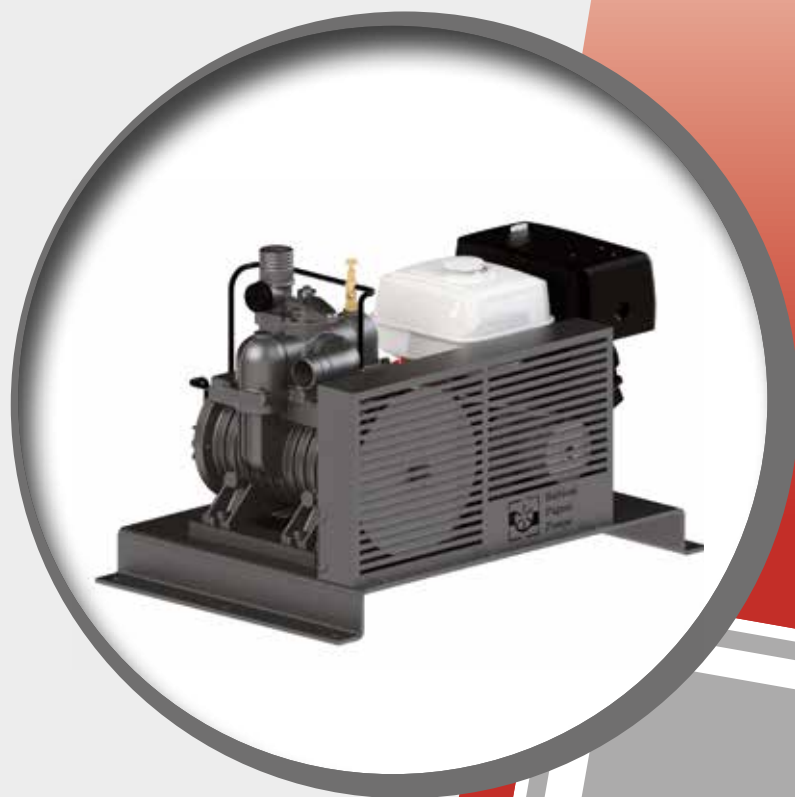




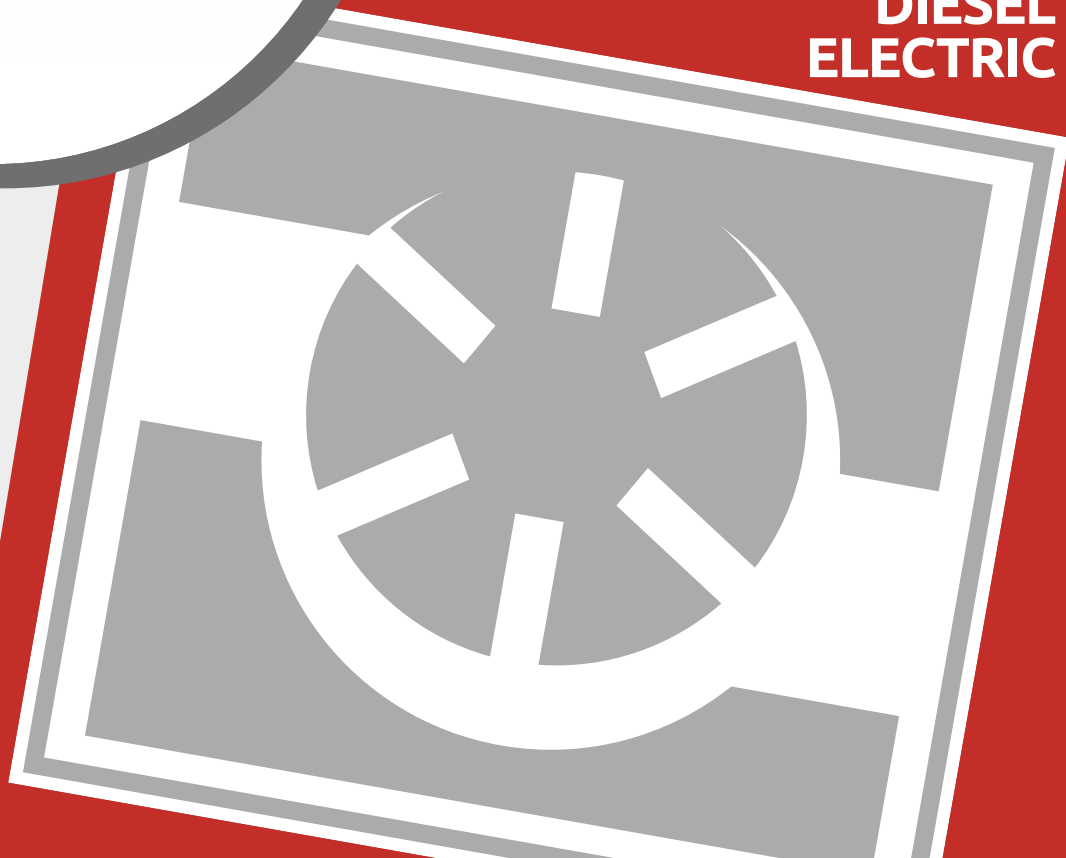
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Technical Catalogue
Catalogo Tecnico
Technischer Katalog

2020
POWERED
UNIT
GASOLINE
DIESEL
ELECTRIC



www.bapag.it

rev. 2 del 15/10/2020



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Belt protection
Protezione cinghia
Schutzgürtel

Engine Muffler with spark arrestor
Silenziatore con rompifiamme incorporato
Schalldämpfer mit eingebetteten Flammen Pause

Centrifugal clutch
Frizione centrifuga
Fliehkraftkupplung

Recoil Starter
Avviamento manuale
Manueller Start

Flushing Kit



**POWERED UNIT
(GASOLINE,
DIESEL,
ELECTRICAL)**

POWERED UNIT

GASOLINE, DIESEL, ELECTRIC



Kit valves and manometer
Kit valvole e manometro
Ventile und Manometer - Kit

Reset button for automatic low oil shutdown

Bottone di resettaggio livello minimo olio
Taste, um die Mindestanforderungen für Öl zurückgesetzt

Air filter
Filtro aria
Luftfilter

Moisture Trap
Filtro Disoliatore
Olabscheiderfilter

Electric start
Avviamento elettrico
Elektrostart

Pump Controller

Battery
Batteria
Batterie

VERSIONS



GASOLINE ENGINE



GASOLINE ENGINE-MUFFLER DRIVE SYSTEM-PRO



ELECTRIC MOTOR



DIESEL ENGINE

Autonomy at your service



Powered Unit

The picture is only for informative purpose.
See the table on page 89 for the complete list of the available optionals.



GASOLINE ENGINE



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GASOLINE ENGINE DRIVEN SYSTEM

The Battioni Pagani Gasoline engines driven systems have been designed and manufactured in compliance with EEC safety regulations and have been assessed for risks according to standard uni EN iso 14121-1:2007; in particular they are in conformity with directive 2006/42/CE and subsequent modifications and additions.



MAIN APPLICATIONS

- Semi trailer for emptying portable toilets
- Semi trailer for emptying chemical toilets trains
- Stationary plant

VERSIONS



Version
BELT DRIVEN



Version
FRONT BELT

TECHNICAL DATA

Group	MAX RATE OF FLOW l/min	CONTINUOUS WORKING TIME WITH STANDARD BLADES min	CONTINUOUS WORKING TIME WITH LONG LIFE BLADES min	MAX ABSOLUTE (RELATIVE) PRESSURE bar	VACUUM INTERMITTENT bar	VACUUM CONTINUOUS bar
MEC 2000 B.D.	2750	6-8	15	2(1)	-0.91	-0.5
MEC 3000 B.D.	3600	6-8	15	2(1)	-0.92	-0.5
MEC 4000 B.D.	4350	6-8	15	2(1)	-0.94	-0.5
MEC 4000 B.D. + WATER PUMP	4350	6-8	15	2(1)	-0.94	-0.5
MEC 5000 B.D.	6150	6-8	15	2(1)	-0.94	-0.5
MEC 6500 B.D.	7000	6-8	15	2(1)	-0.94	-0.5
MEC 8000 B.D.	8100	6-8	15	2(1)	-0.94	-0.5
MEC 9000 B.D.	9030	6-8	15	2(1)	-0.95	-0.5
MEC 1000 F.B.	1260	6-8	15	2(1)	-0.89	-0.5
MEC 1600 F.B.	1980	6-8	15	2(1)	-0.89	-0.5
MEC 2000 F.B.	2750	6-8	15	2(1)	-0.91	-0.5

OPTIONALS



Gasoline Tank
Code 5090000059



Rev counter
Code 5090000072



Muffler
Code 5090000057



Battioni Pagani
Vacuum
Pump Oil 5 lt.
Code 5070200100



Battioni Pagani
Flushing Fluid 5 lt.
Code 5070200102



Flushing Kit
Code 6080200325

OPTIONALS

GASOLINE ENGINE



Pump Controller



Pump Active Controller



Customized Painting

VERSIONS

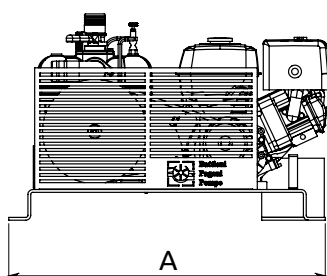


BELT DRIVEN

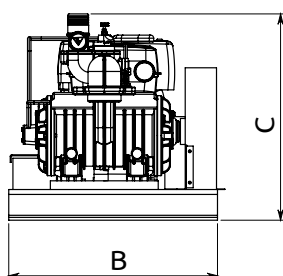


FRONT BELT

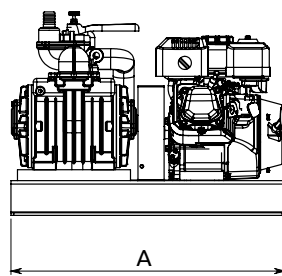
TECHNICAL DATA - OVERALL DIMENSIONS



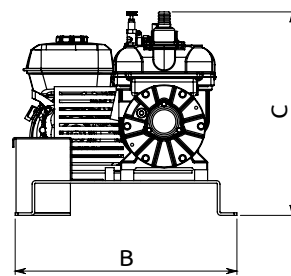
BELT DRIVEN



GROUP	A (mm)	B (mm)	C (mm)
MEC 2/3/3.5/4/4.500 B.D.	890	600	590
MEC 5/6.5/7.5/8/9.000 B.D.	1030	780	710



FRONT BELT



GROUP	A (mm)	B (mm)	C (mm)
MEC 1.000/1.600 F.B.	690	640	495
MEC 2.000 F.B.	890	600	590



DIESEL ENGINE



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DIESEL ENGINE DRIVEN SYSTEM

The Battioni Pagani Diesel engines driven systems B have been designed and manufactured in compliance with EEC safety regulations and have been assessed for risks according to standard uni EN iso 14121-1:2007; in particular they are in conformity with directive 2006/42/CE and subsequent modifications and additions.



MAIN APPLICATIONS

- Semi trailer for emptying portable toilets
- Semi trailer for emptying chemical toilets trains
- Stationary plant

VERSIONS



Version
BELT DRIVEN



Version
DIRECT DRIVE

TECHNICAL DATA

Group	MAX RATE OF FLOW l/min	CONTINUOUS WORKING TIME WITH STANDARD BLADES min	CONTINUOUS WORKING TIME WITH LONG LIFE BLADES min	MAX ABSOLUTE (RELATIVE) PRESSURE bar	VACUUM INTERMITTENT bar	VACUUM CONTINUOUS bar
MEC 2000 B.D.	2750	6-8	15	2(1)	-0.91	-0.5
MEC 3000 B.D.	3600	6-8	15	2(1)	-0.92	-0.5
MEC 4000 B.D.	4350	6-8	15	2(1)	-0.94	-0.5
MEC 5000 B.D.	6150	6-8	15	2(1)	-0.94	-0.5
MEC 6500 B.D.	7000	6-8	15	2(1)	-0.94	-0.5
MEC 8000 B.D.	8100	6-8	15	2(1)	-0.94	-0.5
MEC 9000 D.D.	9030	6-8	15	2(1)	-0.95	-0.5
MEC 11000 D.D.	11137	6-8	15	2(1)	-0.95	-0.5
MEC 13500 D.D.	13845	6-8	15	2(1)	-0.95	-0.5
STAR 60 D.D.	10680	6-8	15	2(1)	-0.95	-0.5
STAR 72 D.D.	11870	6-8	15	2(1)	-0.95	-0.5
STAR 84 D.D.	14420	6-8	15	2(1)	-0.95	-0.5
KTM 2300 D.D.	36300	6-8	15	2(1)	-0.95	-0.5

OPTIONALS



Diesel Tank
Code 6080200237



Battioni Pagani
Vacuum Pump Oil 5 lt.
Code 5070200100



Battioni Pagani
Flushing Fluid 5 lt.
Code 5070200102



Flushing Kit
Code 6080200325



Pump Controller



Pump Active
Controller



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DIESEL ENGINE



OPTIONALS



Customized
Painting

VERSIONS

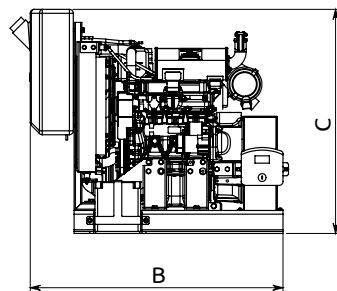
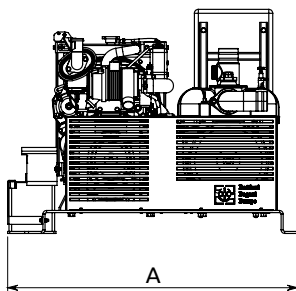


BELT DRIVEN



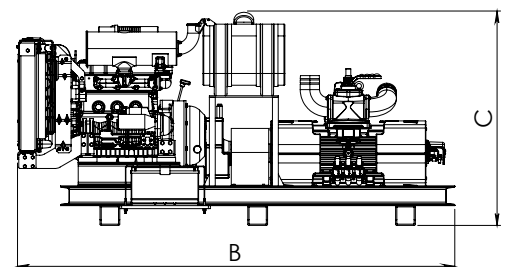
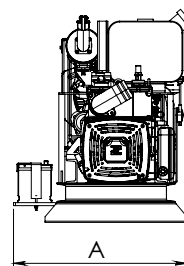
DIRECT DRIVE

TECHNICAL DATA - OVERALL DIMENSIONS



BELT DRIVEN

GROUP	A (mm)	B (mm)	C (mm)
MEC 2000	910	540	590
MEC 6.5/8.000	1110	970	860



GROUP	A (mm)	B (mm)	C (mm)
MEC II/STAR	1400	2005	1000
KTM 2300	1000	2800	1300
FAN 420	880	2220	1080
FAN 530	880	2220	1080

Powered Unit

ELECTRIC MOTOR DRIVEN SYSTEM

The Battioni Pagani Electric motor driven systems have been designed and manufactured in compliance with EEC safety regulations and have been assessed for risks according to standard uni EN iso 14121-1:2007; in particular they are in conformity with directive 2006/42/CE and subsequent modifications and additions.



MAIN APPLICATIONS

- Semi trailer for emptying portable toilets
- Semi trailer for emptying chemical toilets trains
- Stationary plant

VERSIONS



**Version
DIRECT DRIVE**



**Version
FRONT BELT**



**Version
BELT DRIVE**

TECHNICAL DATA

GROUP	MAX RATE OF FLOW l/min	GEOMETRICAL CAPACITY mc/h	MAX RELATIVE PRESSURE bar
BR 40 F.B.	710	42	10
BR 80 F.B.	1425	85	10
BR 40 D.D.	710	42	10
BR 80 D.D.	1425	85	10
BR 120 D.D.	2125	127	10
BR 160 D.D.	2875	172	8
BR EVO 50 D.D.	633	38	10

Group	MAX RATE OF FLOW l/min	CONTINUOUS WORKING TIME WITH STANDARD BLADES min	CONTINUOUS WORKING TIME WITH LONG LIFE BLADES min	MAX ABSOLUTE (RELATIVE) PRESSURE bar	VACUUM INTERMITTENT bar	VACUUM CONTINUOUS bar
MEC 3000 B.D.	3600	6-8	15	2(1)	-0.92	-0.5
MEC 4000 B.D.	4350	6-8	15	2(1)	-0.92	-0.5
MEC 5000 B.D.	6150	6-8	15	2(1)	-0.92	-0.5

OPTIONALS



Pump Controller



**Pump Active
Controller**



**Customized
Painting**



VERSIONS



DIRECT DRIVE

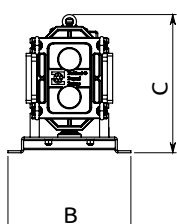
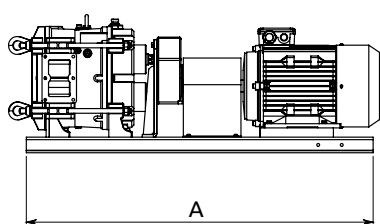


FRONT BELT



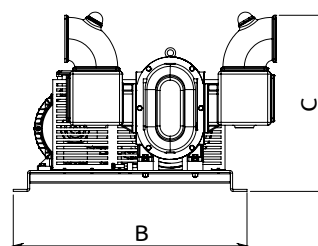
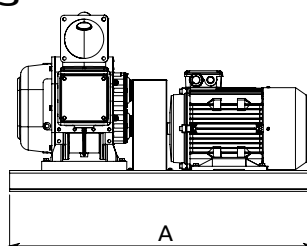
BELT DRIVE

TECHNICAL DATA - OVERALL DIMENSIONS



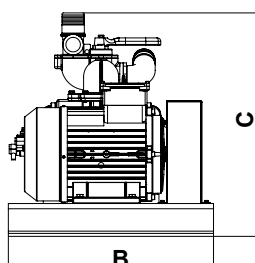
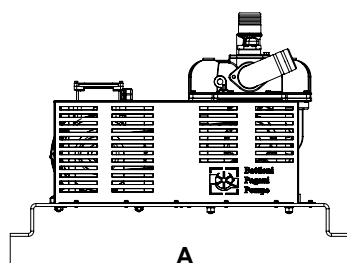
DIRECT DRIVE

GROUP	A (mm)	B (mm)	C (mm)
BR EVO 50	1350	470	530
BR 40/80	1500	470	600
BR 120/160	1650	470	600



FRONT BELT

GROUP	A (mm)	B (mm)	C (mm)
BR 40/80	1160	890	670



BELT DRIVE

GROUP	A (mm)	B (mm)	C (mm)
MEC 3000 BD	910	550	600
MEC 4000 BD	910	550	600
MEC 5000 BD	910	550	600



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