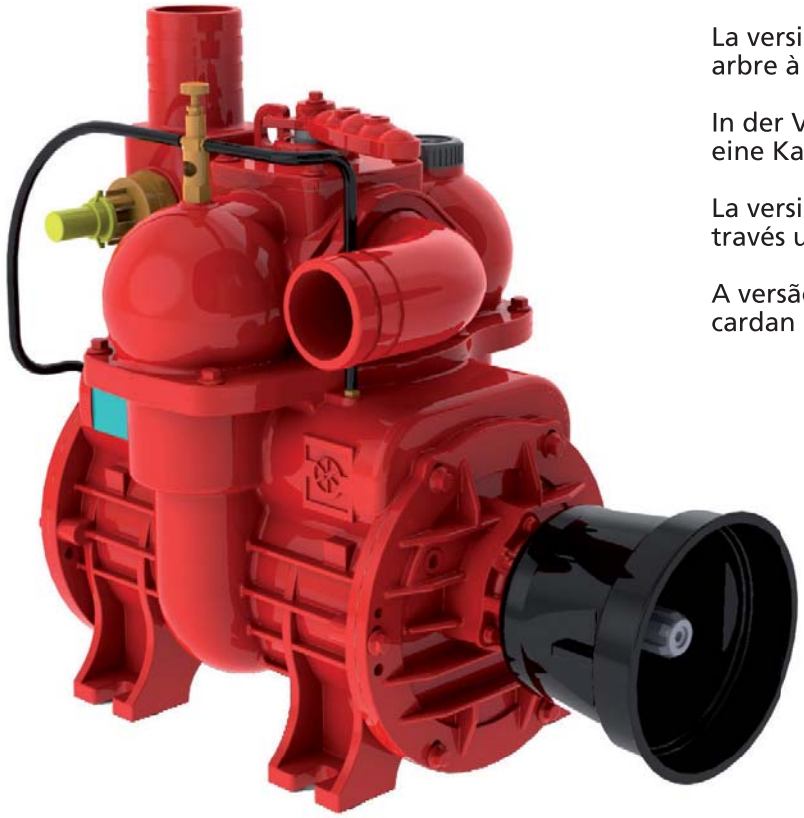


Code	Model	A	B	C	Type throat	Number throat	Kg	Article
4010001032	MEC 9/11/13500	Ø 300	90	Ø 32	SPC	3	25	2009/C

DATI TECNICI (technical data / données techniques / technische Daten / Datos tecnicos)		MEC 9000	MEC 11000	MEC 13500
Portata geometrica (Geometrical capacity / Débit géométrique / Geometrisch leistung / Caudal geométrico / Capacidade geométrico)	[l / min]	9.030	11.137	13.845
Regime di lavoro max / P (max rpm / tours maximum / max drehzahl / rpm max)	[rpm]	1400	1400	1400
Pressione max Assoluta (Relativa) Max absolute(relative) pressure / pression max absolue (relative) / max absolut (relativ) druck / presiòn max absoluta (relativa)	[bar]	2.5 (1.5)	2.5 (1.5)	2.5 (1.5)
Depressione senza valvola regolazione vuoto installata (Vacuum without depression valve fitted / vide sans soupape de depression montee / vakuum ohne eingebaute unterdruckventil / depresiòn sin vàlvula de vacio incorporada)	[bar]	-0.95	-0.95	-0.95
Depressione con valvola regolazione vuoto installata (Vacuum with depression valve fitted / vide avec soupape de depression montee / vakuum mit eingebaute unterdruckventil / depresiòn con vàlvula de vacio incorporada)	[bar]	-0.80	-0.80	-0.80
Ass. potenza a vuoto max, (power absorption per max vacuum / absorption puissance pour vide maximum / leistungsbeoarf bei max vakuum / potencia absorbida max vacio)	[kW]	16	20	24
Ass. potenza a 2.5 bar assoluti, 1400 r.p.m. (power absorption at 2.5 bar absolute, 1400 rpm / absorption puissance a 2.5 bar absolute, 1400 rpm / leistungsbeoarf zu 2.5 absolute 1400 rpm / potencia absorbida a 2.5 bar absoluta, 1400 rpm)	[kW]	25	30	36
Peso netto (net weight / poids net / netto-gewicht / peso neto)	[Kg]	131	146	164

MEC/D

9000 - 11000 - 13500



The version / D has been projected to be driven by cardan shaft at 1000 rpm.

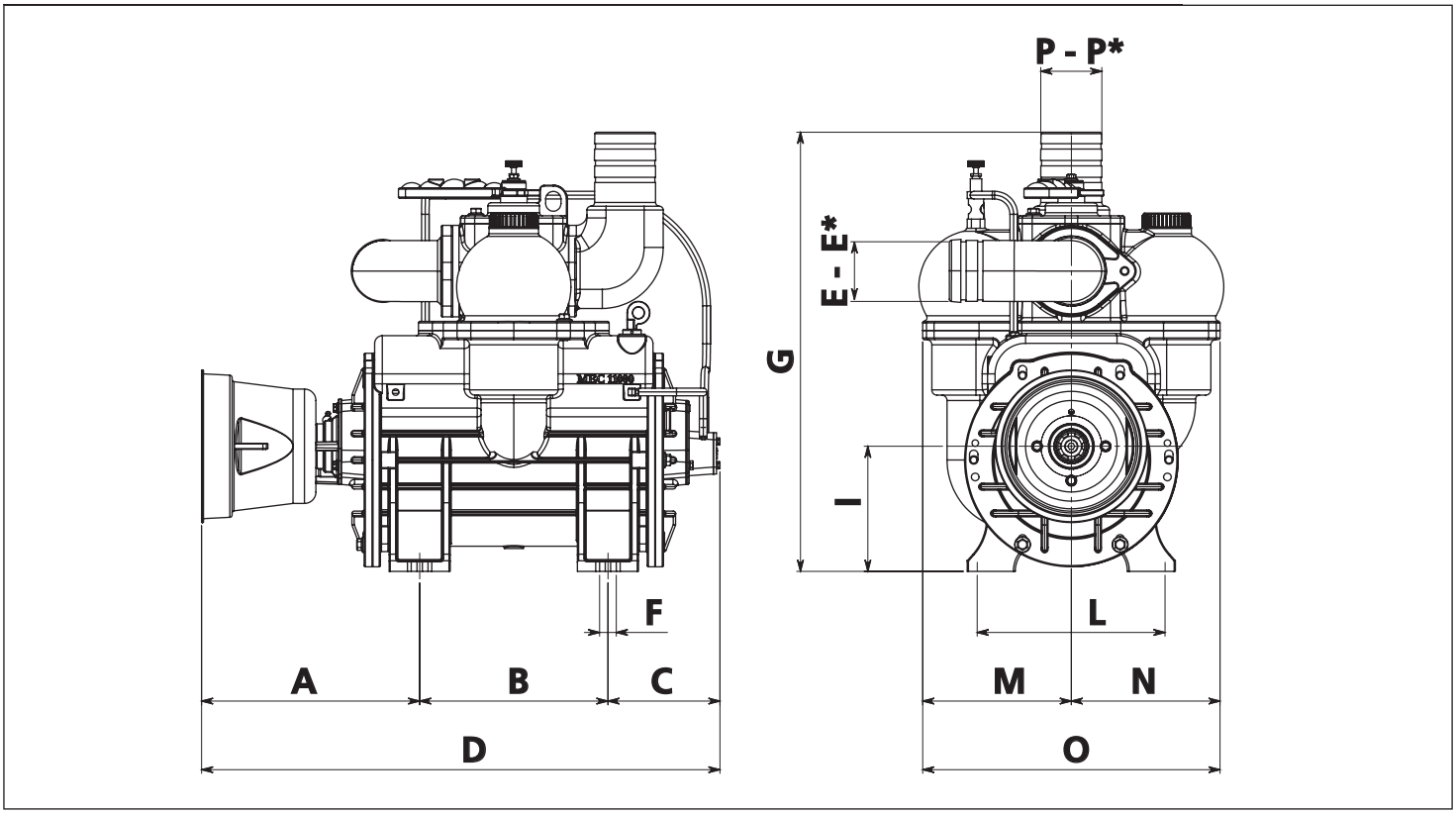
La versione / D è stata ideata per essere azionata tramite albero cardanico a 1000 rpm.

La version / D a été projétée pour être actionnée par un arbre à cardan 1000 tpm.

In der Version / D die Antriebswelle (Zapfwelle) wird über eine Kardanwelle zu 1000 upm. betrieben.

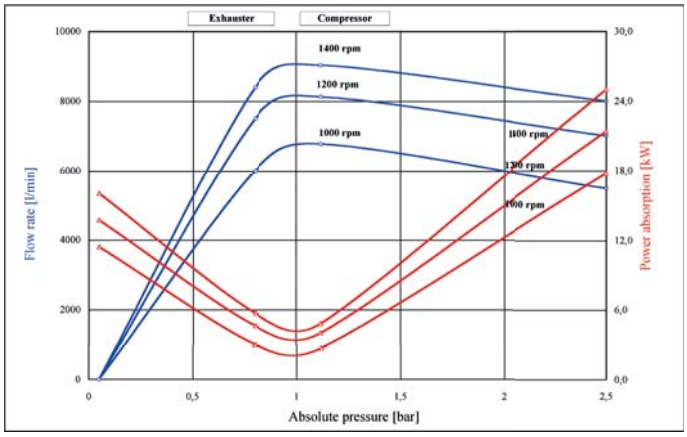
La version / D ha sido concebida para ser accionada a través una transmisión cardan a 1000 rpm

A versão / D foi projectada para funcionar com eixo de cardan a 1000 rpm.

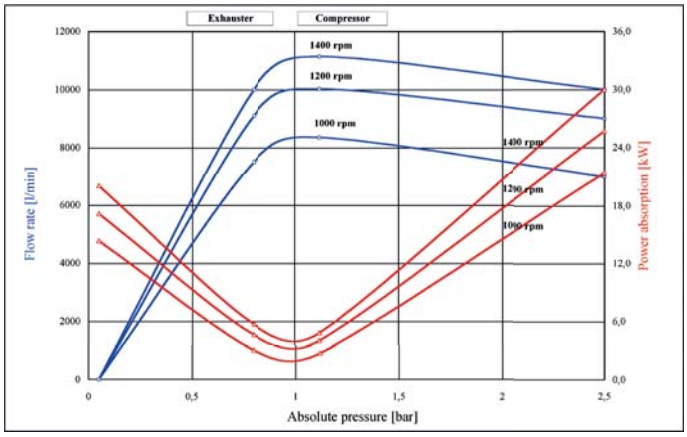


Article	A	B	C	D	E	E*	F	G	I	L	M	N	O	P	P*
MEC 9000 / D	280	189	141	610	80	76-100	22	575	164	246	195	195	390	80	76-100
MEC 11000 / D	286	247	147	680	80	76-100	22	575	164	246	195	195	390	80	76-100
MEC 13500 / D	331	247	192	770	100	76-80	22	575	164	246	195	195	390	100	76-80

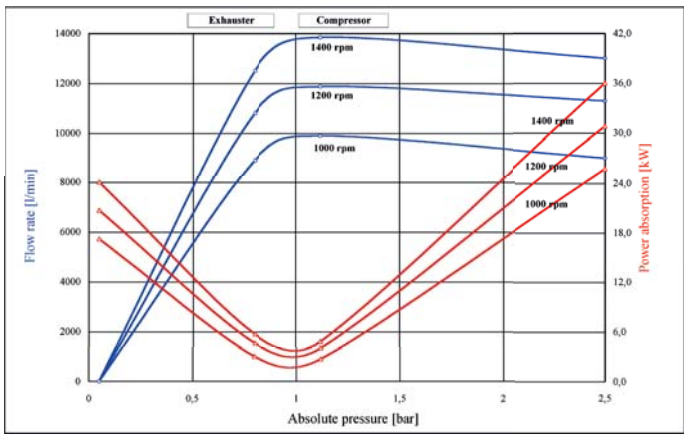
MEC 9000 D



MEC 11000 D



MEC 13500 D



DATI TECNICI (technical data / données techniques / technische Daten / Datos tecnicos)		MEC 9000	MEC 11000	MEC 13500
Portata geometrica (Geometrical capacity / Débit géométrique / Geometrisch leistung / Caudal geométrico / Capacidade geométrico)	[l / min]	9.030	11.137	13.845
Regime di lavoro max / D (max rpm / tours maximum / max drehzahl / rpm max)	[rpm]	1400	1400	1400
Pressione max Assoluta (Relativa) Max absolute(relative) pressure / pression max absolue (relative) / max absolut (relativ) druck / presiòn max absoluta (relativa)	[bar]	2.5 (1.5)	2.5 (1.5)	2.5 (1.5)
Depressione senza valvola regolazione vuoto installata (Vacuum without depression valve fitted / vide sans soupape de depression montee / vakuum ohne eingebaute unterdruckventil / depresiòn sin vàlvula de vacio incorporada)	[bar]	-0.95	-0.95	-0.95
Depressione con valvola regolazione vuoto installata (Vacuum with depression valve fitted / vide avec soupape de depression montee / vakuum mit eingebaute unterdruckventil / depresiòn con vàlvula de vacio incorporada)	[bar]	-0.80	-0.80	-0.80
Ass. potenza a vuoto max, (power absorption per max vacuum / absorption puissance pour vide maximum / leistungsbeoarf bei max vakuum / potencia absorbida max vacio)	[kW]	16	20	24
Ass. potenza a 2.5 bar assoluti, 1400 r.p.m. (power absorption at 2.5 bar absolute, 1400 rpm / absorption puissance a 2.5 bar absolute, 1400 rpm / leistungsbeoarf zu 2.5 absolute 1400 rpm / potencia absorbida a 2.5 bar absoluta, 1400 rpm)	[kW]	25	30	36
Peso netto (net weight / poids net / netto-gewicht / peso neto)	[Kg]	132	147	165

MEC/H

9000 - 11000 - 13500

The version / H has been projected to be driven by hydraulic motor.

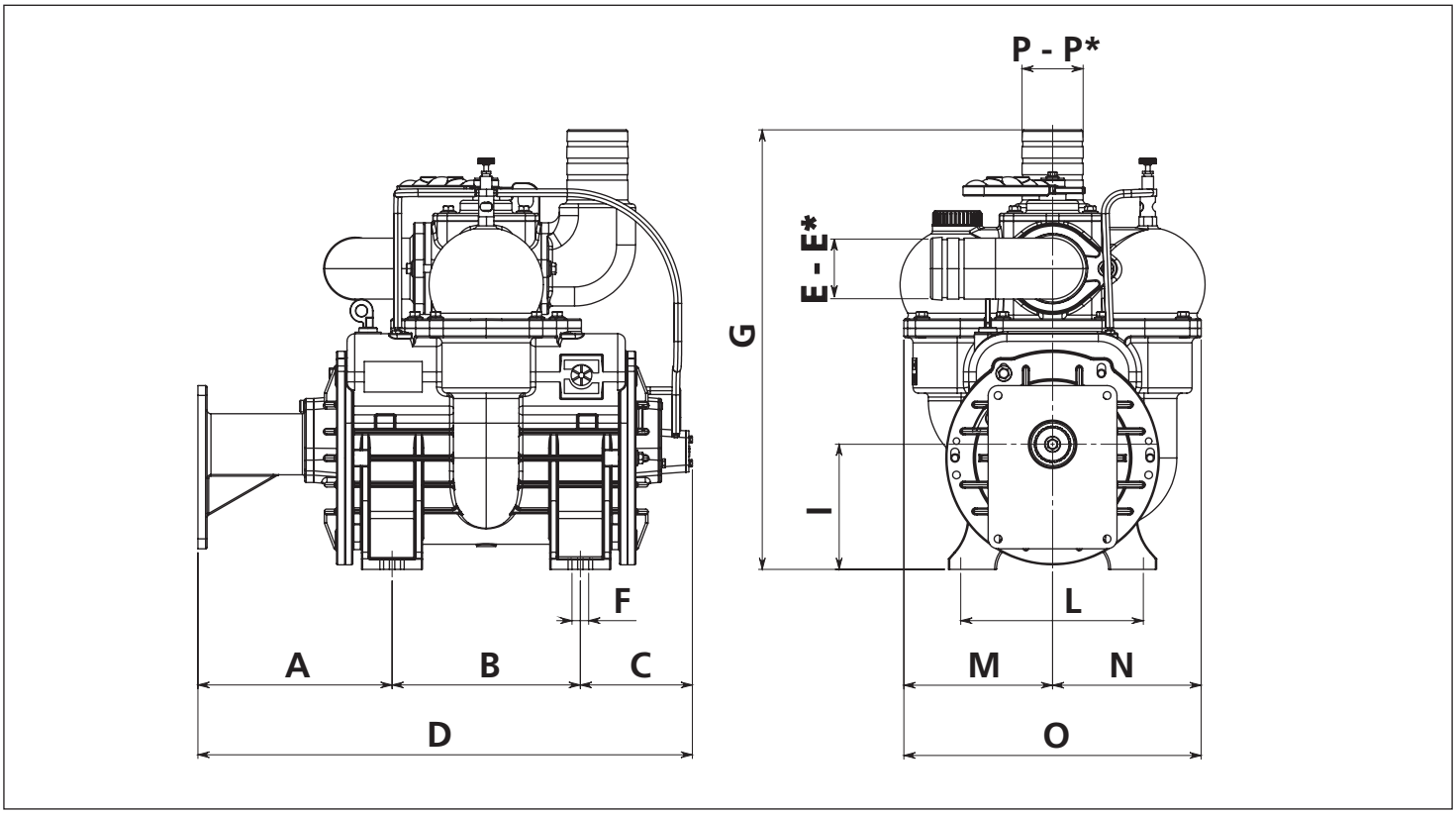
La versione / H è stata ideata per essere azionata tramite motore idraulico.

La version / H a été projétée pour être actionnée par un moteur hydraulique.

In der Version / H die Antriebswelle (Zapfwelle) wird über einen hydraulischen Zahnradmotor betrieben.

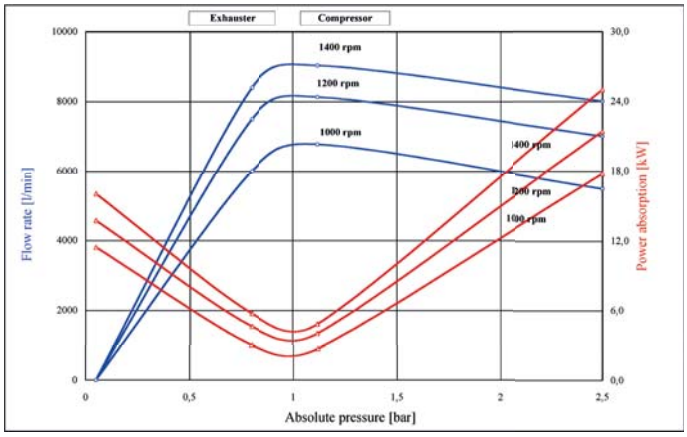
La version / H ha sido concebida para ser accionada a través de un motor hidráulico.

A versão / H foi projectada para funcionar com motor hidráulico.

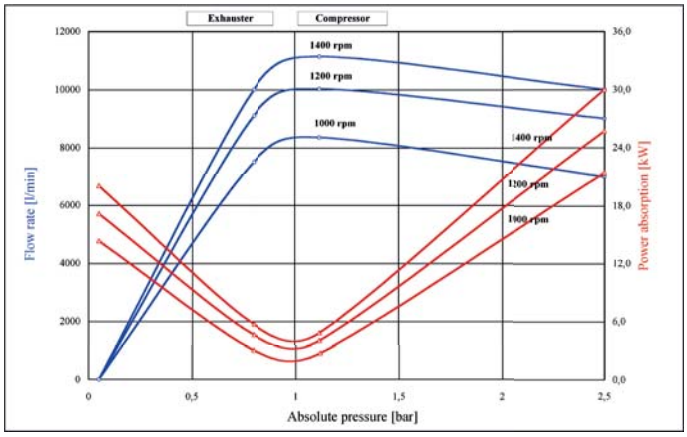


Article	A	B	C	D	E	E*	F	G	I	L	M	N	O	P	P*
MEC 9000 / H	247	189	141	577	80	76-100	22	575	164	246	195	195	390	80	76-100
MEC 11000 / H	254	247	147	648	80	76-100	22	575	164	246	195	195	390	80	76-100
MEC 13500 / H	299	247	192	738	100	76-80	22	575	164	246	195	195	390	100	76-80

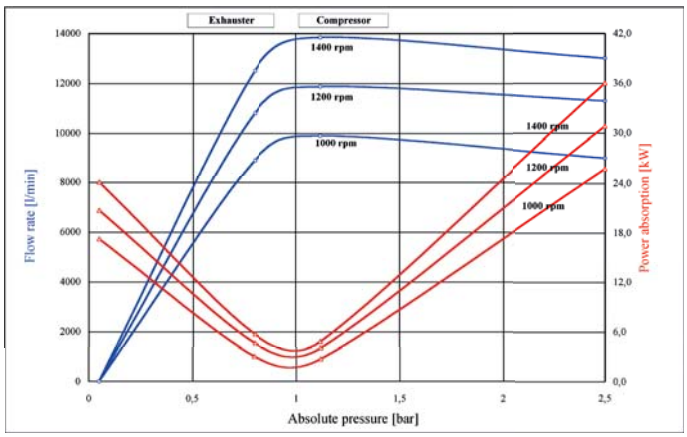
MEC 9000 H



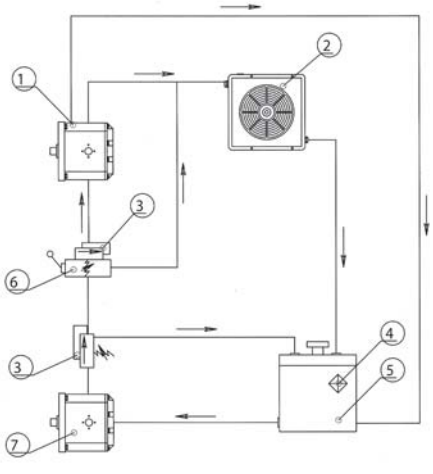
MEC 11000 H



MEC 13500 H



HYDRAULIC SYSTEM



① Motore Idraulico
Hydraulic motor
Moteur hydraulique
Hydraulic Motor
Motor hidráulico
Motor hidráulico

② Radiatore
Radiator
Radiateur
Radiator
Radiador
Radiador

③ Valvola di sovrappressione
Overpressure valve
Soupape de surpression
Überdruckventil
Válvula de sobrepresión
Válvula de sobrepressão

④ Filtro olio
Oil filter
Filtre de l'huile
Ölfilter
Filtro aceite
Filtro óleo

⑤ Serbatoio
Tank
Reservoir
Behälter
Depósito
Reservatório

⑥ Distributore
Distributor
Distributeur
Steuerventil
Distribuidor
Distribuidor

⑦ Pompa idraulica
Hydraulic pump
Pompe hydraulique
Hydraulische Pumpe
Bomba hidráulica
Bomba hidráulica

Code	Hydraulic Engine Motore Idraulico	Rotary vanes pump	Max Working Pressure Pressione Max Di Esercizio	Capacity Portata l/min	R.P.M. Giri/min	Pressure Pressione	Hydraulic System Max Pressure Pressione Max Impianto Idraulico	Output Potenza Trasmessa	Torque Coppia (Nm)	Article
6080200057	KM 30.51-S0	MEC 9000/H	1 bar	74.8	1400	155 bar	230 bar	16 kW	112	609/F
6080200057	KM 30.51-S0	MEC 11000/H	1 bar	74.8	1400	223 bar	230 bar	23 kW	162	609/F
6080200061	KM 40.87-S0	MEC 9000/H	1.5 bar	125	1400	145 bar	280 bar	25 kW	176	608/F
6080200061	KM 40.87-S0	MEC 11000/H	1.5 bar	125	1400	174 bar	280 bar	30 kW	211	608/F
6080200061	KM 40.87-S0	MEC 13500/H	1.5 bar	125	1400	209 bar	280 bar	36 kW	253	608/F

DATI TECNICI (technical data / données techniques / technische Daten / Datos tecnicos)		MEC 9000	MEC 11000	MEC 13500
Portata geometrica (Geometrical capacity / Débit géométrique / Geometrisch leistung / Caudal geométrico / Capacidade geométrico)	[l / min]	9.030	11.137	13.845
Regime di lavoro max / H (max rpm / tours maximum / max drehzahl / rpm max)	[rpm]	1400	1400	1400
Pressione max Assoluta (Relativa) Max absolute(relative) pressure / pression max absolue (relative) / max absolut (relativ) druck / presiòn max absoluta (relativa)	[bar]	2.5 (1.5)	2.5 (1.5)	2.5 (1.5)
Depressione senza valvola regolazione vuoto installata (Vacuum without depression valve fitted / vide sans soupape de depression montee / vakuum ohne eingebaute unterdruckventil / depresiòn sin vàlvula de vacio incorporada)	[bar]	-0.95	-0.95	-0.95
Depressione con valvola regolazione vuoto installata (Vacuum with depression valve fitted / vide avec soupape de depression montee / vakuum mit eingebaute unterdruckventil / depresiòn con vàlvula de vacio incorporada)	[bar]	-0.80	-0.80	-0.80
Ass. potenza a vuoto max, (power absorption per max vacuum / absorption puissance pour vide maximum / leistungsbeoarf bei max vakuum / potencia absorbida max vacio)	[kW]	16	20	24
Ass. potenza a 2.5 bar assoluti, 1400 r.p.m. (power absorption at 2.5 bar absolute, 1400 rpm / absorption puissance a 2.5 bar absolute, 1400 rpm / leistungsbeoarf zu 2.5 absolute 1400 rpm / potencia absorbida a 2.5 bar absoluta, 1400 rpm)	[kW]	25	30	36
Peso netto (net weight / poids net / netto-gewicht / peso neto)	[Kg]	140	155	173

MEC/M-MA S.C. 9000 - 11000 - 13500

The version S.C. has been projected to be used as compressor for empty hose reel irrigators.

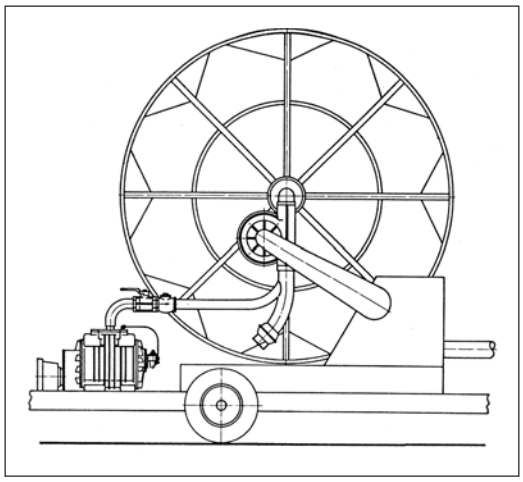
La versione S.C. è stato progettato per essere utilizzato come compressore per irrigatori.

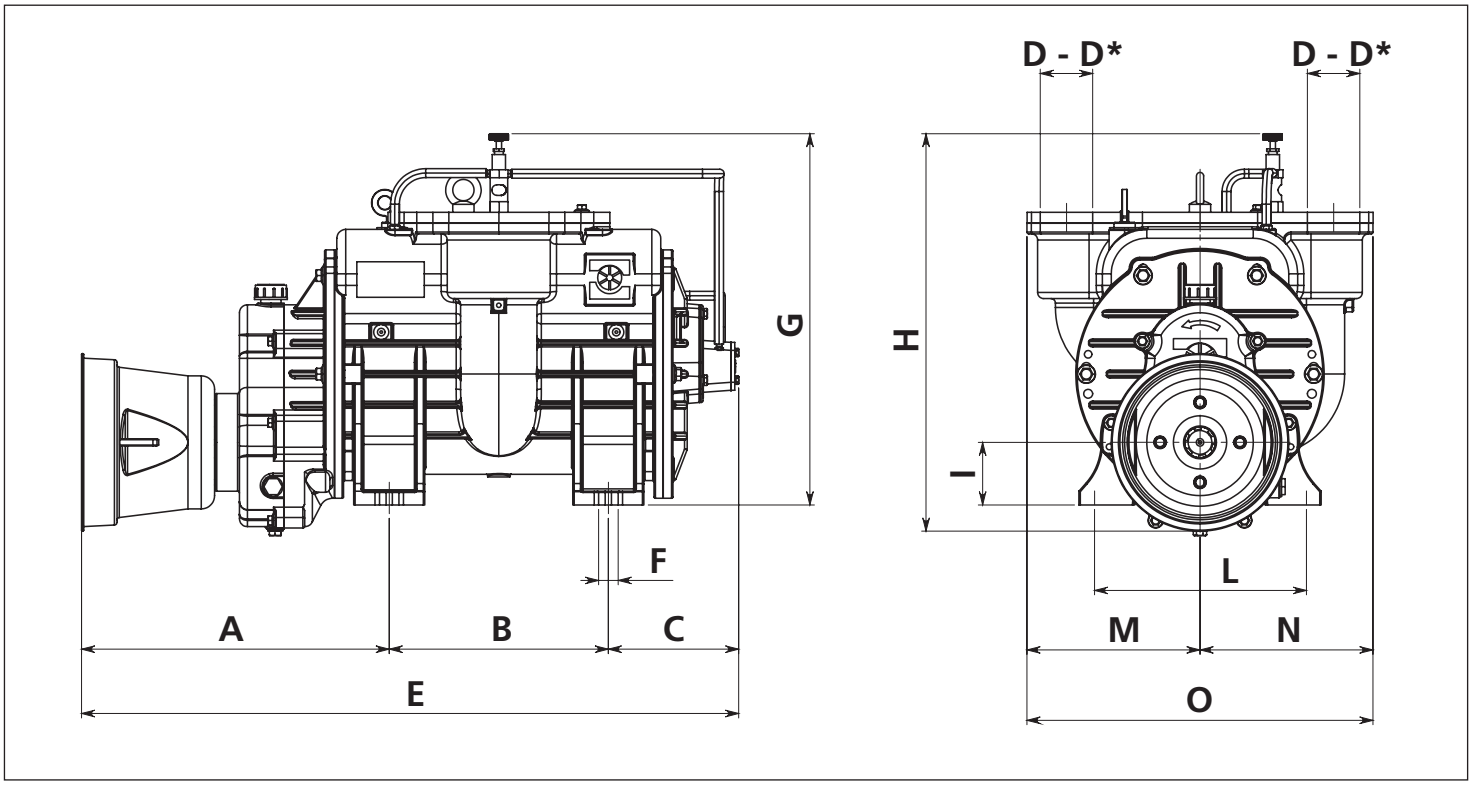
La version S.C. a été conçu pour être utilisée comme compresseur pour enrouleurs.

Die Version S.C. projektiert wurde als Kompressor um Schlauchhaspel zu leeren.

La versión S.C. se ha proyectado para ser utilizado como compresor para vaciado de tuberías de sistemas de riego.

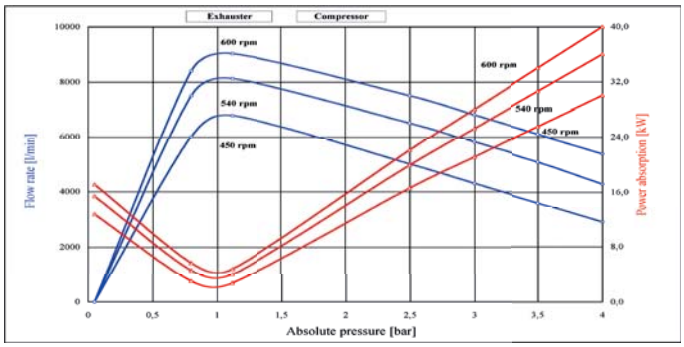
A versão S.C. foi projetado para ser usado como compressor para irrigantes.



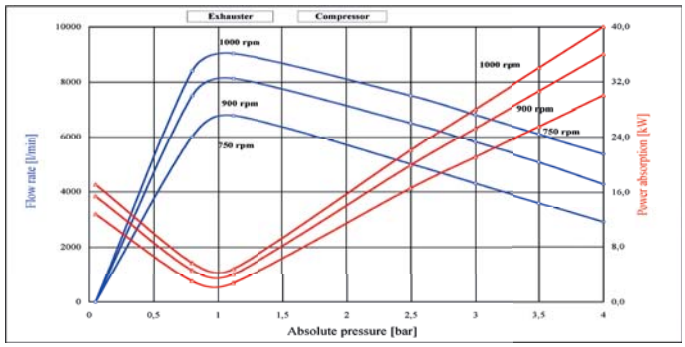


Article	A	B	C	D	D*	E	F	G	H	I	L	M	N	O
MEC 9000 / M-MA S.C.	340	189	141	2" GAS	2" 1/2 GAS	670	22	420	450	69	246	195	195	390
MEC 11000 / M-MA S.C.	346	247	147	2" 1/2 GAS	2" GAS	740	22	420	450	69	246	195	195	390
MEC 13500 / M-MA S.C.	391	247	192	2" 1/2 GAS	2" GAS	830	22	420	450	69	246	195	195	390

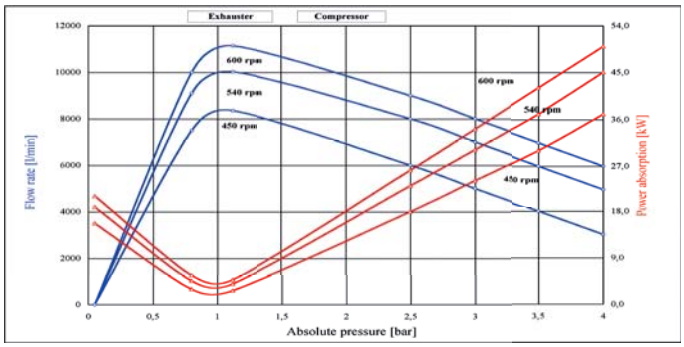
MEC 9000 M - S.C.



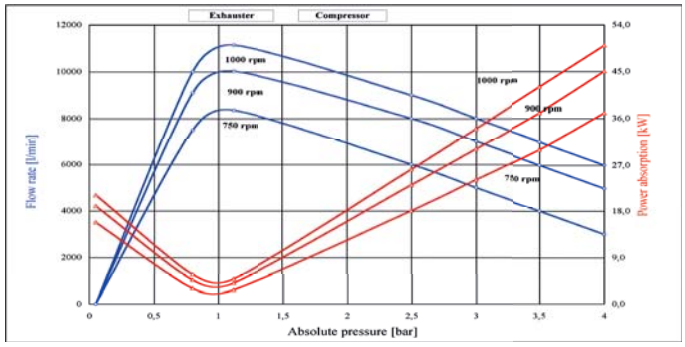
MEC 9000 MA - S.C.



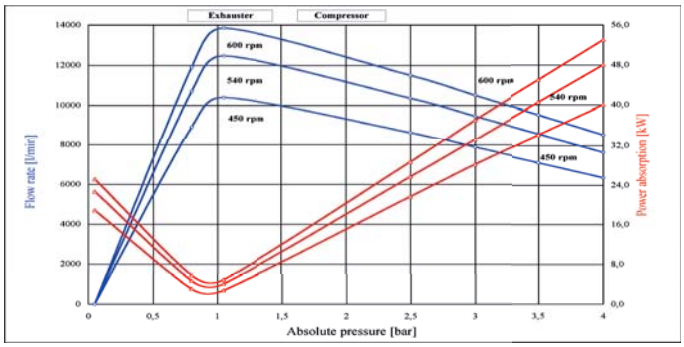
MEC 11000 M - S.C.



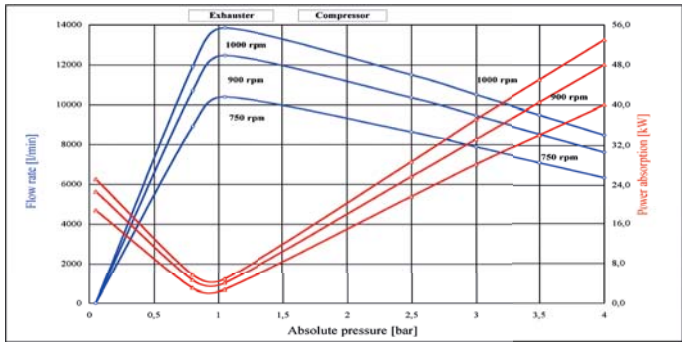
MEC 11000 MA - S.C.



MEC 13500 M - S.C.



MEC 13500 MA - S.C.

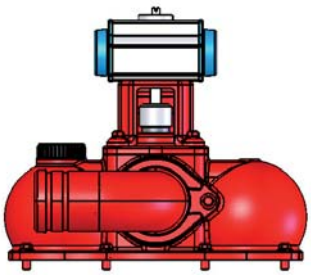


DATI TECNICI (technical data / données techniques / technische Daten / Datos tecnicos)		MEC 9000	MEC 11000	MEC 13500
Portata geometrica (Geometrical capacity / Débit géométrique / Geometrisch leistung / Caudal geométrico / Capacidade geométrico)	[l / min]	9.030	11.137	13.845
Regime di lavoro max / M (max rpm / tours maximum / max drehzahl / rpm max)	[rpm]	600	600	600
Regime di lavoro max / MA (max rpm / tours maximum / max drehzahl / rpm max)	[rpm]	1000	1000	1000
Pressione max Assoluta (Relativa) Max absolute(relative) pressure / pression max absolue (relative) / max absolut (relativ) druck / presiòn max absoluta (relativa)	[bar]	4 (3)	4 (3)	4 (3)
Ass. potenza a 4 bar assoluti, 600 r.p.m. (power absorption at 4 bar absolute, 600 rpm / absorption puissance a 4 bar absolute, 600 rpm / leistungsbeoarf zu 4 bar absolute, 600 rpm / potencia absorbida a 4 bar absoluta, 600 rpm)	[kW]	46	50	54
Ass. potenza a 4 bar assoluti, 1000 r.p.m. (power absorption at 4 bar absolute, 1000 rpm / absorption puissance a 4 bar absolute, 1000 rpm / leistungsbeoarf zu 4 absolute 1000 rpm / potencia absorbida a 4 bar absoluta, 1000 rpm)	[kW]	46	50	54
Peso netto (net weight / poids net / netto-gewicht / peso neto)	[Kg]	118	133	151

VERSIONS
versioni / versions / Versionen

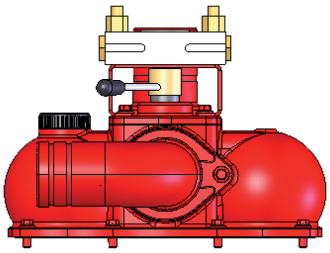
MEC BALLAST 65% vacuum in continuous work
65% di vuoto in servizio continuo
65% vide pendant travail continu
65% Vakuum bei andauernder Arbeit
Trabajo continuo en el vacio del 65%
Trabelho continuo no vàcuo de 65%

ON REQUEST
A domanda / Sur demande / Auf Anfrage
A petición / Por encomenda



Code 6080200085 : MEC 9000/11000/13500

PNEUMATIC REVOLVING CYLINDER
Cilindro rotativo pneumatico
Cylindre rotatif pneumatique
Pneumatischer Schaltungszylinder
Cilindro rotativo neumático
Cilindro rotativo pneumático



Code 5090000010: MEC 9000/11000/13500

HYDRAULIC REVOLVING CYLINDER
Cilindro rotativo idraulico
Cylindre rotatif hydraulique
Hydraulischer Schaltungszylinder
Cilindro rotativo hidráulico
Cilindro rotativo hidráulico

ON REQUEST
A domanda / Sur demande / Auf Anfrage
A petición / Por encomenda

Code 6080200176 : MEC 9000/11000/13500

HYDRAULIC CYLINDER
Cilindro idraulico / Cylindre hydraulique
Hydraulischer zylinder / Cilindro hidràulico
Cilindro hidràulico

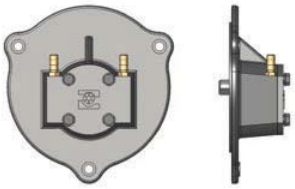
Code 6080200163 : MEC 9000/11000/13500

LEVER FOR PUMP UNI EN 707
Cilindro Leva per pompe uni EN 707
Levier pompe uni EN 707
Hebel pump uni EN 707

Code 6080200188: MEC 9000/11000/13500 DX L.F.
Code 6080200189: MEC 9000/11000/13500 SX L.F.
Code 6080200190: MEC 9000/11000/13500 DX L.A.
Code 6080200191: MEC 9000/11000/13500 SX L.A.

KIT FOR SIDE OIL TANK
Kit serbatoio olio laterale
kit pour réservoir latéral de l'huile
Seitenoeltank kit
kit depósito aceite lateral

LUBRICATION SYSTEM MEC 9000 / 11000 / 13500
Sistema di lubrificazione / Système de lubrification
Schmierungssystem / Sistema de lubricación / Sistema di lubrificação



FORCED AS SERIES
Forzata di serie
Forcée de série
Druckschmierung als Serie
Forza da de serie
Forçada de série

AUTOMATIC ON REQUEST
Automatica a richiesta
Automatique sur demande
Automatische auf Anfrage
Automática, bajo pedido
Automática por encomenda

FITTING
(Accessori / Accessoires / Zubehoerteilen)

Code 6100200025 : MEC 9000/11000
Code 6100200026 : MEC 13500
Code 6100200027 : MEC 9000/11000
Code 6100200028 : MEC 13500

PRIMARY SHUT-OFF VALVE (BPT-BPU)
Valvola primaria / Soupape primaire /
Primärsventil / Válvula primaria / Válvula primaria

Code 6100200021 : MEC 9000/11000
Code 6100200022 : MEC 13500

SECONDARY SHUT-OFF VALVE (BPR-BPS)
Valvola Secondaria / Soupape secondaire /
Sekundärsventil / Válvula secundaria / Válvula secundária

Code 5090000065: MEC 9000/11000
Code 5090000066: MEC 13500

SILENCER
Silenziatore
silencieux
Schalldämpfer

FITTINGS
(Accessori / Accessoires / Zubehoerteilen)

Code 5090000025: MEC 9000/11000
Code 5090000026: MEC 13500

FILTER - SILENCER
Filtro silenziatore / Filtre - silencieux / Filter - Schalldämpfer
Filtro - Silenciador / Filtro - Supressor do ruído

Code 5090000046: MEC 9000/11000
Code 5090000047: MEC 13500

PREFILTER FOR SILENCER
Prefiltro per silenziatore / Prefiltre pour silencieux / Zyklon

Code 5090000061: MEC 9000/11000
Code 5090000062: MEC 13500

RAIN CAPS
Cappellotto parapioggia / Couvercle / Regenkappen

Code 5090000069: MEC 9000 / 11000
Code 5090000079: MEC 13500

FINAL AIR FILTER
Filtro aria finale / Filtro aria finale
Filtre a air final / Trokenluftfilter final

Code 6080200156: Ø 200
Code 6080200165: Ø 250

HYDRAULIC SWIVEL JOINT
Giunto girevole idraulico / Rotule hydraulique /
Hydraulische dehbare Kupplung

Code 6080200134: Ø 150 MANUAL
Code 6080200135: Ø 200 MANUAL
Code 6080200136: Ø 150 HYDRAULIC
Code 6080200137: Ø 200 HYDRAULIC
Code 6080200142: Ø 150 PNEUMATIC
Code 6080200143: Ø 200 PNEUMATIC

BPP KNIFE GATE VALVE
Version:
Lever / Leva
Hydraulic cylinder / Cilindro idraulico
Pneumatic cylinder / Cilindro pneumático

Code 6080200181: : MEC 9000 / 11000 / 13500

DEPRESSION VALVE KIT FOR SIDE OUTLETS MANIFOLD
kit porta valvola regolazione vuoto per collettore uscite laterali
kit porte-soupape réglage du vide pour collecteur sorties latérales
vakuumregelung roehrenfassungskit fuer seitenausgaengekollektor
kit porta válvula de regulación de vacío para colector salidas laterales

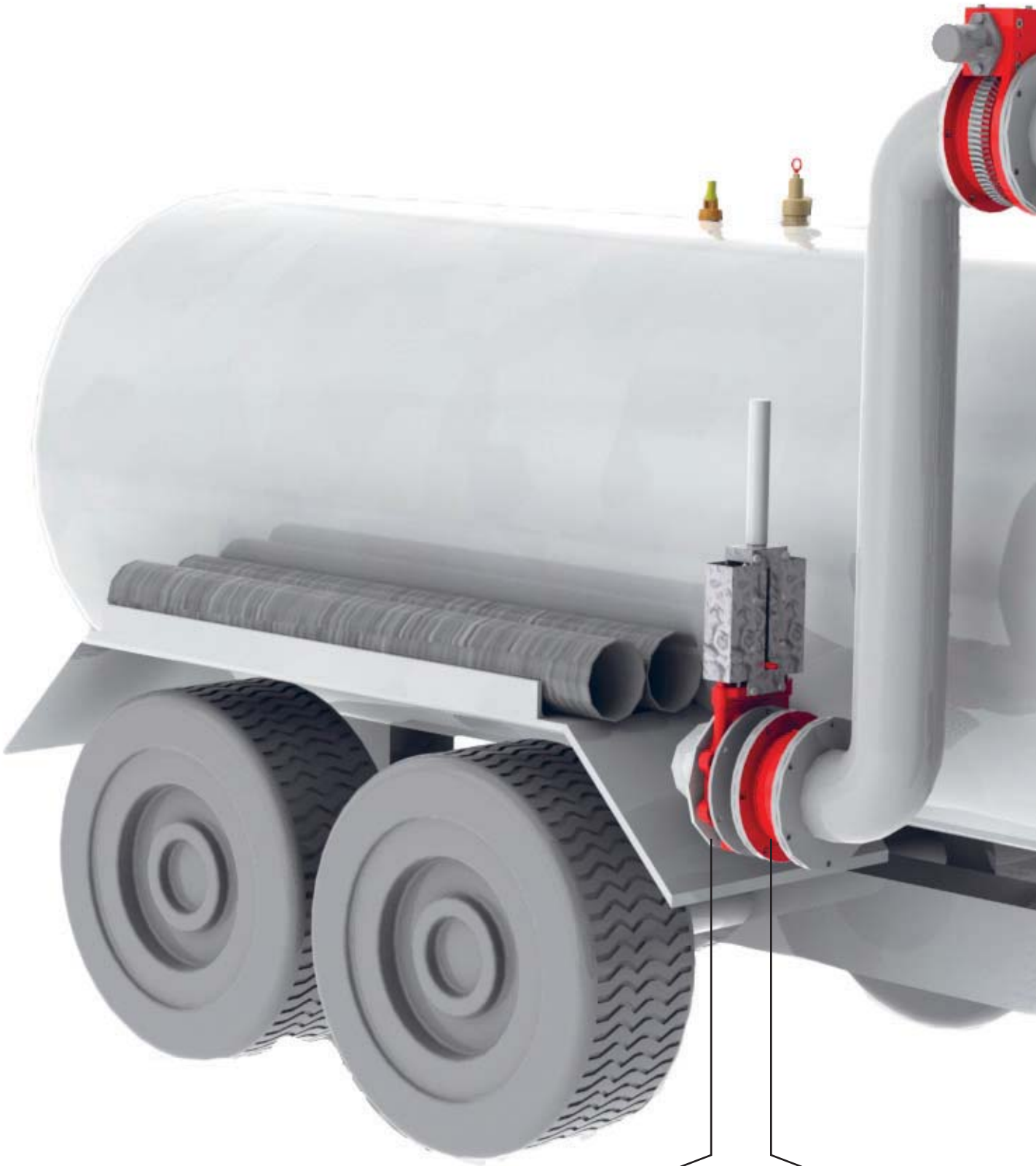
Code 5100200012: MEC 9000 / 11000 / 13500

DEPRESSION VALVE NOT CALIBRATED 1" 1/2
Valvola di regolazione vuoto non tarata /
soupape de depression pas tarée /
unterdruckventil nicht geeicht

Code 5100200011: MEC 9000 / 11000 / 13500

OVERPRESSURE VALVE 2"
Valvola sovrappressione / Soupape de surpression
Überdruckventil / Válvula de sobrepresión
Válvula de sobrepressão

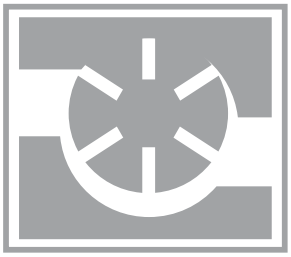
All specifications are subject to change without notice.
Le specifiche sono soggette a cambiamento senza preavviso.
Les caratéristiques techniques peuvent être modifiées a tout moment et sans préavis.
Die Spezifikationen können ohne Vorankündigung geändert werden.



STEM GATE

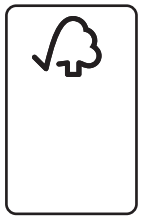
SARACINESCA


HYDRAULIC SWIVEL JOINT
GIUNTO GIREVOLE MOTORIZZATO
PRIMARY VALVE
VALVOLA PRIMARIA
SECONDARY VALVE
VALVOLA SECONDARIA
FILTER-SILENCER
SILENZIATORE CON FILTRO
SWIVEL JOINT
GIUNTO GIREVOLE



Battioni®
Pagani
Pompe

LOGO IN
INGLESE
verde (misto
di AGC

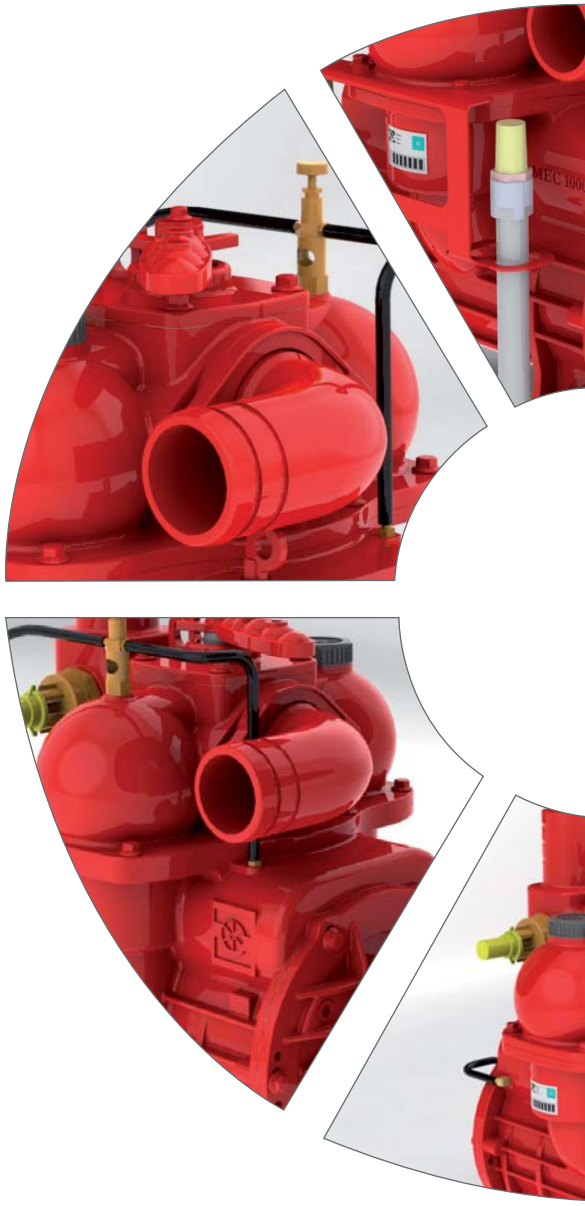


This catalog is printed entirely on
FSC certified paper (Forest Stewardship Council)
produced using cellulose from responsibly managed forests,
according to strict environmental, social and economic standard.

Battioni Pagani Pompe® has demonstrated its commitment
to protect and safeguard of the environment
and forest resources with the purchase of certified paper.

Questo catalogo è interamente stampato
su carta certificata FSC (Forest Stewardship Council), prodotta
con cellulosa proveniente da foreste gestite in modo responsabile,
secondo rigorosi standard ambientali, sociali ed economici.

Battioni Pagani Pompe® ha dimostrato il suo impegno
per la tutela e la salvaguardia dell'ambiente
e delle risorse forestali nell'acquisto della carta certificata.



LOGO FSC
IN INGLESE

Battioni®
Pagani
Pompe

Battioni Pagani Pompe S.p.A.
Via Cav. Enzo Ferrari, 2
43058 Ramoscello di Sorbolo (PR) - Italy

Ph. +39 0521 663203
Fax +39 0521 663206

www.battionipaganipompe.it
info@battionipaganipompe.it

Rev.1 del 01.03.2011