

VIESSE
pompe



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**Engine-driven
self-priming and
vacuum-assisted
pumps**

MP

General description

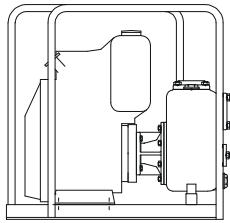
The engine-driven pumps manufactured by VIESSE POMPE are of self-priming or vacuum assisted type and can be used in the construction and/or in the emergency market. These pumps are studied for heavy and continuous jobs and are of easy use and maintenance.

Pumps can be supplied with petrol or diesel engine, on base frame and simple or tank type trailer. The units equipped with multi-cylinders engines can be equipped with soundproof bonnet LW(A)100 and can be mounted on road trailer.

Models

ENGINE-DRIVEN SELF-PRIMING PUMPS ON HANDLE - S+G series.

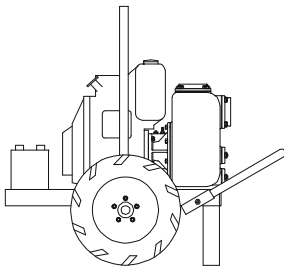
Construction in cast iron or aluminium, with single-cylinder petrol engines, mounted on frames with total weights up to 100 Kg.. Can be equipped with flexible suction and delivery hoses with quick couplings.



Type	Ports	Engine	Power kW	Max flow mc/h	Max head m
S40G31LC+G	1"½	A230B	4	24	27
S45G31LA+G	1"½	LGA226	4,5	25	48
S50G31LA+G	2"	LGA226	4,5	40	26
S80A31LA+G	3"	IM350	4,3	90	20
S100A31BS+G	4"	303400	7,2	140	26

ENGINE-DRIVEN SELF-PRIMING PUMPS ON TRAILER - S+T series.

Construction in cast iron, mounted on simple 2 wheels trailer and powered by petrol or diesel engines. Can be equipped with flexible suction and delivery hoses with quick couplings.

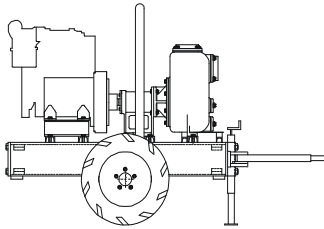


Type	Ports	Engine	Power kW	Max flow mc/h	Max head m
S45G31LD+T	1"½	15LD315	4,5	25	48
S45G31LA+T	1"½	LGA226	4,5	25	48
S50G31LD+T	2"	15LD315	4,5	40	26
S50G31LA+T	2"	LGA226	4,5	40	26
S60G31LD+T	2"	15LD440	6,5	45	45
S63G31LD+T	2"	15LD500	7	45	52
S65G31LD+T	2"	15LD440	4	45	15
S68G31LCD+T	2"	ADX740	7,2	45	60
S80G31LD+T	3"	15LD440	6,5	90	28
S83G31LD+T	3"	15LD500	7,3	90	33
S85G31LD+T	3"	25LD425-2	6	90	20
S88G31S/LD+T	3"	9LD626-2	18	90	60
S100G31LD+TE	4"	25LD425-2	10	140	26
S105G31LD+TE	4"	9LD626-2	14,5	150	28
S121G31LD3+TE	4"	11LD626-3	15	180	31

N.B. other engines available

DIESEL-DRIVEN SELF-PRIMING PUMPS ON TRAILER - S + TT series.

Construction in cast iron, mounted on tank type trailer for at least 12 hours working. These pumps can be supplied also in soundproof LW(A)100 version, and can be equipped with flexible suction and delivery hoses with quick couplings.

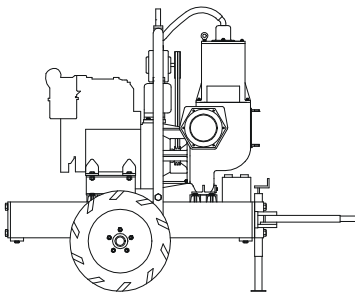


Type	Ports	Engine	Power kW	Max flow mc/h	Max head m
S100G31LD+TT	4"	25LD425-2	10	140	26
S105G31LD+TT	4"	9LD626-2	14,5	150	28
S108G31S/LD3+TT	4"	11LD626-3	24	160	56
S121G31LD3+TT	4"	11LD626-3	15	180	31
S121G31VM2+TT	4"	SUN 2105	27	180	50
S150G31LD3+TT	6"	11LD626-3	15	300	16
S150G31DZ2+TT	6"	F2L1011F	15	300	16
S150G31VM2+TT	6"	SUN 2105	27	360	25
S161G31DZ3+TT	6"	F3L1011F	20	360	22
S161G31VM3+TT	6"	SUN 3105	37	360	33
S180G31S/VM3+TT	6"	SUN 3105	35	360	35
S200G31S/VM3+TT	8"	SUN 3105	36	450	22
S230G31S/VM4+TT	8"	SUN 4105T	55	650	39
S230G31S/VM6+TT	8"	SUN 6105I	95	650	61

N.B. other engines available

DIESEL-DRIVEN VACUUM-ASSISTED PUMPS – W + TT series.

Centrifugal engine-driven pumps in cast iron with high capacity volumetric vacuum pump lubricated with oil, to grant a secure and quick automatic priming in any condition, even with long suction pipes. Trailer with fuel tank incorporated for a 12 hours autonomy at least. Also available with silent enclosure LW(A)100.



Type	Ports	Engine	Power kW	Max flow mc/h	Max head m
W41MLD522+TT	4"	11LD522-3	11,5	150	22
W41MLD626+TT	4"	11LD626-3	18	180	33
W41MDZ2+TT	4"	F2L1011F	17	180	34
W61MVM2+TT	6"	SUN2105	20	370	25
W61MVM3+TT	6"	SUN3105	35	370	32
W61MDZ2+TT	6"	F2L1011F	15	370	22
W61MDZ3+TT	6"	F3L1011F	23	370	28

N.B. other engines available

NOTE: The performances are intended without cavitation.

Applications

TYPE	engine-driven pumps on handle S+G	engine-driven pumps on trailer S+T	engine-driven pumps on trailer S+TT	vacuum assisted engine-driven pumps W+TT
BASEMENTS	X	X		
BASINS	X	X	X	X
FLOODINGS		X	X	X
WELLPOINT				X

Engine-driven self-priming pumps on hand-frame S + G

For muds and liquids with solids in suspension - CE Mark

◆ Performances ◆

Type	Ports inc./mm	Coupling	Solids pass. mm	Abs. power kW	RpM 1/min	mc/h	5	10	20	25	30	40	50	80	100	120	
S40G31LC+G	1 1/2 / 40	monoblock	20	2	3600	m	26	23	17	12	-	-	-	-	-	-	
S45G31LA+G	1 1/2 / 40	monoblock	20	7	3600		48	42	28	23	-	-	-	-	-	-	-
S50G31LA+G	2" / 50	monoblock	25	4	3600		-	26	23	21	19	14	-	-	-	-	-
S80A31LA+G*	3" / 80	monoblock	30	4	3000		-	-	-	-	20	18	16	7	-	-	-
S100A31BS+G*	4" / 100	monoblock	45	6,7	2500		-	-	-	-	-	-	26	23	20	16	-

* model in aluminium

Priming capacity up to 7 m. with the possibility to pump solids and textiles up to maximum diameter as the above table, pumps equipped with balanced handle for transport.

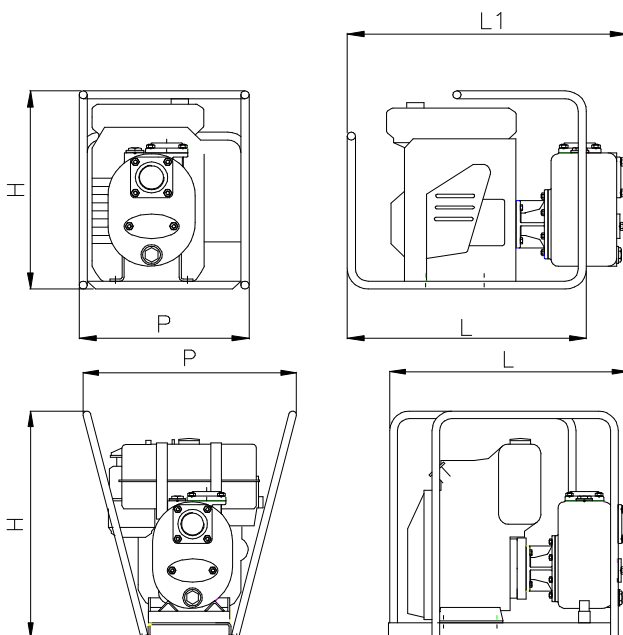
◆ Construction ◆

G20 cast iron with open blades impeller (solids dia. as above), axial mechanical seal in tungsten carbide with permanent grease lubrication, steel wear plate with stainless steel screws, wide inspection doors for the impeller and for pump emptying.

◆ Motorization ◆

Type	Engine mark	Engine type	RPM	Power kW	cyl. N°	Displac. cc.	Starter	Auton. h	Fuel
S40G31LC+G	ACME	A 230 B	3600	3,5	1	230	recoil	2,2	gasoline
S45G31LA+G	INTERMOTOR	LGA 226	3600	4,5	1	254	recoil	2	gasoline
S50G31LA+G	INTERMOTOR	LGA 226	3600	4,5	1	254	recoil	2	gasoline
S80A31LA+G	INTERMOTOR	IM350	3000	4,8	1	349	recoil	1,9	gasoline
S100A31BS+G	B & S	303442	2600	9,7	2	480	recoil	2	gasoline

◆ Dimensions ◆



Type	H	L	L1	P	weight kg.
S40G31LC+G	420	480	510	380	25
S45G31LA+G	480	510	530	400	40

Type	H	P	L	weight kg.
S50G31LA+G	500	410	520	40
S80A31LA+G	580	560	630	60
S100A31BS+G	560	750	780	95

Dimensions in mm, not binding

Engine-driven pumps on simple trailer S + T - Ports 1" 1/2

For muds and liquids with solids in suspension - CE Mark

◆ Performances ◆

Type	Ports inc./mm	Coupling	Solids pass. mm	Abs. power kW	RpM 1/min	mc/h	5	10	15	20	24
S45G31LA+T	1"½ / 40	monoblock	14 x 19	4	3600	m	48	42	35	28	24
S45G31LD+T	1"½ / 40	monoblock	14 x 19	4	3600		48	42	35	28	24

Priming capacity up to 7 m. with the possibility to pump solids and textiles up to maximum diameter as per above table, pumps mounted on two wheels trailer with retractable tow-bar, lifting hook and resting foot.

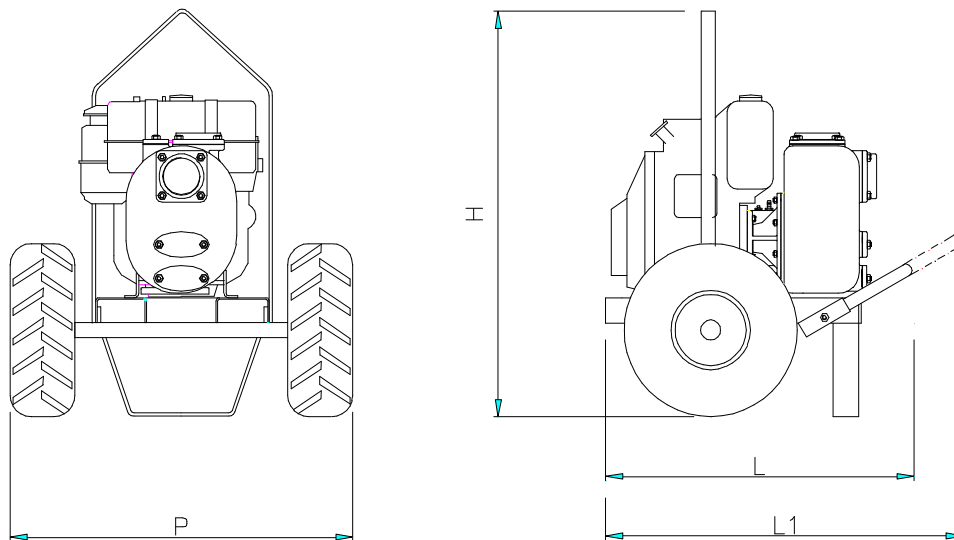
◆ Construction ◆

G20 cast iron, open blades impeller (solids passage as per above table) , axial mechanical seal in tungsten carbide with permanent grease lubrication, steel wear plate with stainless steel screws, wide inspection doors for impeller and for pump emptying.

◆ Motorization ◆

Type	Engine mark	Engine type	RPM	Power kW	cyl. N°	Displac. cc.	Starter	Auton. h	Fuel
S45G31LA+T	LOMBARDINI	LGA 226	3600	4,5	1	254	recoil	2,0	gasoline
S45G31LD+T	LOMBARDINI	15LD315	3600	4,5	1	315	recoil	3,8	diesel

◆ Dimensions ◆



Type	H	L	L1	P	weight kg.
S45G31LA+T	690	690	950	600	60
S45G31LD+T	690	690	950	600	80

Dimensions in mm, not binding

Engine-driven pumps on simple trailer S+T - Ports 2"

For muds and liquids with solids in suspension - CE Mark

◆ Performances ◆

Type	Ports inc./mm	Coupling	Solids pass. mm	Abs. power kW	RpM 1/min	mc/h	10	20	30	40	45
S50G31LD+T	2" / 50	monoblock	25	4	3600	m	26	23	19	14	-
S50G31LA+T	2" / 50	monoblock	25	4	3600		26	23	19	14	-
S60G31LD+T	2" / 50	monoblock	17	6,2	3400		44	38	32	24	20
S63G31LD+T	2" / 50	monoblock	22	7	3000		50	46	41	35	30
S65G31LD+T	2" / 50	monoblock	25	3,7	1800		15	13	11	6	4
S68G31LD+TE	2" / 50	monoblock	25	7,8	2800		60	54	47	39	33

Priming capacity up to 8 m. with the possibility to pump solids and textiles up to maximum diameter as per above table, pumps mounted on two wheels trailer with retractable tow-bar, lifting hook and resting foot.

◆ Construction ◆

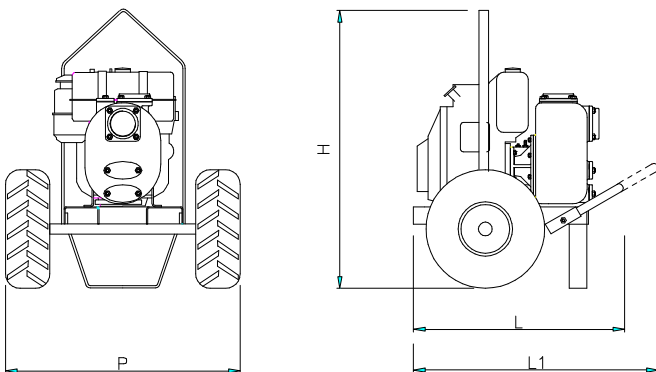
G20 cast iron, open blades impeller (solids passage as per above table) , axial mechanical seal in tungsten carbide with permanent grease lubrication, steel wear plate with stainless steel screws, wide inspection doors for impeller and for pump emptying.

◆ Motorization ◆

Type	Engine mark	Engine type	RPM	Power kW	cyl. N°	Displac. cc.	Starter	Auton. h	Fuel
S50G31LD+T	LOMBARDINI	15LD315	3600	4,5	1	315	recoil	2,8	diesel
S50G31LA+T	LOMBARDINI	LGA 226	3600	4,5	1	254	recoil	2	gasoline
S60G31LD+T	LOMBARDINI	15LD440	3400	6,5	1	442	recoil 1)	2	diesel
S63G31LD+T	LOMBARDINI	15LD500	3000	7	1	505	recoil 1)	2	diesel
S65G31LD+T	LOMBARDINI	15LD440	1800	4	1	442	recoil 1)	3,5	diesel
S68G31LD+TE	LOMBARDINI	25LD425-2	2800	10	2	850	electric	2,8	diesel

1) electric starter available

◆ Dimensions ◆



Type	H	L	L1	P	weight kg.
S50G31LD+T	690	690	950	600	82
S50G31LA+T	690	690	950	600	72
S60G31LD+T	740	690	950	600	97
S63G31LD+T	900	800	1100	800	140
S65G31LD+T	1000	900	1200	800	185
S68G31LD+TE	1200	1300	1200	800	200

Dimensions in mm, not binding

Engine-driven pumps on simple trailer S+T - Ports 3"

For muds and liquids with solids in suspension - CE Mark

◆ Performances ◆

Type	Ports inc./mm	Coupling	Solids pass. mm	Abs. power kW	RpM 1/min	mc/h	20	40	60	80	90
S80G31LD+T	3" / 80	monoblock	30	6	3400	m	28	25	20	14	12
S83G31LD+T	3" / 80	monoblock	27	6	3000		38	33	26	19	14
S85G31LD+T	3" / 80	monoblock	40	5,8	1700		20	18	16	12	10
S88G31S/LD+TE	3" / 80	coupling	30	16	3000		60	55	49	41	35

Priming capacity up to 7 m. with the possibility to pump solids and textiles up to maximum diameter as per above table, pumps mounted on two wheels trailer with retractable tow-bar, lifting hook and resting foot.

◆ Construction ◆

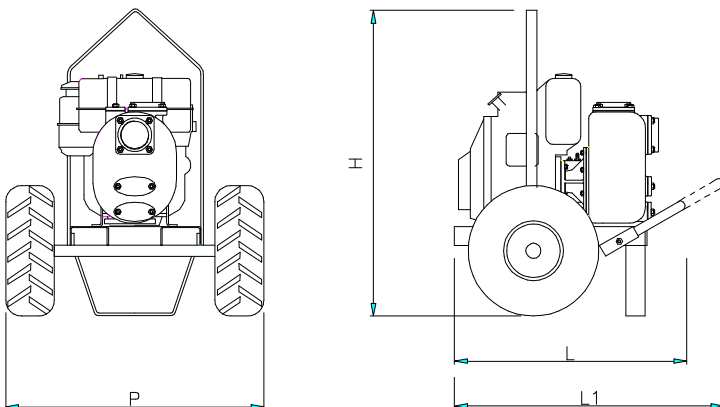
G20 cast iron, open blades impeller (solids passage as per above table), axial mechanical seal in tungsten carbide with permanent grease lubrication, steel wear plate with stainless steel screws, wide inspection doors for impeller and for pump emptying.

◆ Motorization ◆

Type	Engine mark	Engine type	RPM	Power kW	cyl. N°	Displac. cc.	Starter	Auton. h	Fuel
S80G31LD+T	LOMBARDINI	15LD440	3400	6,5	1	442	recoil 1)	2,3	diesel
S83G31LD+T	LOMBARDINI	15LD500	3000	7,3	1	505	recoil 1)	3	diesel
S85G31LD+T	LOMBARDINI	25LD425-2	1700	6	2	851	recoil 1)	3,4	diesel
S88G31S/LD+TE	LOMBARDINI	9LD626-2	3000	18	2	1248	electric	2	diesel

1) electric starter available

◆ Dimensions ◆



Type	H	L	L1	P	weight kg.
S80G31LD+T	700	690	950	600	110
S83G31LD+T	850	800	1100	600	170
S85G31LD+T	850	850	1150	600	185
S88G31S/LD+T	1100	1300	1700	800	240

Dimensions in mm, not binding

Engine-driven pumps on simple trailer S+T - Ports 4"

For muds and liquids with solids in suspension - CE Mark

◆ Performances ◆

Type	Ports inc./mm	Coupling	Solids pass. mm	Abs. power kW	RpM 1/min	mc/h	30	60	90	120	150	180
S100G31LD+TE	4" / 100	monoblock	45	9	2800	m	26	23	19	13	-	-
S105G31LD+TE	4" / 100	monoblock	45	13,5	2000		27	26	24	21	18	-
S121G31LD3+TE	4" / 100	monoblock	50	12	1600		-	30	28	25	22	18

Priming capacity up to 8 m. with the possibility to pump solids and textiles up to maximum diameter as per above table, pumps mounted on two wheels trailer with retractable tow-bar, lifting hook and resting foot.

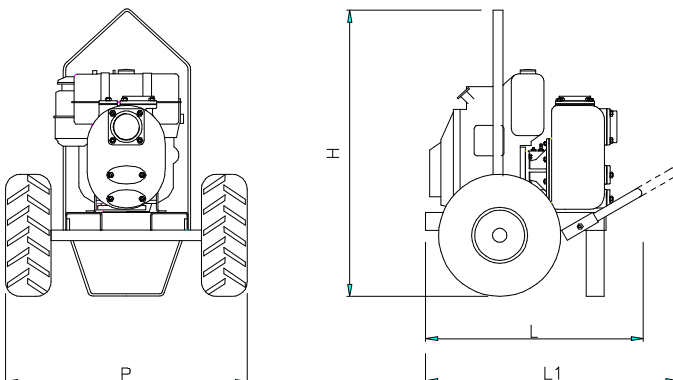
◆ Construction ◆

G20 cast iron, open blades impeller (solids passage as per above table), axial mechanical seal in tungsten carbide with permanent grease lubrication, steel wear plate with stainless steel screws, wide inspection doors for impeller and for pump emptying.

◆ Motorization ◆

Type	Engine mark	Engine type	RPM	Power kW	cyl. N°	Displac. cc.	Starter	Auton. h	Fuel
S100G31LD+TE	LOMBARDINI	25LD425-2	2800	10	2	851	electric	2,5	diesel
S105G31LD+TE	LOMBARDINI	9LD626-2	2000	14,5	2	1248	electric	2,3	diesel
S121G31LD3+TE	LOMBARDINI	11LD626-3	1600	15	3	1870	electric	3	diesel

◆ Dimensions ◆



Type	H	L	L1	P	weight kg.
S100G31LD+TE	1100	950	1250	800	220
S105G31LD+TE	1200	1250	1700	1000	240
S121G31LD3+TE	1200	1450	2400	1000	365

Dimensions in mm, not binding

Engine-driven pumps on tank trailer S+TT - Ports 4"

For muds and liquids with solids in suspension - CE Mark

◆ Performances ◆

Type	Ports inc./mm	Coupling	Solids pass. mm	Abs. power kW	RpM 1/min	mc/h	30	60	90	120	150	180
S100G31LCD+TT	4" / 100	monoblock	45	6,5	2400	m	20	16	12	5	-	-
S100G31LD+TT	4" / 100	monoblock	45	9	2800		26	23	19	13	-	-
S105G31LD+TT	4" / 100	monoblock	45	13,5	2000		27	26	24	21	18	-
S108G31S/LD+TT	4" / 100	coupling	35	23	3000		57	54	51	48	42	-
S121G31LD3+TT	4" / 100	monoblock	50	12	1600		-	30	28	25	22	18
S121G31VM2+TT	4" / 100	monoblock	50	25	2000		-	49	46	43	40	36

Priming capacity up to 7 m. with the possibility to pump solids and textiles up to maximum diameter as per above table, pumps mounted on two wheels trailer with retractable tow-bar, lifting hook and resting foot.

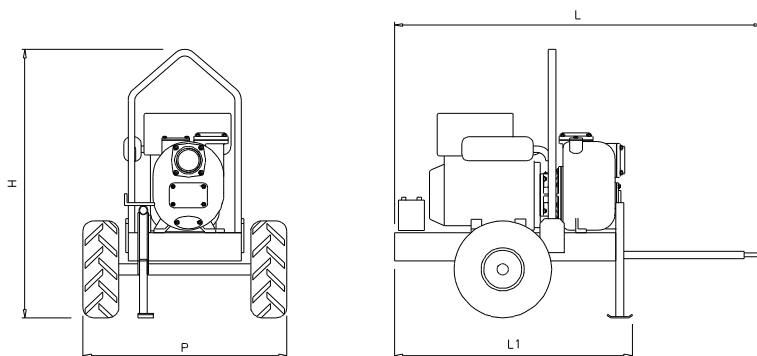
◆ Construction ◆

G20 cast iron, open blades impeller (solids passage as per above table) , axial mechanical seal in tungsten carbide with permanent grease lubrication, steel wear plate with stainless steel screws, wide inspection doors for impeller and for pump emptying.

◆ Motorization ◆

Type	Engine mark	Engine type	RPM	Power kW	cyl. N°	Displac. cc.	Starter	Auton. h	Fuel
S100G31LCD+TT	ACME	ADX740	2400	7,2	2	740	electric	24	diesel
S100G31LD+TT	LOMBARDINI	25LD425-2	2800	10	2	851	electric	22	diesel
S105G31LD+TT	LOMBARDINI	9LD626-2	2000	14,5	2	1248	electric	24	diesel
S108G31S/LD+TT	LOMBARDINI	11LD626-3	3000	24	3	1870	electric	22	diesel
S121G31LD3+TT	LOMBARDINI	11LD626-3	1600	15	3	1870	electric	24	diesel
S121G31VM2+TT	VM	SUN 2105	2000	27	2	1992	electric	18	diesel

◆ Dimensions ◆



Type	H	L	L1	P	weight kg.
S100G31LCD+TT	1600	1700	1950	1000	210
S100G31LD+TT	1600	1700	1950	1000	220
S105G31LD+TT	1600	1950	2200	1200	290
S108G31S/LD+TT	1600	1950	2200	1200	320
S121G31LD3+TT	1600	1950	2200	1200	420
S121G31VM2+TT	1600	1950	2200	1200	430

Dimensions in mm, not binding

Engine-driven pumps on tank trailer S+TT - Ports 6"

For muds and liquids with solids in suspension - CE Mark

◆ Performances ◆

Type	Ports inc./mm	Coupling	Solids pass. mm	Abs. power kW	RpM 1/min	mc/h	120	180	240	300	360
S150G31LD3+TT	6" / 150	monoblock	60	14	1600	m	15	13	10	5	-
S150G31DZ2+TT	6" / 150	monoblock	60	14	1600		15	13	10	5	-
S150G31VM2+TT	6" / 150	monoblock	60	25	2000		25	22	19	16	11
S161G31DZ3+TT	6" / 150	monoblock	70	19	1500		21	18	15	11	6
S161G31VM3+TT	6" / 150	monoblock	70	32	1800		31	28	25	21	16
S180G31S/VM3+TT	6" / 150	coupling	40	32	1500		33	30	26	22	16

Priming capacity up to 7 m. with the possibility to pump solids and textiles up to maximum diameter as per above table, pumps mounted on two wheels trailer with retractable tow-bar, lifting hook and resting foot.

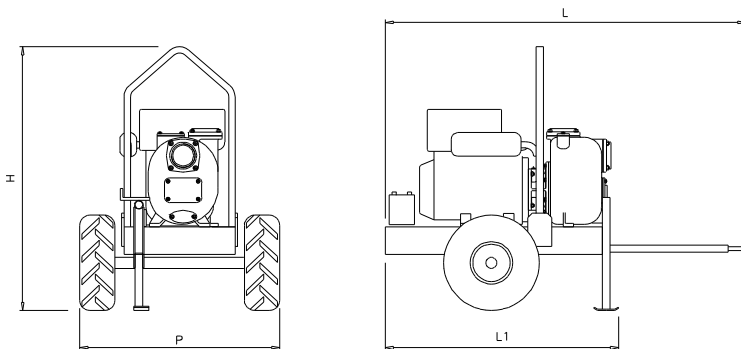
◆ Construction ◆

G20 cast iron, open blades impeller (solids passage as per above table), axial mechanical seal in tungsten carbide with permanent grease lubrication, steel wear plate with stainless steel screws, wide inspection doors for impeller and for pump emptying.

◆ Motorization ◆

Type	Engine mark	Engine type	RPM	Power kW	cyl. N°	Displac. cc.	Starter	Auton. h	Fuel
S150G31LD3+TT	LOMBARDINI	11LD626-3	1600	15	3	1870	electric	24	diesel
S150G31DZ2+TT	DEUTZ	F2L1011L	1600	15	2	1370	electric	22	diesel
S150G31VM2+TT	VM	SUN2105	2000	27	2	1992	electric	17	diesel
S161G31DZ3+TT	DEUTZ	F2L1011L	1500	20	3	2050	electric	18	diesel
S161G31VM3+TT	VM	SUN3105	1800	37	3	2987	electric	13	diesel
S180G31S/VM3+TT	VM	SUN3105	1500	35	3	2987	electric	15	diesel

◆ Dimensions ◆



Type	H	L	L1	P	weight kg.
S150G31LD3+TT	1600	1950	2200	1200	415
S150G31DZ2+TT	1600	1950	2200	1200	410
S150G31VM2+TT	1600	1950	2200	1200	425
S161G31DZ3+TT	1600	2100	2300	1200	520
S161G31VM3+TT	1600	2100	2300	1200	630
S180G31S/VM3+TT	1600	3100	2150	1200	900

Dimensions in mm, not binding

Engine-driven pumps on tank trailer S+TT - Ports 8"

For muds and liquids with solids in suspension - CE Mark

◆ Performances ◆

Type	Ports inc./mm	Coupling	Solids pass. mm	Abs. power kW	RpM 1/min	mc/h	180	240	300	360	450	550	650
S200G31S/VM3+TT	8" / 200	coupling	57	38	1700	m	23	21	20	18	15	12	-
S230G31S/VM4+TT	8" / 200	coupling	72	53	1500		37	36	35	34	31	27	20
S230G31S/VM6+TT	8" / 200	coupling	72	68	1800		59	58	57	55	52	47	44

Priming capacity up to 7 m. with the possibility to pump solids and textiles up to maximum diameter as per above table, pumps mounted on two wheels trailer with retractable tow-bar, lifting hook and resting foot.

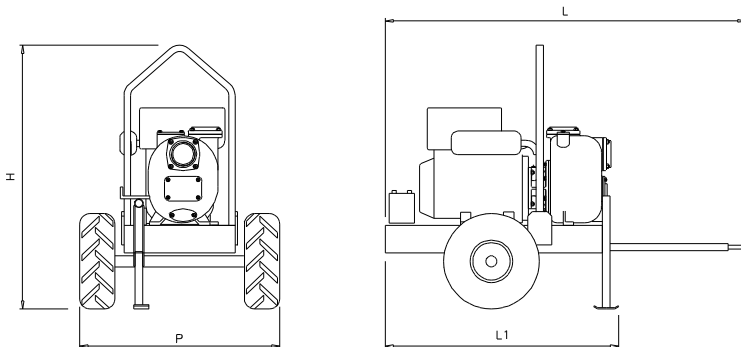
◆ Construction ◆

G20 cast iron, open blades impeller (solids passage as per above table), axial mechanical seal in tungsten carbide with permanent grease lubrication, steel wear plate with stainless steel screws, wide inspection doors for impeller and for pump emptying.

◆ Motorization ◆

Type	Engine mark	Engine type	RPM	Power kW	cyl. N°	Displac. cc.	Starter	Auton. h	Fuel
S200G31S/VM3+TT	VM	SUN3105T	1700	41	3	2987	electric	15	diesel
S230G31S/VM4+TT	VM	SUN4105T	1500	55	4	3983	electric	13	diesel
S230G31S/VM6+TT	VM	SUN6105I	1800	95	6	5975	electric	11	diesel

◆ Dimensions ◆



Type	H	L	L1	P	weight kg.
S200G31S/VM3+TT	1650	2100	2900	1200	840
S230G31S/VM4+TT	1650	2200	2600	1200	1020
S230G31S/VM6+TT	1650	2200	2600	1200	1250

Dimensions in mm, not binding

Vacuum-assisted pumps on tank trailer W+TT - Ports 4"

For muds and liquids with solids in suspension - CE Mark

◆ Performances ◆

Type	Ports inc./mm	Coupling	Solids pass. mm	Abs. power kW	RpM 1/min	mc/h	30	60	80	100	120	150
W41MLD522+TT	4" / 100	monoblock	50	8	1500	m	22	19	16	14	11	7
W41MLD626+TT	4" / 100	monoblock	50	15	1800		33	28	25	22	19	14
W41MDZ2+TT	4" / 100	monoblock	50	15	1800		33	28	25	22	19	14

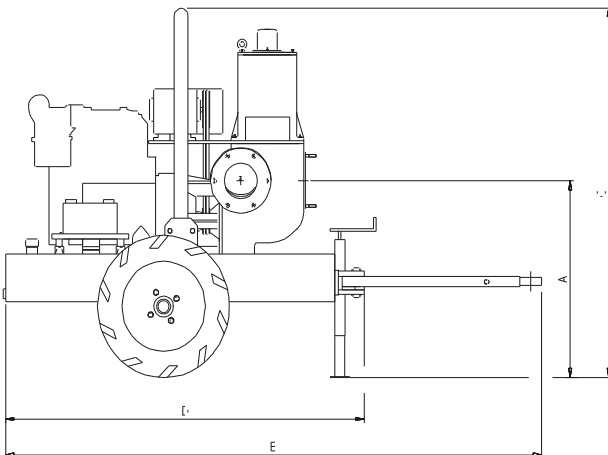
◆ Construction ◆

Diesel-driven centrifugal vacuum assisted pumps, mounted on tank trailer or on homologated for road circulation one. Motorized with multi-cylinder diesel engine with electric starter. Equipped with high vacuum oil lubricated pump, for a quick and safe automatic priming in any conditions, even with very long and deep suctions. Construction in high resistant cast iron G20, open impeller with large solids passage, wear plates with external stainless steel screws, tungsten carbide mechanical seal, trailer with fuel tank for an autonomy of at least 12 hours, tow-bar and lifting hook. Models available also in soundproof version and/or mounted on road homologated trailer.

◆ Motorization ◆

Type	Engine mark	Engine type	RPM	Power kW	cyl. N°	Displac. cc.	Starter	Auton. h	Fuel
W41MLD522+TT	LOMBARDINI	11LD522-3	1500	11,5	3	1566	electric	20	diesel
W41MLD626+TT	LOMBARDINI	11LD626-3	1800	18	3	1870	electric	15	diesel
W41MDZ2+TT	DEUTZ	F2L1011L	1800	17	2	1370	electric	14	diesel

◆ Dimensions ◆



Type	A	B	C	D	weight kg.
W41MLD522+TT	1000	2400	1725	1510	800
W41MLD626+TT	1000	2600	1725	1710	830
W41MDZ2+TT	1000	2400	1725	1510	850

Dimensions in mm, not binding

Vacuum-assisted pumps on tank trailer W+TT - Ports 6"

For muds and liquids with solids in suspension - CE Mark

◆ Performances ◆

Type	Ports inc./mm	Coupling	Solids pass. mm	Abs. power kW	RpM 1/min	mc/h	100	150	200	250	300	370
W61MVM2+TT	6" / 150	monoblock	60	18	1700	m	25	23	20	17	13	7
W61MVM3+TT	6" / 150	monoblock	60	26	1900		32	29	26	23	20	14
W61MDZ2+TT	6" / 150	monoblock	60	12	1500		22	20	17	14	10	5
W61MDZ3+TT	6" / 150	monoblock	60	22	1800		28	26	23	20	16	10

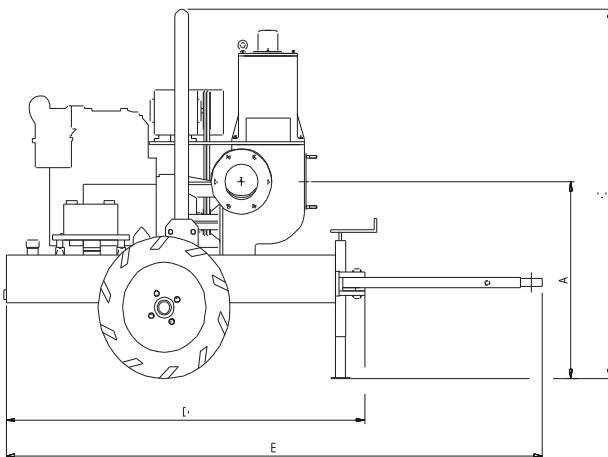
◆ Construction ◆

Diesel-driven centrifugal vacuum assisted pumps, mounted on tank trailer or on homologated for road circulation one. Motorized with multi-cylinder diesel engine with electric starter. Equipped with high vacuum oil lubricated pump, for a quick and safe automatic priming in any conditions, even with very long and deep suctions. Construction in high resistant cast iron G20, open impeller with large solids passage, wear plates with external stainless steel screws, tungsten carbide mechanical seal, trailer with fuel tank for an autonomy of at least 12 hours, tow-bar and lifting hook. Models available also in soundproof version and/or mounted on road homologated trailer.

◆ Motorization ◆

Type	Engine mark	Engine type	RPM	Power kW	cyl. N°	Displac. cc.	Starter	Auton. h	Fuel
W61MVM2+TT	VM	SUN2105	1700	20	2	1992	electric	18	diesel
W61MVM3+TT	VM	SUN3105	1900	35	3	2987	electric	12	diesel
W61MDZ2+TT	DEUTZ	F2L1011	1500	15	2	1370	electric	20	diesel
W61MDZ3+TT	DEUTZ	F3L1011	1800	23	3	2050	electric	14	diesel

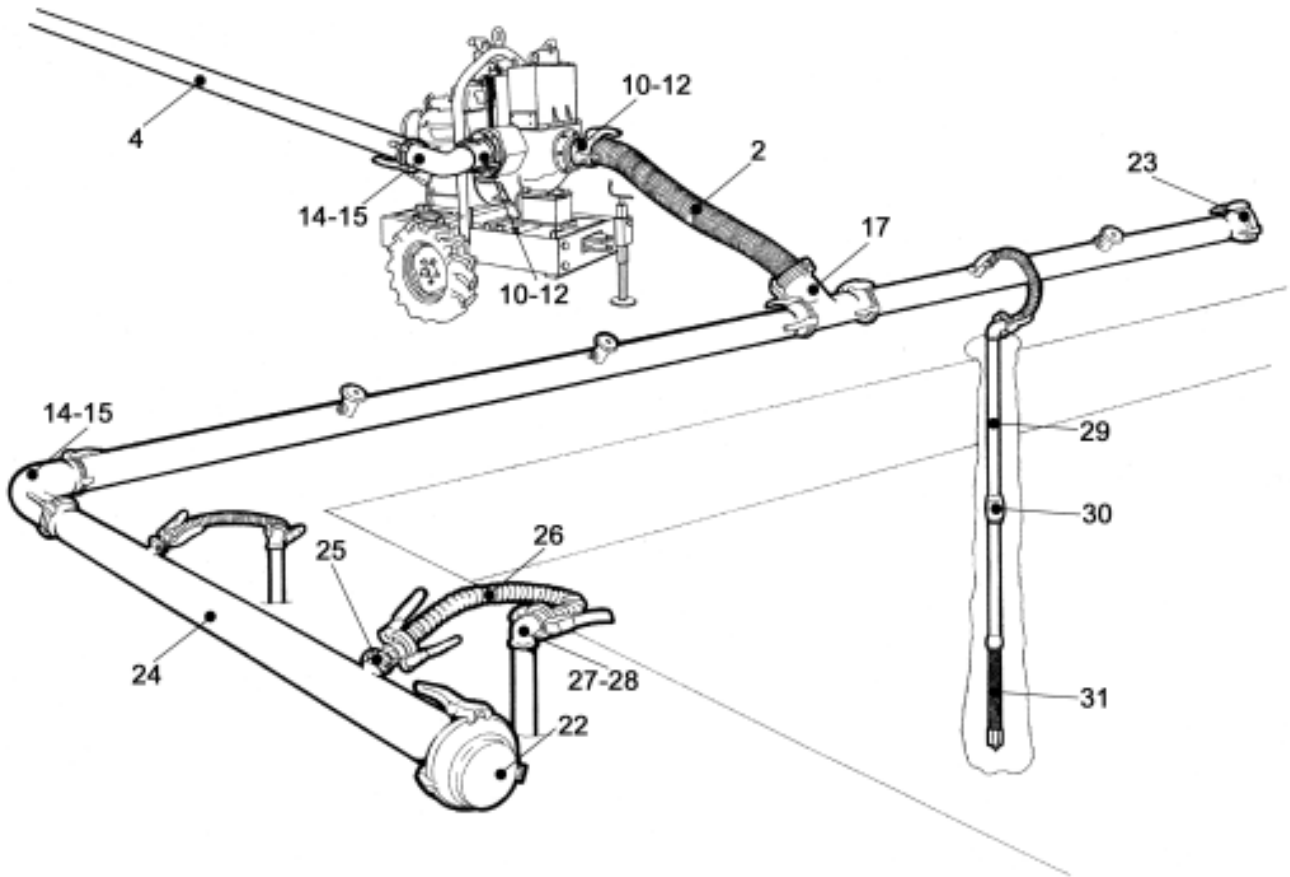
◆ Dimensions ◆



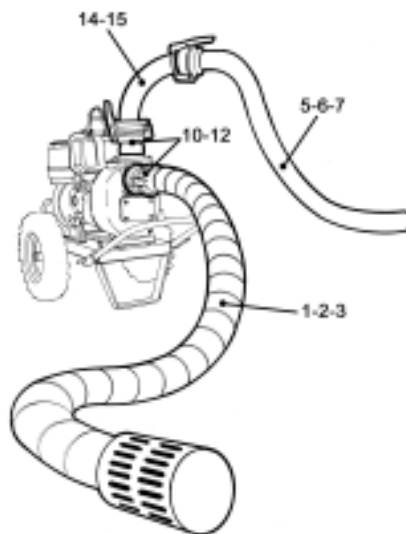
Type	A	B	C	D	weight kg.
W61MVM2+TT	1000	2400	1725	1510	840
W61MVM3+TT	1000	2600	1725	1710	995
W61MDZ2+TT	1000	2400	1725	1510	795
W61MDZ3+TT	1000	2600	1725	1710	950

Dimensions in mm, not binding

Standard wellpoint system

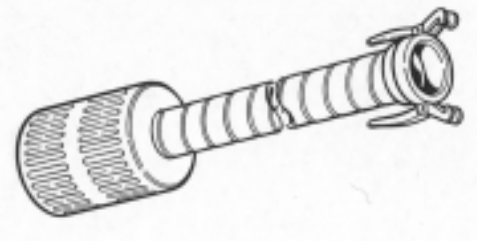
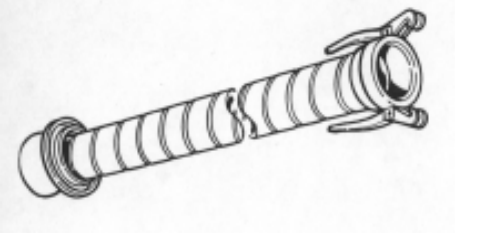
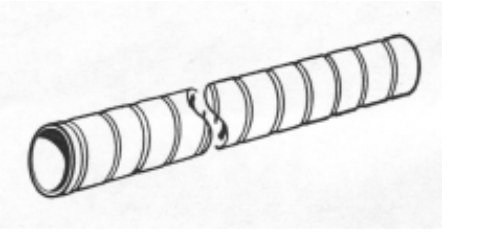
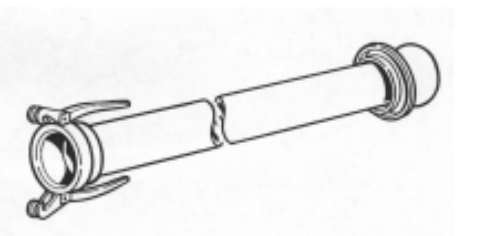
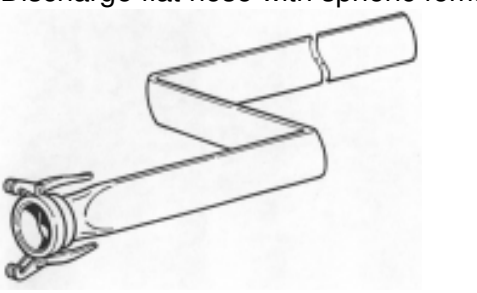


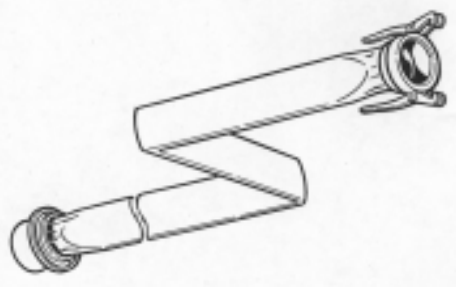
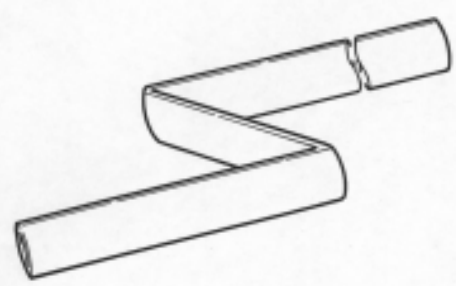



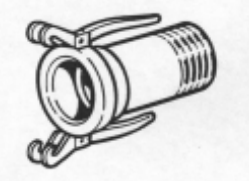
Engine-driven pump



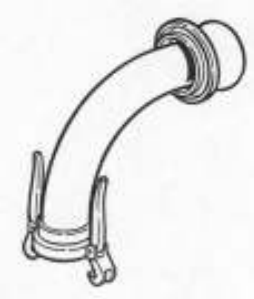

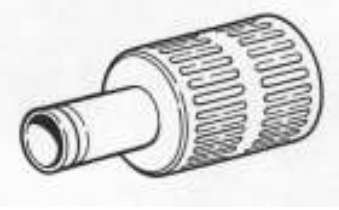
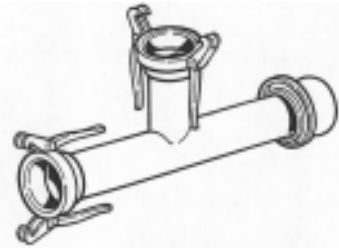





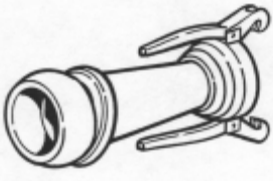


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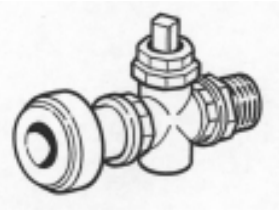



Accessories

REF.	PART DENOMINATION	DIMENSIONS	CODE
1	Suction hose with strainer, in PVC with steel spiral and spheric female coupling 	L x Ø 6 x 40 6 x 50 6 x 60 6 x 80 6 x 100 6 x 150	TUA40x6S+F TUA50x6S+F TUA60x6S+F TUA80x6S+F TUA100x6S+F TUA150x6S+F
2	Suction hose in PVC with steel spiral and spheric male/female couplings 	L x Ø 6 x 30 6 x 40 6 x 50 6 x 60 6 x 80 6 x 100 6 x 150	TUA30x6S TUA40x6S TUA50x6S TUA60x6S TUA80x6S TUA100x6S TUA150x6S
3	Suction hose in PVC with steel spiral 	Ø 30 40 50 60 80 100 150	TUA30 TUA40 TUA50 TUA60 TUA80 TUA100 TUA150
4	Discharge pipe with spheric male/female couplings 	L x Ø 6 x 150	
5	Discharge flat hose with spheric female coupling 	L x Ø-bar 10 x 40-10 10 x 50-10 10 x 80-8 10 x 100-8 10 x 150-4	

REF.	PART DENOMINATION	DIMENSIONS	CODE
6	Male / female jetting hose 	L x Ø-bar 10 x 50-10 10 x 80-6	MAFH50x10S MAFH80x10S
7	Discharge flat hose 	Ø-bar 40-10 50-10 80-08 100-08 150-4	MA40M MA50M MA80M MA100M MA150M
8	Male hose fitting 	Ø x Ø 50 x 40 50 x 50 50 x 60 80 x 80 100 x 100 150 x 150 200 x 200 250 x 250	PC160600 PC160601 PC160602 PC210908 PC210910 PC210915 PC210920 PC210925
9	Female hose fitting 	Ø x Ø 50 x 40 50 x 50 50 x 60 80 x 80 100 x 100 150 x 150 200 x 200 250 x 250	PC160700 PC160701 PC160702 PC211008 PC214010 PC211014 PC211020 PC211025
10	Threaded male coupling 	Ø x Ø gas 50 x 1¼" 50 x 1½" 50 x 2" 80 x 3" 100 x 4"	PC602601 PC602601 PC602603 PC221111 PC221117
11	Threaded female coupling 	Ø x Ø gas 50 x 1¼" 50 x 1½" 50 x 2" 80 x 3" 100 x 4"	PC221710 PC221711 PC221712 PC221211 PC221217

REF.	PART DENOMINATION	DIMENSIONS	CODE
12	Flanged male coupling 	\varnothing x DN 150 x 150 200 x 200 250 x 250	PC220316 PC220320 PC220325
13	O - ring 	\varnothing 50 80 100 150 200 250	
14	90° elbow 	\varnothing 50 80 100 150 200 250	PC400905 PC400908 PC400910 PC400915 PC400920 PC400925
15	45° elbow 	\varnothing 50 80 100 150 200 250	PC401005 PC401008 PC401010 PC401015 PC401020 PC401025
16	Bottom strainer 	\varnothing 40 50 60 80 100 150 200	PC210131 PC210132 PC210133 PC210255 PC210135 PC210258 PC210259
17	Female / female / male Tee fitting 	\varnothing 80 100 150 200	PC400430 PC400430 PC400431 PC400435

REF.	PART DENOMINATION	DIMENSIONS	CODE
18	Male / female gate valve 	∅ 40 50 80 100 150	
19	Male / male inverter coupling 	∅ 50 80 100 150	
20	Female / female inverter coupling 	∅ 50 80 100 150	
21	Male / female reducer 	M∅ x ∅F 100 x 80 120 x 100 150 x 100 150 x 120 200 x 150 80 x 100 100 x 120 100 x 150 120 x 150 150 x 200	PC402103 PC402105 PC402106 PC402108 PC402111 PC402003 PC402005 PC402006 PC402008 PC402011
22	Male cap 	∅ 50 80 100 150 200	PC402305 PC402308 PC402310 PC402315 PC402320
23	Female cap 	∅ 50 80 100 150 200	PC402205 PC402208 PC402210 PC402215 PC402220

REF.	PART DENOMINATION	DIMENSIONS	CODE
24	Cock assembly 	Ø 50 x 1¼"	
25	Manometer D.63/glycerine/att. rad. ¼" gas 	bar 0 ÷ 16	W9010378
26	Vacuummeter D.63/glycerine/att. rad. ¼" gas 	bar -1 ÷ 0	W9010114
27	Threaded plug 	Ø 1¼" 1½"	