





FA-SA is a wide up-dated production range, suitable for both indoor and outdoor applications, including high-pressure cleaners to vacuum cleaners, wet & dry vacuum cleaners, floor sweepers as well as floor scrubber-driers, carpet cleaners, and cleaners.

www.fa-sa.it

FA-SA is on line offering a website rich with information about the company and its products. The site is easy to explore thanks to a navigation system organised around simple and straightforward steps, with continually updated data.

www.fa-sa.it

also features a B2B service enabled by accessing a reserved area after registering your own personal password. Orders are simple to make and send, ensured by the speed with which it is possible to consult our products and thanks to our "shopping basket" feature. The site also includes a series of instant icons to review and check the status of your order as well as see past orders.





HOBBYLINE



Cold and hot water high-pressure
cleaners

Compact, handy, ideal for any outdoor cleaning requirement, DIY of high-pressure cleaners is showing its extreme versatility by granting top quality performance, reliability and ease of use. The perfect balance among performance, design and ergonomics makes FA-SA high pressure cleaners an irreplaceable instrument for working, both in DIY and in professional sectors. The complete set of accessories enables applications and usage of the products to be enlarged, by making them functional for any need to wash, hygienise, degrease and disinfest, in a short time and comfortably, any external surface.

Sound

cod. 8.084.0010C



House

- Three steel pistons, aluminium axial pump head with built-in by-pass valve.
- Automatic Stop System
- Trolley with ergonomic handle
- Power cable with plug

Standard equipment:

- Gun with quick connection
- 6 m high pressure hose
- High pressure lance with fan jet
- Turbo lance
- Foam lance + bottle
- Patio cleaner

House

cod. 8.072.0634C



Sound

- Three steel pistons, aluminium axial pump head with built-in by-pass valve.
- Automatic Stop System
- Trolley with ergonomic handle
- Power cable with plug

Standard equipment:

- Gun with quick connection
- 4 m. high pressure hose
- High pressure lance with fan jet
- Turbo lance
- Foam lance + bottle



Technical data:	Sound	House
Code	8.084.0010C	8.072.0634C
bar max	110	120
PSI max	1595	1740
l/h max	330	330
kW	1.5	1.7
Voltage	230V~50Hz	230V~50Hz

Cold water high-pressure cleaners



Mambo

- Three steel pistons, aluminium pump head with built-in by-pass valve
- Trolley with ergonomic handle and accessory holder
- Detergent built-in tank for direct suction
- Hose holder
- Cable holder
- Automatic Stop System

Standard equipment:

- Gun with quick connection
- High pressure hose m 8
- High-pressure lance with adjustable fan jet plus high/low pressure regulation
- Turbo lance
- Rotary brush

Mambo

cod. 8.073.0020



Exxel

cod. 8.062.0815



Exxel

- Three steel pistons, aluminium axial pump head with built-in by-pass valve
- Trolley with ergonomic handle and accessory holder
- Detergent built-in tank for direct suction
- Hose holder
- Cable holder
- Side holder to site lance and gun matched together (ready for use)
- Automatic Stop System

Standard equipment:

- Gun with quick connection
- High pressure hose m 8
- High-pressure lance with adjustable fan jet plus high/low pressure regulation
- Turbo lance



Technical data:	Mambo	Exxel
Code	8.073.0020	8.062.0815
bar max	130	130
PSI max	1885	1885
l/h max	420	450
kW	1.9	2.1
Voltage	230V~50Hz	230V~50Hz



Techno 140

cod. 8.086.0009C



Techno 140

- Three pistons, aluminium pump head with built-in by-pass valve.
- Automatic Stop System • Ergonomic handle with accessory holder
- Cable holder

Standard equipment:

- Gun with quick connection • High pressure hose 6 m
- Adjustable fan jet lance • Turbo lance • Foam lance

Technical data:	Techno 140	Fox
Code	8.086.0009C	8.074.0007
bar max	140	145
EWbar*	200	200
l/h max	450	480
kW	1.9	2.4
Voltage	220-230V~50/60Hz	230V~50Hz

Fox

- Three steel pistons, aluminium pump head with built-in by-pass valve • Trolley with ergonomic handle and accessory holder
- Detergent built-in tank for direct suction
- Hose holder • Cable holder • Side holder to site lance and gun matched together (ready for use) • Automatic Stop System

Standard equipment:

- Gun with quick connection • High pressure hose m 8 • High-pressure lance with djustable fan jet plus high/low pressure regulation
- Turbo lance



Fox

cod. 8.074.0007



Cold water high-pressure cleaners



Techno 150

- Three pistons, aluminium pump head with built-in by-pass valve
- Automatic Stop System • Ergonomic handle with accessory holder
- Cable holder

Standard equipment:

- Gun with quick connection • High pressure hose 6 m
- Adjustable fan jet lance • Turbo lance • Foam lance
- Fixed brush



Techno 150
cod. 8.086.0010C



Techno 160
cod. 8.086.0011C



Techno 160

- Three pistons, aluminium pump head with built-in by-pass valve. • Automatic Stop System
- Ergonomic handle with accessory holder
- Cable holder • Hose reel

Standard equipment:

- Gun with quick connection • High pressure hose 8 m • Adjustable fan jet lance • Turbo lance • Foam lance • Rotary brush

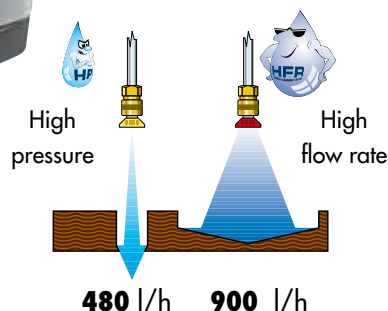
- Available model with patio cleaner code 8.086.0043C



Technical data:	Techno 150	Techno 160
Code	8.086.0010C	8.086.0011C
bar max	150	160
l/h max	450	510
kW	2.1	2.5
Voltage	220-230V~50/60Hz	220-230V~50/60Hz

Niagara

cod. 8.070.0006



High pressure for tough dirt
high flow rate for cleaning dirt off
large surface areas

Progressive

- Three steel pistons, brass pump head with built-in by-pass valve
- Full assembled (ready for use)
- Trolley with ergonomic handle and accessory holder
- Detergent built-in tank for direct suction
- Hose holder
- Cable holder
- Side holder to site lance and gun matched together (ready for use)
- Automatic Stop System

Standard equipment:

- Gun with quick connection
- Steel reinforced high pressure hose m 8
- Metal lance with nozzle quick connection
- 4 nozzles
- Turbo lance

Progressive

cod. 8.078.0008



Niagara

- Three high durability steel pistons, aluminium axial pump head, with professional built-in by-pass valve.
- Wobble plate with adjustable angle
- Detergent built-in tank for direct suction.
- Easy starter valve.
- Automatic Stop System,
- Hose-reel

Standard equipment:

- Gun with quick connection
- Metal lance with nozzle quick connection
- 4 Nozzles
- 8 mt h.p. hose. with quick coupling.

Technical data:	Niagara	Progressive
code	8.070.0006	8.078.0008
bar max	145	160
l/h max	da 480 a 900	510
kW	2,4	2,8
Voltage	230V~50Hz	230V~50Hz

Hot water high-pressure cleaners



Kappa A
cod. 8.052.0803

**INDUCTION
MOTOR POWERED**

Kaiman

- Three high durability steel pistons, brass axial pump head with built-in by-pass valve
- Double motor (pump and burner)
- Vertical burner with high thermal efficiency steel coil
- Temperature regulation gauge
- Glycerine pressure gauge
- Automatic Stop System
- Detergent built-in tank for direct suction
- Power cable with plug

Standard equipment:

- Gun
- Reinforced high pressure hose m 8
- High-pressure lance with adjustable fan jet plus pressure regulation

**INDUCTION
MOTOR POWERED**



Kaiman
cod. 8.619.0608

**BRASS
PUMP**



Kappa A

- Burner regulation, optimized combustion
- Double motor (pump and burner)
- Three high durability steel pistons, aluminium axial pump head with built-in bypass valve
- Vertical burner with high thermal efficiency steel coil
- Safety valve
- Automatic temperature regulation
- Ergonomic handle complete with detergent tank and accessory holder (lance, gun, h.p. hose, cable)
- Automatic Stop System
- Direct detergent suction with built-in tank
- Power cable with plug

Standard equipment:


















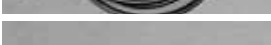


- Gun
- Reinforced high pressure hose m 8
- High-pressure lance with adjustable fan jet plus high/low pressure regulation

Technical data:	Kappa A	Kaiman
code	8.052.0803	8.619.0608
bar max	145	150
l/h max	450	570
kW	2,3	3
RPM	2800	2800
Temp. max	90° C	90° C
Voltage	230V~50Hz	230V~50Hz

	6.010.0089	Gun with quick connection	
	6.010.0044	S'01EU gun with 1/4" connection	
	6.010.0043	Detergent diffuser + tank, quick connection	
	6.010.0064	Foamer: high pressure lance/high pressure detergent sprayer	  
	6.010.0046	S99 fixed lance Ø 1,15	 
	6.010.0047	S99 lance with adjustable fan jet plus high/low pressure Ø 1,15	  
	6.010.0048	SY'99 lance with adjustable fan jet plus high/low pressure Ø 1,15	  
	6.010.0050	S99 turbo lance Ø 1,10	
	6.010.0049	Brass turbo lance Ø 1,2	
	6.010.0051	Prolunga tubo A.P. 8 m - 1/4" F	 
	6.010.0053	High pressure hose 6 m extension	 
	6.010.0039	6 m pipe-cleaning hose	 
	6.010.0095	10 m pipe-cleaning hose	 
	6.010.0052	15 m pipe-cleaning hose	 
	6.010.0040	sand blasting lance	
	6.010.0038	fixed brush	
	6.010.0037	rotary brush	
	6.010.0054	floor washing brush Ø 2,8	
	6.008.0151	the patio cleaner SKATER	
	6.010.0041	3 universal adapters set	
	6.010.0100	Water filter 3/4 F	
	6.010.0099	Antifreeze set	

Accessories for cold water high-pressure cleaners















	code	description	Sound	House	Mambo	Excel	Techno 140	Fox	Techno 150	Techno 160	Progressive	Niagara
	6.001.0073	S'09 gun with quick connection	S	S	S	S	S		S	S		
	6.001.0083	S'09 gun with quick connection, 1/4" M connection adapter	O	O	O	O	O		O	O		
	6.005.0322	S'09 gun kit with hose 6 m	O	O	O	O	O		O	O		
	6.001.0078	Gun S'10Y						S			S	S
	4.018.0094	High pressure hose 4 m,quick connection	S	O	O	O						
	4.018.0095	High pressure hose 6 m,quick connection		S	O	O	S		S			
	4.018.0096	High pressure hose 8 m,quick connection		O	S	S	O		O	S		SA
	4.018.0067	High pressure hose 8 m,quick connection (professional hose)		O	O	O	O		O	O	S	
	4.018.0073	High pressure hose 8 m, 1/4" F connection						SA				
	6.002.0326	S'02V fixed lance Ø 0,9	S	S								
	6.002.0215C	S'99 lance with adjustable fan jet plus high/low pressur Ø 1,00			S	S	S		S	S		
	6.002.0186	SY'99 lance with adjustable fan jet plus high/low pressur Ø 1,20									O	
	6.002.0185	SY'99 lance with adjustable fan jet plus high/low pressur Ø 1,15						S				
	6.010.0064	Foamer: high pressure lance/high pressure detergent sprayer	O	O	O	O	O	O	O	O	O	O
	6.002.0329	turbo lance S'01 Ø 1,025	S	S	S	S	S		S	S		
	6.002.0223	brass turbo lance Ø 1,20						S			S	
	6.002.0325	Lance with quick connection nozzle						O			S	S
	5.012.0298	4 nozzle set						O				S
	5.012.0281	5 nozzle set									S	
	6.002.0203	curved lance	O	O	O	O	O	O	O	O	O	O
	6.002.0177	sand blasting lance	O	O	O	O	O	O	O	O	O	O
	6.003.0037	6 m pipe-cleaning hose	O	O	O	O	O	O	O	O	O	O
	6.003.0048	10 m pipe-cleaning hose	O	O	O	O	O	O	O	O	O	O
	6.003.0052	15 m pipe-cleaning hose	O	O	O	O	O	O	O	O	O	O
	3.601.0033	fixed brush	O	O	O	O	O	O	S	O	O	O
	3.601.0091	rotary brush	O	O	S	O	O	O	O	S	O	O

S = standard equipment

O = optional

SA = standard in hose reel

	code	description	Sound	House	Mambo	Exxel	Fox	Techno 140	Techno 150	Techno 160	Progressive	Niagara
	5.012.0319	suction kit			O	O	O	O	O	O	O	O
	6.002.0259	detergent diffusor + tank	S	S	O	O	O	S	S	S	O	
	4.006.0062	quick hose coupling 1/4" M x M22	O	O	O	O	O	O	O	O	O	O
	3.100.0082	quick hose coupling	S	S	S	S	S	S	S	S	S	S
	3.100.0062	quick hose coupling	O	O	O	O	O	O	O	O	O	O
	5.009.0486	3m plastic water inlet	O	O	O	O	O	O	O	O	O	O
	3.102.0011	suction filter 3/4 F - 3/4 M	O	O	O	O	O	O	O	O	O	O
	6.002.0332	Turbo lance Ø 1,25									O	
	3.100.0405	Water filter 3/4 F	O	O	O	O	O	O	O	O	O	O
	6.008.0148	CAR WASH set	O	O	O	O	O	O	O	O	O	
	6.008.0205	GARDEN set	O	O	O	O	O	O	O	O	O	
	6.008.0204	OUTDOOR set	O	O	O	O	O	O	O	O	O	

S = standard equipment

O = optional

Accessories for hot water high-pressure cleaners



			Kappa A	Käimän
	6.001.0071	S'09C gun 3/8" M22		S
	3.700.0037	Gun 21 MPA	S	
	3.700.0025	RL 30 gun 3/8" M - 1/4" F (*)	O	O
	4.618.0049	High pressure hose 8 m M22 - 3/8" F	S	S
	6.002.0309	lance with adjustable fan jet plus high/low pressur M 22 Ø 1,10	S	
	6.002.0316	lance with adjustable fan jet plus high/low pressur M 22 Ø 1,20		
	3.701.0015	700 mm lance 1/8" F high/low press.	O	S
	6.602.0049	High-Low pressure lance 1700 mm - 1/4" M (*)	O	O
	3.501.0032	2000 mm lance - 1/4" M high/low press. (*)	O	O
			O	O
	6.002.0202	brass turbo lance LWS M22 1,1	O	
	6.002.0246	brass turbo lance LWS M22 1,2		O
	6.602.0006	turbo lance type 1 M22 (max 11,5 l/min)	O	O
	6.602.0027	sand blasting lance M22 040 WIDIA	O	O
	6.003.0015	6 m pipe-cleaning hose M22	O	O
	6.003.0018	10 m pipe-cleaning hose M22	O	O
	6.603.0004	rotary brush M22	O	O
	3.103.0035	pipe-cleaning nozzle 3/8"	O	O
	3.103.0048	H.P. nozzle 15035 1/8" M		S
	4.606.0053	quick hose coupling M22 - 3/8" (**)	O	O
	3.100.0082	Inlet quick coupling	S	S
	3.102.0011	Water Filter 3/4 F - 3/4 M	O	O

S = standard equipment

O = optional

PROFESSIONAL LINE



Cold and hot water high-pressure
cleaners

Efficiency, reliability, safety and ease of use are the basic factors for a careful selection of a professional product. On the ground of these standards, FA-SA has conceived professional line high-pressure cleaners, in order to match, through high-tech products, perfect hygiene and clean with time/ labour saving. Suitable for different uses and ideal in several sectors like:

- Agriculture: cleaning and maintenance of machinery, farm tractors, stable and milking shed, silos and tanks.
- Primary and secondary building: hard daily works as cleaning of earth-moving equipments, cranes, cement mixers; sand-blasting and cleaning of plasters and façades;
- Petrol stations, motor shows and car-washing areas;
- Cleaning contractors, where efficiency of FA-SA products reaches top of its versatility.

Cold water high-pressure cleaners



Antartic LP cod. 8.666.0003



Antartic LP

- Three S/S pistons alluminium linear pump head with built-in by-pass valve
- Suction and delivery inox steel valves
- Automatic Stop System
- Direct detergent suction with built-in tank
- Glycerine pressure gauge
- Pressure regulator
- Trolley with ergonomic handle and hose reel
- Power cable m 5

Standard equipment:

- High pressure gun
- Lance M22 with nozzle holder
- High pressure hose m 10
- High pressure nozzle set



Technical data:

Antartic 1109 LP

Code	8.666.0003
Operat. pressure bar	110 (max 140)
Delivery rate	540
Absorbed power	2,3
RPM	2800
Voltage	230V~50Hz





Bering XP

Bering XP

- Cold water high-pressure cleaner with 2 poles electrical motor (2800 RPM) with thermal protection
- Axial pump with brass head and three stainless steel pistons with built-in by-pass valve
- Built-in detergent tank
- Lance with nozzle quick connection + set of 5 nozzles: suction of the detergent and different angles of the jet, 0°, 15°, 25°, 40°
- Ergonomic handle
- Accessory holder
- Cable support
- Hose reel
- Pressure regulator

Standard equipment:

- High pressure gun with quick swivel coupling
- Lance with nozzle quick connection
- Set of 5 nozzles
- Power cable 5 m
- High pressure hose 10 mt

Technical data:	Bering 1509 XP	Artic 1211 XP
Code	8.663.0004	8.613.0012
Operating pressure bar	150 (max 190)	120 (max 150)
Operating pressure psi	2175 (max 2755)	1740 (max 2175)
Delivery rate l/h	450÷540	660 l/h
Absorbed power kW	2,8	3,3
RPM	2800	2800
Voltage	230V~50Hz	230V~50Hz

Artic XP



Artic XP

- Three ceramic coated pistons, brass axial pump head with built-in by-pass valve
- Low voltage and delayed Total Stop (three phase model)
- Suction and delivery S/S valves
- Detergent built-in tank for indirect suction
- Pressure regulator
- Glycerine pressure gauge
- Hose-reel
- Accessory holder
- Ergonomic handle.

Standard equipment:

- High pressure gun with quick swivel coupling
- Lance with nozzle quick connection
- Set of 5 nozzles
- Power cable 5 m
- High pressure hose 10 mt



Cold water high-pressure cleaners



NEW



Caspian LP



Caspian LP

- Cold water high-pressure cleaner with 4 poles electric motor (1450 RPM) with thermal protection.
- Linear pump with brass head and three ceramic coated pistons with built-in by-pass valve.
- Lance with nozzle quick connection + set of 5 nozzles: suction of the detergent and different angles of the jet, 0°, 15°, 25°, 40°.
- Cable support
- Built-in detergent tank.
- Ergonomic handle
- Pressure regulator
- Hose reel
- Glycerine pressure gauge

Standard equipment:

- High pressure gun with quick swivel coupling
- Lance with nozzle quick connection
- Set of 5 nozzles
- Power cable 5 m
- High pressure hose 8 m

Technical data:	Caspian 1209 LP
Code	8.665.0016
Operating pressure bar	120 (max 150)
Operating pressure psi	1740 (max 2175)
Delivery rate l/h	510
Absorbed power kW	2,3
RPM	1450
Voltage	230V~50Hz



Ocean LP

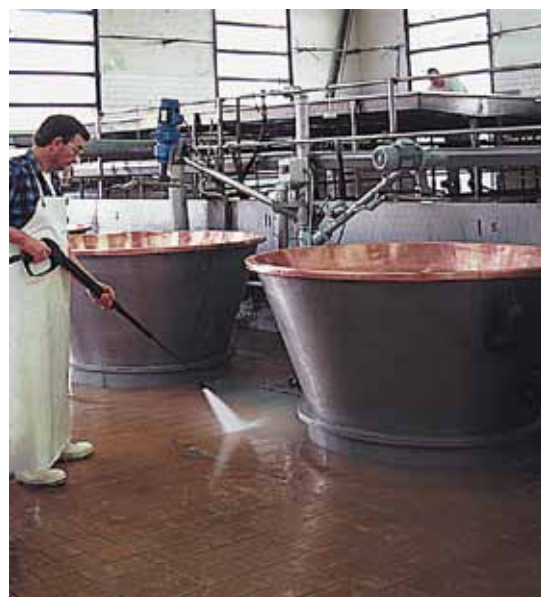


OPTIONAL

AUTOMATIC STOP

WATER COOLING

Model: 1515-2015



Ocean LP

- 4 poles electrical motor (1450 RPM) with thermal protection and water cooling motor (1515-2015)
- Three ceramic coated pistons (1211/1510), full ceramic pistons (1515/2015)
- brass linear pump head with built-in by-pass valve.
- Suction and delivery S/S valves
- Automatic Stop (1211 1510), Automatic Stop (late shut down protection 24V mod. 1515/2015)
- Detergent built-in tank for indirect suction.
- Power cable (5 m).
- Pressure regulator.
- Glycerine pressure gauge.

Standard equipment:

- High pressure gun
- High pressure lance with fan jet
- High pressure hose m 8 (1211-1510), High pressure hose m 10 (1515-2015)

Optional:

- Hose reel cod. 6.608.0021

Technical data:	Ocean 1211 LP	Ocean 1510 LP	Ocean 1515 LP	Ocean 2015 LP
Code	8.659.0004	8.659.0016	8.659.0017	8.659.0018
Operat. pressure bar	30÷120	30÷150	30÷150	30÷200
l/h	345÷660	345÷540	450÷900	450÷900
Power ass. kW	3	3	5	7
RPM	1450	1450	1450	1450
Voltage	230V~50Hz	230V~50Hz	400/415V~50Hz	400/415V~50Hz

Cold water high-pressure cleaners



Pacific LP



- High pressure gun with quick swivel coupling
- High pressure S/S lance with fan jet



Pacific LP

- 4 poles electrical motor (1450 RPM) with thermal protection and water cooling (1515-2015-2021).
- Three ceramic coated pistons (1211), full ceramic pistons (1515/2015/2021/2515)
- brass linear pump head with built-in by-pass valve
- Seat interchangeable
- Suction and delivery S/S valves.
- Automatic Stop (late shut down protection 24V mod. 1515/2015/2021)
- Detergent suction with built-in tank
- Power cable (5 m)
- Pressure regulator.
- Glycerine pressure gauge.

Standard equipment:

- High pressure gun with quick swivel coupling
- High pressure S/S lance with fan jet
- High pressure hose m 10 (8 m mod. 1211)



Easy access to all mechanical components



Models:
1515-2015
2021-2515



- Pacific 1211 LP with hose reel Cod. 8.657.0626
- Pacific 1515 LP with hose reel Cod. 8.657.0627
- Pacific 2015 LP with hose reel Cod. 8.657.0613
- Pacific 2021 LP with hose reel Cod. 8.657.0620

Technical data:	Pacific 1211 LP	Pacific 1515 LP	Pacific 2015 LP	Pacific 2021 LP	NEW Pacific 2515 LP
Code	8.657.0607	8.657.0604	8.657.0605	8.657.0617	8.657.0629
Operat. pressure bar	30÷120	30÷150	30÷200	30÷200	30÷250
l/h	320÷660	450÷900	450÷900	450÷1260	450÷900
Power ass. kW	3	5	7	9,4	8,5
RPM	1450	1450	1450	1450	1450
Voltage	230V~50Hz	400V~50Hz	400V~50Hz	400V~50Hz	400V~50Hz

Explorer LP



Explorer LP

- 4 poles electrical motor (1450 RPM) with thermal protection and water cooling.
- Three ceramic pistons, brass linear pump head with built-in by-pass valve.
- Suction and delivery S/S valves.
- Automatic Stop (late shut down protection 24V)
- Safety valve for overpressure.
- Integrated detergent suction with external suction probe
- Power cable (5 m)
- Pressure regulator
- Glycerine pressure gauge
- Tough steel main frame.

Standard equipment:

- High pressure gun
- High pressure lance with fan jet
- High pressure hose m 10

Optional:

- Hose-reel code 6.608.0017



Technical data:	Explorer 2015 LP	Explorer 2021 LP
Code	8.654.0020	8.654.0046
Operat. pressure bar	30÷200	30÷200
l/h	450÷900	630÷1260
Power ass. kW	7	9,4
RPM	1450	1450
Voltage	400V~50Hz	400V~50Hz

Cold water high-pressure cleaners with petrol engine



Clark 5 H



Clark 5 H

- Three ceramic coated pistons brass axial pump head with built-in by-pass valve.
- Suction and delivery S/S valves.
- 5 HP Honda GC 160 unleaded gasoline engine.
- Integrated detergent suction with external suction probe.
- Pressure regulator. • Glycerine pressure gauge.

Standard equipment:

- High pressure gun
- High pressure lance with fan jet
- High pressure hose m. 8

Optional:

- Hose reel

Dati tecnici:	Clark 5H	Clark 11H	Clark 13H
Codice	8.601.0108	8.601.0132	8.601.0158
Operat. pressure bar	30÷160	30÷200	30÷250
l/h	570	960	1020
Engine type	Honda CG 160	Honda GX 340	Honda GX 390
Engine HP	5	11	13

Clark 11 H/13 H



Clark 11 H/13 H

- Three ceramic pistons, brass linear pump head with built-in by-pass valve. • Suction and delivery S/S valves. • 11HP Honda GX unleaded gasoline engine.(Clark 11 H) • 13HP Honda GX unleaded gasoline engine.(Clark 13 H) • Integrated detergent suction with external suction probe.
- Pressure regulator. • Automatic RPM regulation
- RPM reducer between engine and pump
- Glycerine pressure gauge.

Standard equipment:

- High pressure gun with quick swivel coupling
- High pressure lance with fan jet
- High pressure hose m 10



Indian XP

NEW



Indian XP

- Three ceramic coated pistons, brass axial pump head with built-in by-pass valve.
- Vertical burner with high thermal efficiency steel coil.
- Suction and delivery S/S valves.
- Safety valve.
- Temperature regulation gauge.
- Glycerine pressure gauge.
- Automatic Stop System
- Auxiliary motor for burner air-cooling
- Two ways fuel pump
- Accessory holder.
- Power cable (m 5).
- Adjustable detergent delivery with built-in tank for indirect suction.

Standard equipment:

- High pressure gun
- High pressure hose 8 mt
- High pressure lance with quick fitting



Technical data:	Indian 1310 XP
Code	8.625.0017
Operat. pressure bar	130 (max 150)
l/h	600
Temp. max	90°C
Power ass. kW	3
RPM	2800
Voltage	230V~50Hz



Hot water high-pressure cleaners



Sundek5

- Three ceramic coated pistons, brass axial pump head (Sundek 30/40),t with built-in by-pass valve.
- Vertical burner with high thermal efficiency steel coil.
- Suction and delivery S/S valves.
- Safety valve.
- Temperature regulation gauge.
- Glycerine pressure gauge.
- Automatic Stop System late shut down protection 24V.
- Adjustable detergent delivery with built-in tank for indirect suction.
- Two ways fuel pump
- Low fuel lamp.
- Ergonomic handles and impact resistant covers.
- Accessory holder.
- Power cable (m 5).

Standard equipment:

- High pressure gun with rotating coupling
- High pressure hose 10 mt
- High pressure S/S lance with high /low pressure regulation
- Inlet brass quick fitting
- High pressure nozzle
- Outlet-hose quick fitting
- Header tank with

Optional:

- Hose-reel with brake.(cod. 6.608.0019)
- Header tank
- Antiscale LC-PRECAL (pcs. 4 x 5 lt.) cod. 3.697.0044



Sundek 5 XP



Technical data:	Sundek5 30	Sundek5 40
Code	8.620.0606	8.620.0607
Operat. pressure bar	30 ÷ 120	30 ÷ 150
l/h	330 ÷ 660	330 ÷ 660
Temp. max	140°C	140°C
Power ass. kW	3,2	4
RPM	2800	2800
Voltage	230 V~50 Hz	400 V~50 Hz



Sundek 5 Y

- 4 poles electrical motor (1450 RPM) with thermal protection and water cooling (three phase models).
- Three ceramic coated pistons, brass axial pump head (Sundek 30/40), with built-in by-pass valve.
- Vertical burner with high thermal efficiency steel coil.
- Suction and delivery S/S valves.
- Safety valve.
- Temperature regulation gauge.
- Glycerine pressure gauge.
- Automatic Stop System late shut down protection 24V.
- Adjustable detergent delivery with built-in tank for indirect suction.
- Auxiliary motor for burner air-cooling
- Two ways fuel pump
- Low fuel lamp.
- Ergonomic handles and impact resistant covers.
- Accessory holder.
- Power cable (m 5).

Standard equipment:

- High pressure gun with rotating coupling
- High pressure hose 10 mt
- High pressure S/S lance with high /low pressure regulation
- Inlet brass quick fitting
- High pressure nozzle
- Outlet-hose quick fitting
- Header tank

Optional:

- Hose-reel with brake. (6.608.0018)
- Antiscale LC-PRECAL (pcs. 4 x 5 lt.) cod. 3.697.0044



Sundek 5Y LP



Models:
Sundek5 55Y - 75Y

Technical data:	Sundek5 31Y	Sundek5 55Y	Sundek5 75Y
Code	8.621.0948	8.621.0942	8.621.0943
Operat. pressure bar	30 ÷ 110	30 ÷ 150	30 ÷ 200
l/h	330 ÷ 660	450 ÷ 900	450 ÷ 900
Max water temperature	140°C	140°C	140°C
Power ass. kW	3	5,5	7,3
RPM	1450	1450	1450
Voltage	230 V~50 Hz	400 V~50 Hz	400 V~50 Hz



Hot water high-pressure cleaners



Maxima LP



Maxima LP

- 4 poles electrical motor (1450 RPM) and thermal protection and water cooling
- Three ceramic pistons, brass linear pump head with built-in by-pass valve
- Suction and delivery S/S valves.
- Automatic Stop System late shut down protection 24V
- Vertical burner with high thermal efficiency
- Header tank with antiscala tank
- Adjustable detergent delivery with built-in tank for direct suction (high-pressure delivery).
- Auxiliary motor for burner air-cooling and two ways fuel pump
- Glycerine pressure gauge
- Power cable (m 5)
- Temperature regulation gauge
- Gun with swivel hose fitting
- Low voltage control switches
- Tough steel main frame

Standard equipment:

- High pressure gun with rotating coupling
- High pressure hose 20 mt
- S/S lance with nozzle holder
- Inlet brass quick fitting
- High pressure nozzle
- Outlet-hose quick fitting

Optional:

- Hose-reel with brake without hose cod. 6.608.0010
- Antiscala LC-PRECAL (pcs. 4 x 5 lt.) cod. 3.697.0044



Technical data:	Maxima 1515 LP	Maxima 2015 LP
Code	8.622.0903	8.622.0904
Operat. pressure bar	30 ÷ 150	30 ÷ 200
l/h	450 ÷ 900	450 ÷ 900
Max water temperature	140° C	140° C
Power ass. kW	5,5	7,3
RPM	1450	1450
Voltage	400V~50 Hz	400V~50 Hz

Maxima XXL LP



Maxima XXL LP

- 4 poles electrical motor (1450 RPM) with thermal protection and water cooling
- Three ceramic pistons, brass linear pump head with separate by-pass valve
- Main pump components are interchangeable with some other pump manufacturer
- Suction and delivery S/S valves
- Automatic Stop System late shut down protection 24V
- Vertical burner with high thermal efficiency (>90%) designed for high flow rates
- Anti-scale device with refilling tank
- Adjustable detergent delivery with built-in tank for direct suction (high-pressure delivery)
- Auxiliary motor for burner air-cooling and two ways fuel pump.
- Power cable (m 5)
- Temperature regulation gauge
- Gun with swivel hose fitting
- Low tension control switches
- Tough steel main frame
- Max thermal power 88 kW

Standard equipment:

- High pressure gun with rotating coupling
- High pressure hose 20 mt
- S/S lance with nozzle holder
- Inlet brass quick fitting
- High pressure nozzle
- Outlet-hose quick fitting

Optional:

- Hose-reel with brake without hose cod. 6.608.0010
- Antiscale LC-PRECAL (pcs. 4 x 5 lt.) cod. 3.697.0044



Technical data:	Maxima XXL 1521 LP	Maxima XXL 2021 LP
Code	8.623.0923	8.623.0914
Operat. pressure bar	30 ÷ 150	30 ÷ 200
l/h	630 ÷ 1260	630 ÷ 1260
Max water temperature	140° C	140° C
Power ass. kW	7,3	9,7
RPM	1450	1450
Voltage	400V~50Hz	400V~50Hz



Hot water high-pressure cleaner with combustion engine



Clark Hot 10

Hot water self-contained unit



Clark Hot 10

- Hot water self-contained unit
- Electrical start with full engine functions control
- Lombardini diesel engine 15LD400 (air cooling)
- Three ceramic pistons, brass linear pump head with separated by-pass valve
- Suction and delivery S/S valves
- Thermal safety valve on the bypass line
- Max water inlet temperature 40° C.
- Pumpmotor gearbox (1650 RPM).
- Auxiliary belt driven sturdy alternator
- Automatic engine RPM regulator
- Integrated detergent suction with external suction probe
- Pressure regulator.
- Glycerine pressure gauge.
- Unique diesel tank for engine and burner
- Tough steel main frame

Standard equipment:

- High pressure gun with quick swivel coupling
- High pressure lance with fan jet
- High pressure hose m10

Optional:

- S/S header tank (high pressure chemical)
- Varnished soundproofing steel cover set code 6.608.0014
- Trolley set with inflateable wheels & handles code 6.608.0020



Technical data:	Clark Hot 10
Code	8.601.0109
Operat. pressure bar	30÷170
l/h	1020
Max water temperature	140° C
RPM pump	1650
Engine type	Lombardini diesel
Engine HP	10

Clark Hot 17

Hot water self-contained unit with integrated electric generator



Clark Hot 17

- Hot water self-contained unit with integrated electric generator and max 1,5 kW fixed socket.
- 17 HP Lombardini 2 cylinder water cooled diesel engine with electric start, complete with panel with engine function led and automatic power cut-off.
- Three ceramic pistons, brass linear pump head with separated by-pass valve.
- Suction and delivery S/S valves.
- Max water inlet temperature 40° C.
- Belt driven pump (1450 RPM).
- Automatic engine RPM regulator
- Manual power control
- Loose by-pass outlet
- Pressure regulator.
- Glycerine pressure gauge.
- Flow rate regulator
- Unique diesel tank for engine and burner
- Tough steel main frame

Standard equipment:














- High pressure gun with quick swivel coupling
- High pressure lance with fan jet
- High pressure hose m 10



- Available on request sound proofing steel model: CLARK HOT 17 SILENCED

Technical data:	Clark Hot 17
Code	8.601.0058
Operat. pressure bar	30÷200
l/h	1320
Max water temperature	30÷140° C
RPM pump	1600
engine type	Lombardini diesel
Motor HP	17

			ANTARCTIC 1100 LP	BERING 1509 XP	ARTIC 1211	CASPIAN 1200 IP	OCEAN 1211 LP	OCEAN 1510 LP	OCEAN 1515 LP	OCEAN 2015 LP	PACIFIC 1211 LP	PACIFIC 1515 LP RA	PACIFIC 2015 LP RA	PACIFIC 2021 LP RA	PACIFIC 2515 LP RA	EXPLORER 2015 LP RA	EXPLORER 2021 LP RA	CLARK 5H	CLARK 11H	CLARK 13H	INDIAN 1310 XP	SUNDEK 30	SUNDEK 40	SUNDEK 31Y	SUNDEK 55Y	SUNDEK 75Y	MAXIMA 1515 LP	MAXIMA 2015 LP	MAXIMA XXL 1521 LP	MAXIMA XXL 2021 LP	CLARK HOT 10	CLARK HOT 17		
	6.601.0002	Gun RL 37 3/8\" M - M22 with pressure regulator																																
	6.001.0089	Gun S'10 Y - with quick connection	S	S		S																												
	3.700.0036	Gun 3/8\" - M22			S		S	S			S							S	S			S	S	S	S									
	3.700.0025*	Gun RL 30 3/8\" M - 1/4\" F																																
	3.700.0022	Gun RL 55 3/8\" M - M24																			S													
	6.601.0001	Gun PRO S'10 3/8\" M - with quick connection											S	S	S	S			S						S	S	S	S	S	S	S	S	S	
	6.601.0003	Gun PRO S'10 3/8\" M - with radio control																																
	4.618.0049	Hose A.P. 8 m - 3/8\" M22 - Ø 1/4\"					S	S											S			S												
	4.618.0143	Hose A.P. 10 m - 3/8\" - Ø 5/16\" with quick rounded connection 3/8\" - 310 bar							S	S	S	S	S	S	S	S	S		S			S	S	S	S								S	
	4.618.0153	Hose A.P. 20 m - 3/8\" - Ø 5/16\" - 310 bar - quick connection 1/2- girevole 3/8\"																																
	4.618.0012	Hose A.P. 10 m - 3/8\" - Ø 5/16\" - 310 bar																																
	4.618.0056	Hose A.P. 20 m - 3/8\" - Ø 5/16\" - 400 bar																																
	4.618.0057	Hose A.P. 20 m - 3/8\" - Ø 3/8\" - 400 bar																																
	4.618.0058	Hose A.P. for food industry m.10 - 3/8\" - Ø 3/8\" - 400 bar																																
	4.618.0059	Hose A.P. for steam - 3/8\" - Ø 3/8\" MAX 135°C																																
	4.618.0128	Hose A.P. 8 m - Ø 1/4\"	S																															
	4.618.0020	Hose A.P. 10 m - 3/8\" - Ø 5/16\" - 400 bar 5/16\"																				S												
	4.018.0105	Hose A.P. 10 m - 3/8\" - 1/4\" F - Ø 1/4\" - 210 bar		S																														
	4.618.0053	Hose A.P. 10 m - 3/8\" - 1/4\" F - Ø 1/4\"			S	S																												
	6.608.0019	Hose reel kit (without hose) for SUNDEK																																
	6.608.0018	Hose reel kit (without hose) for SUNDEK Y																																
	6.608.0010	Hose reel kit (without hose) for MAXIMA																																
	6.608.0022	Wall mount hose reel kit (without hose)																																
	6.608.0053	Hose reel kit (without hose) for PACIFIC																																
	6.608.0017	Hose reel kit (without hose) for EXPLORER																																
	6.608.0021	Hose reel kit (without hose) for OCEAN																																
	3.749.0481	Wall mount hose reel kit (without hose)																																
	3.749.0482	Wall mount hose reel kit with hose h.p. 30 m - 3/8\" - Ø 5/16\" - 310 bar																																
	6.602.0035	Professional fixed brush M22																																
	6.602.0036	Professional rotary brush M22																																
	6.603.0004	Rotary brush M22																																
	3.100.0043	3/8\" M rotating quick coupling																																
	3.749.0258	M24 3/8\" M rotating quick coupling																																
	3.100.0023	3/8\" - 3/8\" hose coupling																																
	4.606.0053	3/8\" - M22 hose coupling																																
	4.006.0062	1/4\" - M22 hose coupling																																
	3.100.0018	1/2\" - 3/8\" hose coupling																																

			AMERIC 1109 LP	BERING 1509 XP	ARCTIC 1211	CASPIAN 1209 LP	OCEAN 1211 LP	OCEAN 1510 LP	OCEAN 1515 LP	OCEAN 2015 LP	PACIFIC 1211 LP	PACIFIC 1515 LP RA	PACIFIC 2015 LP RA	PACIFIC 2021 LP RA	PACIFIC 2515 LP RA	EXPLORER 2015 LP RA	EXPLORER 2021 LP RA	CLARK SH	CLARK 11H	CLARK 15H	INDIAN 1310 XP	SUNBEK 30	SUNBEK 40	SUNBEK 31Y	SUNBEK 55Y	SUNBEK 75Y	MAXIMA 1515 LP	MAXIMA 2015 LP	MAXIMA XXL 1521 LP	MAXIMA XXL 2021 LP	CLARK HOT10	CLARK HOT17			
	3.701.0015 3.708.0001	mm 700 high/low press. lance 1/8" F (for detergent suction) mm 700 lance 1/8" F with nozzle holder			S		S	S	S	S	S					S	S	S			S	S	S												
	6.602.0322 6.602.0038	M22 lance with nozzle holder + 5.012.0281 5 nozzle M22 lance with nozzle holder + 5.012.0281 5 nozzle	S			S																													
	6.602.0049 6.602.0050 3.701.0020	mm 1700 1/4" M - 1/8" F high/low press. (for detergent suction) lance mm 1700 1/4" M - 1/8" F lance mm 1050 S/S lance with nozzle-holder 1,4" M connection	01 01			01 01	01 01	01 01	01 01			02 02	02 02	02 02	02 02	01 01	01 01	01 01	02 02			01 01	01 01	01 01	01 01	01 01	02 02	02 02	02 02	02 02	02 02	02 02	02 02	02 02	
	6.602.0043 6.602.0044	mm 900 S/S lance with quick coupling - nozzle holder 1/8" F mm 900 S/S high/low pressure lance with quick coupling - nozzle holder 1/8" F										S	S	S	S				S						S	S	S	S	S	S	S	S	S		
	6.602.0040 6.602.0041 6.602.0042	Lance turbo type 1 M22 - 045 Lance turbo type 2 M22 - 055 Lance turbo mm 500 M22 - 07		o	o	o	o	o	o	o						o	o				o	o	o	o	o									o	
	6.602.0048	Lance mm 700 1/4" with quick nozzle										o	o	o	o				o																
	3.749.0295 3.749.0466 3.749.0467	Turbo lance nozzle UR 20 045 1/4" F Turbo lance nozzle UR 20 055 1/4" F Turbo lance nozzle UR 20 070 1/4" F										03	03	03	03				03							03	03							03	
	6.608.0049 6.608.0050 6.608.0051	Sand blasting head ki 1/4" F - 045 Sand blasting head ki 1/4" F - 055 Sand blasting head ki 1/4" F - 070										03	03	03	03				03							03	03							03	
	6.602.0003 6.602.0051	Indirect foam lance M22 Foam injector lance with regulator and plastic bottle 1l.				o	o	o	o	o						o	o	o	o			o	o	o	o									o	
	3.103.0035 6.608.0047 6.608.0048 6.608.0054 6.608.0055	3/8" Professional pipe cleaning nozzle 10 m - Professional pipe cleaning kit with quick connection 20 m - Professional pipe cleaning kit with quick connection Professional pipe cleaning nozzle 10 m - M22 Professional pipe cleaning nozzle 20 m - M22	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
	3.102.0011	Water filter 3/4" F - 3/4" M 80 microns	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	
	6.602.0021 6.608.0003 6.608.0002	S/S hose/gun quick coupling set 3/8" - 3/8" 3/8" - 3/8" brass hoses/guns quick coupling set 1/4" - 1/4" brass hoses/guns quick coupling set				o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
	6.602.0027 6.602.0028 6.602.0029	M22 040 Widia sand-blasting lance M22 050 Widia sand-blasting lance M22 - 075 Widia sand-blasting lance	o	o	o	o	o	o	o	o						o	o				o	o	o	o										o	

Accessories for water high-pressure cleaners



	nozzle 0°									nozzle 15°									nozzle 25°																									
	3.103.0037	3.103.0028	3.103.0034	3.103.0029	3.103.0030	3.103.0031	3.103.0024	3.103.0025	3.103.0070	3.103.0033	3.103.0048	3.103.0049	3.103.0050	3.103.0051	3.103.0052	3.103.0053	3.103.0054	3.103.0055	3.103.0056	3.103.0057	3.103.0058	3.103.0020	3.103.0009	3.103.0016	3.103.0017	3.103.0019	3.103.0021	3.103.0066	3.103.0067	3.103.0068	3.103.0069	3.749.0200	3.749.0201	3.749.0202	3.749.0203	3.749.0204	3.749.0205	3.749.0206	3.749.0263					
	h.p. nozzle .35	h.p. nozzle .40	h.p. nozzle .45	h.p. nozzle .50	h.p. nozzle .55	h.p. nozzle .60	h.p. nozzle .65	h.p. nozzle .70	h.p. nozzle .75	h.p. nozzle .90	h.p. nozzle .35	h.p. nozzle .40	h.p. nozzle .45	h.p. nozzle .50	h.p. nozzle .55	h.p. nozzle .60	h.p. nozzle .65	h.p. nozzle .70	h.p. nozzle .75	h.p. nozzle .80	h.p. nozzle .85	h.p. nozzle .35	h.p. nozzle .40	h.p. nozzle .45	h.p. nozzle .50	h.p. nozzle .55	h.p. nozzle .60	h.p. nozzle .65	h.p. nozzle .70	h.p. nozzle .75	h.p. nozzle .90	rotary noz.max 90° G1/4 F-.040	rotary noz.max 90° G1/4 F-.045	rotary noz.max 90° G1/4 F-.050	rotary noz.max 90° G1/4 F-.055	rotary noz.max 90° G1/4 F-.060	rotary noz.max 90° G1/4 F-.065	rotary noz.max 90° G1/4 F-.070	rotary noz.max 90° G1/4 F-.090					
OCEAN 1211 LP																																												
OCEAN 1510 LP	○											S											○																					
OCEAN 1515 LP				○										S											○																			
OCEAN 2015 LP				○										S											○																			
PACIFIC 1211 LP			○										S											○																				
PACIFIC 1515 LP RA				○										S											○																			
PACIFIC 2015 LP RA				○										S											○																			
PACIFIC 2021 LP RA								○												S					○																			
PACIFIC 2515 LP RA		○										S									S			○																				
EXPLORER 2015 LP RA				○										S											○																			
EXPLORER 2021 LP RA								○												S						○																		
CLARK 11 H			○										S											○																				
CLARK 13 H			○										S											○																				
INDIAN DP	○										S											○																						
SUNDEK 5 30			○									S												○																				
SUNDEK 5 40		○										S												○																				
SUNDEK 5 31Y		○										S												○																				
SUNDEK 5 55Y					○										S												○																	
SUNDEK 5 75Y				○										S											○																			
MAXIMA 1515 LP RA					○									S											○																			
MAXIMA 2015 LP RA				○										S											○																			
MAXIMA XXL 1521 LP RA									○											S					○																			
MAXIMA XXL 2021 LP RA								○											S						○																			
CLARK HOT 10				○										S											○																			
CLARK HOT 17															S											○																		

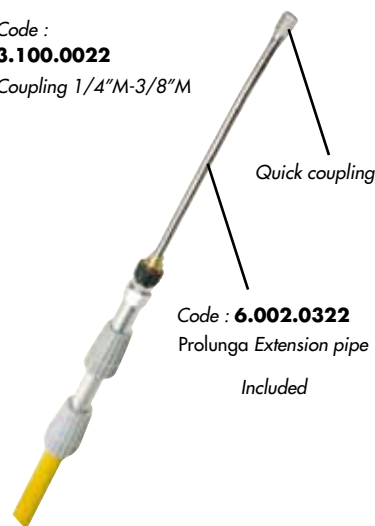
Gun with extensible telescopic lance



Code :
4.018.0067
Spare hose

Code :
3.100.0021
Coupling 1/4"M-1/4"M

Code :
3.100.0022
Coupling 1/4"M-3/8"M



Code	Pressure			Flow rate		Length		Coupling	Temperature	
	bar	psi	MPa	l/m	GPM	min. mm	max. mm		°C	°F
3.749.0488	250	3625	25	40	10.5	2000	5000	3/8"M	150	302

Quick coupling code: 4.607.0275 + adapter for nozzle 1/4" code: 3.100.0032

Quick coupling code: 4.607.0275 + adapter for nozzle 1/8" code: 3.100.0338

Double lances



Code	Pressure			Flow rate		Length		Coupling		Temperature	
	bar	psi	MPa	l/m	GPM	mm	A	B	°C	°F	
3.701.0025	250	3625	25	40	10.5	550	M22 Ø14	1/8"F	150	302	



Food hose R2 with rubber hose bend Ø 3/8"

For food industry

Code	Pressure			Length	input	Exit	Temperature max.
	bar	psi	MPa				
4.618.0058	400	5801	40	10	3/8"F	3/8"F	150



Steam hose R2 with rubber hose bend Ø 3/8"

For food industry

Code	Pressure			Length	input	Exit	Temperature max.
	bar	psi	MPa				
4.618.0059	400	5801	40	10	3/8"F	3/8"F	135

In order to complete the chemical products supply and to allow a better applicability and effectiveness, the sprayers are the perfect solution when supply wideness, use versatility and dosage saving are taken into consideration.

They are split into three different categories: pre-compression, pneumatic charge and continuous pneumatic charge.

Pre-compression sprayers don't need any separate air compressor, because the integrated manual pump is used to compress the tank and vaporize the product.

They work at low pressures, they use plastic materials for easy moving, lightness and perfectly resistant to chemical products, thanks also to FPM seals (Viton). Pneumatic charge sprayers need to be connected to an air compressor to charge the tank and allow the product vaporization without the connection to the air compressor. They work at high-pressures and so they use capacious steel or stainless steel tanks to allow a greater working autonomy. Continuous pneumatic foam sprayers need a permanent connection to an air compressor; in this way air mixes with the chemical product producing a soft and voluminous foam that persists on surfaces: with a little chemical product, it is possible to treat wider areas or tough dirt (also on ceilings, inclined and/or slippery walls).

They work at high-pressure and so they use capacious steel or stainless steel tanks to allow a greater working autonomy.



The chemical product spraying is a finishing phase of cleaning task with other machines. The choice of the right product considering the kind of cleaning task grants the best result, complying with the environment and the machine that sprays the chemical product. Our chemical products range has been conceived complying with the strictest rules protecting the environment and avoiding the indiscriminating use of products damaging the environment. The right measuring and respect of the instructions we suggest are the best balance of the economical and technical needs of each up-to-date and aware cleaning task.

Code	Model	Product	Capacity litri	Recharging	Working pressure bar	Category	Single packaging weight kg	Single packaging weight cm L x l x H	Pieces for pallet N°	Pallet dimensions cm L x l x H
0.006.0012	NP10	Sprayer	10,75	Manual	3	Belt	2,3 kg	22x22x57	70	120x80x235
0.006.0011	NP12	Sprayer	14,85	Manual	3	Trolley	4,9 kg	38x38x55	24	120x80x233
0.006.0002	NAC 24	Sprayer	24	Pneumatic	6	Trolley	17 kg	34x34x82	18	102x102x215
0.006.0003	NAC 50	Sprayer	50	Pneumatica	6	Trolley	27 kg	47x47x107	12	141x107x205
0.006.0007	FOAM 24	Foam sprayer	24	Air operating	6	Trolley	17 kg	34x34x82	18	102x102x215
0.006.0009	FOAM 24 S/S Tank	Foam sprayer	24	Air operating	6	Trolley	13 kg	34x34x82	18	102x102x215
0.006.0008	FOAM 50	Foam sprayer	50	Air operating	6	Trolley	27 kg	47x47x107	12	141x107x205
0.006.0010	FOAM 50 S/S Tank	Foam sprayer	50	Air operating	6	Trolley	20 kg	47x47x107	12	141x107x205

HOBBY LINE



Wet & dry vacuum cleaners

FA-SA domestic line of wet & dry vacuum cleaners and carpet cleaners is specially designed to provide a practical effective answer to cleaning requirements in household as well as in working and institutional places. For houses, DIY , vehicles, workshops, offices, public premises, hotels, hospitals, schools, cleaning contractors, FA-SA makes available powerful and reliable products, with innovative design, easy to handle, user friendly and compact. But, above all, safe as they comply with the European standards and are approved by the world's most demanding certificate Corporations. FA-SA wet & dry vacuum cleaners are equipped with a full set of useful and interchangeable accessories, so that they are suitable to any specific requirement.

NEW WS 20



WS 20

- Silenced motor
- Double electrical insulation
- Suction system with bypass cooling system
- Blowing function (blower)
- Accessory holders
- Steel tank
- Cable holder
- Pneumatic filter shaker

Standard equipment:

- Flexible hose 1.5 m
- 2 extension pipes
- 4 m cable with plug SCHUKO
- Multipurpose nozzle for wet & dry suction
- Flat lance
- Foam filter
- Cloth filter



Blowing function

Technical data:	WS 20
Code	8.243.0008
Motor W	1000 (max 1200)
Column depress. mbar	180
Tank capacity l.	20
Suction air l/s	30
Voltage	230V~50Hz



Dixon



SEMI-PROFESSIONAL



**WITH FILTER
MULTIFUNCTION
WASHABLE**



GTX 32 E

- Silenced motor • Suction system with by-pass coolings • S/S tank • Large accessory holder
- Plug for electric tools max 2200 W

Standard equipment:

- Flexible hose 4 mt. • Handle with air flow control • 2 x 0,45 m Ø 35 chromium-plated steel extension pipe • 5 m cable with plug SCHUKO
- Holder for floor accessories (water brush)
- Lance • Filters (cartridge, paper collector bag, sponge)

GTX 32 E

Dixon

- Two stage silenced motor • Professional closing hook • Suction system with bypass coolings • Static electric shock inhibitor.
- Shock proof trolley with accessory holder. • Liquid float valve.













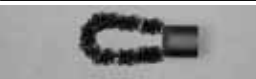

Standard equipment:

- 2,5 m - Ø 35 flexible hose, handle with air flow control • 2 x 0,45 m Ø 35 chromium-plated steel extension pipe • Lance
- Nozzle • Round brush • Holder for floor accessories • Bristle brush accessory • Water brush accessory • Washable cartridge filter • Paper collector bag

With socket for
power tools
(max 2200 W)












Technical data:	Dixon	GTX 32 E
Code	8.225.0003	8.228.0062
Motore W	1200 (max 1400)	1400 (max 1600)
Column depress. mbar	215	270
Tank capacity l.	20	30
Suction air l/s	50	70
Voltage	230V~50Hz	230V~50Hz

			WS 20	Dixon	GTX 32E
	3.753.0121	1,5 m - Ø 35 mm flexible hose with curve	S		
	5.209.0059	4 m - Ø 35 mm flexible hose			S
	5.209.0077	2,5 m - Ø 35 mm flexible		S	
	3.753.0072	0,45 m extension pipe	S		
	3.753.0009	0,5 m chromium-plated steel extension pipe	O	S	S
	3.753.0003	Handle with air flow control Ø 37 mm			S
	3.754.0249	multipurpose nozzle for wet & dry suction	S		
	3.754.0188	holder for floor accessories			S
	3.754.0168	holder for floor accessories 300 mm with closing hook		S	
	6.205.0117	holder for floor accessories + 3 brushes	O		
	3.754.0002	bristle brush (floor)			
	3.754.0191	bristle/liquids brush			S
	3.754.0169	bristle brush (floor) 300 mm		S	
	3.754.0003	brush for liquids			O
	3.754.0170	brush for liquids 300 mm		S	
	3.754.0190	accessory for liquids			
	3.754.0013	carpet brush	S		O
	3.754.0171	carpet brush 300 mm		O	
	3.754.0016	combined brush (floor-carpet-lower part steel)	O	O	O
	3.754.0015	Ø 35 round brush	O	S	O
	3.754.0004	Ø 35 nozzle	O	S	O
	3.754.0005	Ø 35 flat lance	S	S	S
	5.212.0045	brush for radiators	O	O	O
	5.212.0044	multidiameter tool adapter Ø 35÷27	O	O	O

S = Standard equipment

O = Optional

			WS 20	Dixon	GTX 32 E
	5.212.0004	5 fabric filter set (cod. 3.752.0005)		O	
	5.212.0042	3 fabric filter set (cod. 3.752.0197)		O	
	5.212.0101	3 fabric filter set (cod. 3.752.0237)	O		O
	5.212.0005	10 paper filter set (cod. 3.752.0006)	O	O	
	5.209.0009	cloth filter		O	O
	5.212.0092	Nylon filter			O
	5.212.0016	5 paper collector bag sets (3.752.0038)			
	5.212.0022	10 paper collector bag sets (3.752.0114)		O	
	5.212.0049	5 paper collector bag sets (3.752.0203)			S
	5.212.0010	HEPA filter		O	
	3.752.0046	HEPA filter		O	
	5.212.0037	HEPA filter	O		O
	5.212.0006	Cartridge filter		O	
	3.752.0041	Cartridge filter		O	
	5.212.0029	Cartridge filter	O		S
	5.212.0020	Washable filter		S	
	3.752.0073	Washable filter		O	
	5.212.0040	Washable filter	O		O
	6.205.0011	Sponge filter	S	O	
	5.212.0030	Sponge filter			S
	5.212.0097	Conversion kit for GN/GB vacuum cleaners		O	
	5.212.0098	Conversion kit for GT vacuum cleaners			O

S = Standard equipment

O = Optional

COMMERCIAL LINE



Wet & dry vacuum cleaners

WINDY range is the new line of commercial vacuum cleaners suitable for wet and dry applications: three models equipped with 2 or 3 professional single stage motor (from 2,4 up to 3,6 kW), stainless steel or anti shock plastic tank, tilting or fixed tank: WINDY are mainly designed for daily light industrial use and are perfectly suited to the most common demand of cleaning contractors, garages, workshops etc...

They are equipped with the new manual RF (reverse flow) filter cleaning system, granting high cleaning efficiency and longer lifespan of the motors.

Practical in every situation, the new WINDY range offers accessories holder, cable holder and a new rotating ON/OFF switch, simple and resistant to daily use.

Equipped with professional accessories and professional filter (HEPA available), WINDY is the answer to your requests!

Windy 265 PF



Windy 265 PF

- 2 high efficiency by pass motors. • Suction system with by-pass cooling.
- Filter cleaning system. • Plastic tank (PP). • Static electric shock inhibitor.
- Shock proof trolley. • Liquid float valve. • Cloth filter. • 7,5 m power cable. • Traceless wheels. • Accessories Ø 40. • Handy accessory holder.

Windy 265 IF



Windy 265 IF

- 2 high efficiency by pass motors. • Suction system with by-pass cooling. • Filter cleaning system. • S/S tank. • Static electric shock inhibitor. • Shock proof trolley. • Liquid float valve. • Cloth filter. • 7,5 m power cable. • Traceless wheels. • Accessories Ø 40. • Handy accessory holder.

Technical data:	Windy 265 PF	Windy 265 IF
Code	8.239.0008	8.239.0001
Motore W	2 - 2000 (2400) W	2 - 2000 (2400) W
Column depress. mbar	22 kPa/2200 mm H ₂ O	22 kPa/2200 mm H ₂ O
Tank capacity l.	65	65
Suction air l/s	130	130
Voltage	220V-240V ~ 50-60Hz	220V-240V ~ 50-60Hz

Wet & dry
vacuum cleaners



Windy 365 IR


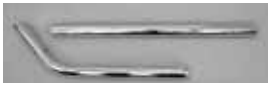






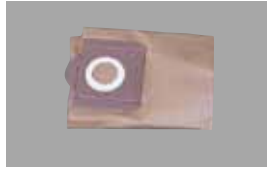


Windy 365 IR

- 3 high efficiency by pass motors • Suction system with by-pass cooling • Filter cleaning system • S/S tank • Static electric shock inhibitor • Tilting tank • Fully removable tank • Shock proof trolley • Liquid float valve • Cloth filter • 7,5 m power cable • Traceless wheels • Accessories Ø 40 • Handy accessory holder.

Technical data:	Windy 365 IR
Code	8.240.0001
Motore W	3 - 3000 (3600) W
Column depress. mbar	22 kPa/2200 mm H ₂ O
Tank capacity l.	65
Suction air l/s	195
Voltage	220V-240V ~ 50-60Hz



			Windy 265 PF	Windy 265 IF	Windy 365 IR
	5.209.0021	Ø 40 - 2,5m complete flexible hose	S	S	S
	6.205.0126	Ø 40 - chromium-plated steel curve and extension pipe kit	S	S	S
	3.754.0048	Ø 40 - flat lance 250 mm	S	S	S
	3.754.0049	Ø 40 - round brush	S	S	S
	3.754.0083	Ø 40 - 400mm holder accessories	S	S	S
	3.754.0084	floor brush 400mm	S	S	S
	3.754.0085	wet tool 400mm	S	S	S
	6.205.0151	cloth filter	S	S	S
	5.209.0177	Cloth filter for fine dust	O	O	O
	5.212.0093	Nylon filter	O	O	O
	5.212.0022	Paper collector filter set	O	O	O

S = standard equipment O = optional

PROFESSIONAL LINE



Wet & dry vacuum cleaners

The new Professional range of Labor PRO vacuum cleaners provides the solution for every kind of heavy duty daily use.

The models of the wet and dry series are equipped with 1 up to 3 double stage motor (1.2 to 3.6 kW), different tank capacities (20-35-50 and 78 l.), tilting or fixed tank and PPL antishock or stainless steel tanks. Designed to be user friendly, they are equipped with ergonomic handle, big wheels and stable trolley offering the final answer to the needs of cleaning contactors, industries, workshops, car washing station etc.

The accessories sets allowing all the different operation of wet and dry suction, are designed to be stressless for the end user (using longer extension pipes) and can easily fit and change quickly one to the other.

The antishock feature has to be considered a big advantage when metal dust, flour and all the different types of dirt creating ESD electrostatic discharge are collected inside the tank. This feature avoids shocks to the end user, making usage easier.

Wide cloth filter bag (standard) grants good performances of the motor also when it is used for a long period; HEPA, cartridge, nylon, sponge and collector bag can be equipped easily (Optional).

The filter area is reachable easily and the wide float seat grants stability on the floor during filter cleaning session.

The ANTIFOAM device (optional) must be used in case of mixture chemical/water suction, avoiding the foam to reach motor.

Domino 53 inox

- Silenced two stages motor
- Suction system with by-pass cooling
- S/S tank
- Power cable 10 mt
- Professional closing hooks
- Static electric shock inhibitor
- Shock proof trolley
- Easy standing head (during filter cleaning)
- Liquid float valve

Standard accessories:

- Ø40 flexible hose (m2,5)
- Chromium-plated steel curve
- Chromium-plated steel extension pipes
- Flat lance
- Round brush
- Holder for floor accessories
- Floor brush
- Wet tool
- Cloth filter



Delta 35 inox



**WITH FILTER
MULTIFUNCTION
WASHABLE**



Delta 35

- Two stage silenced motor
- Professional closing hook
- S/S tank
- Suction system with by-pass coolings.
- Static electric shock inhibitor.
- Shock proof trolley with accessory holder
- Liquid float valve.

Standard equipment:

- Ø35 flexible hose (m2,5)
- Chromium-plated steel curve
- Chromium-plated steel extension pipes
- Lance
- Round brush
- Holder for floor accessories
- Bristle brush accessory
- Water brush accessory
- Complete washable filter

Technical data:	Delta 35 Inox	Domino 53 inox
Code	8.222.0524	8.215.0504
Motor W	1200 (max 1400)	1200 (max 1400)
Depression mm. H2O	2200	2200
Capacity l.	35	50
Air flow l / s	54	54
Voltage	230V~50Hz	230V~50Hz



Wet & dry vacuum cleaners

Domino 78 inox



Domino 78 inox BS

- 2 Silenced two stage Motor
- Professional closing hooks
- Suction system with by-pass cooling
- S/S tank
- Tilting tank
- Fully removable tank
- Plastic handle
- Liquid float valve
- Power cable 10 mt
- Cable holder
- Ergonomic handle tank, head and trolley
- Shock proof trolley
- Easy standing head (during filter cleaning)
- Static electric shock inhibitor

Standard accessories:

- Ø40 flexible hose (m2,5)
- Chromium-plated steel curve
- Chromium-plated steel extension pipe
- Flat lance
- Round brush
- Holder for floor accessories
- Bristle brush
- Liquid brush
- Complete filter

Technical data:	Domino 78 inox	Domino 78 inox BS
Code	8.216.0504	8.213.0502
Motor W	2000 (max 2400)	2000 (max 2400)
Depression mm. H2O	2240	2240
Capacity l.	78	78
Air flow l / s	108	108
Voltage	230V~50Hz	230V~50Hz



Domino 78 inox

- 2 Silenced two stage Motor
- Professional closing hooks
- Suction system with by-pass cooling
- S/S tank
- Liquid float valve
- 10 m power cable
- Static electric shock inhibitor
- Shock proof trolley
- Ergonomic handle tank, head and trolley
- Easy standing head (during filter cleaning)

Standard accessories:

- Ø40 flexible hose (m2,5)
- Chromium-plated steel curve
- Chromium-plated steel extension pipes
- Flat lance
- Round brush
- Holder for floor accessories
- Bristle brush
- Liquid brush
- Complete filter

Domino 78 inox BS



Titano 78 PL-BS



Titano 78 PL-BS

- 3 Silenced two stage Motor
- Professional closing hooks
- Suction system with by-pass cooling
- Plastic tank (PP)
- Tilting tank
- Fully removable tank
- Liquid float valve
- 10 mt power cable
- Cable holder
- Ergonomic handle tank, head and trolley
- Easy standing head (during filter cleaning)

Standard accessories:

- Ø40 flexible hose (m2,5)
- Chromium-plated steel curve
- Chromium-plated steel extension pipe
- Flat lance
- Round brush
- Holder for floor accessories
- Bristle brush
- Liquid brush
- Complete filter

Titano 78 inox BS



Titano 78 inox BS

- 3 Silenced two stage Motor
- Professional closing hooks
- Suction system with by-pass cooling
- S/S tank
- Tilting tank
- Fully removable tank
- Plastic handle
- Liquid float valve
- Power cable 10 mt
- Cable holder
- Ergonomic handle tank, head and trolley
- Shock proof trolley
- Easy standing head (during filter cleaning)
- Static electric shock inhibitor

Standard accessories:

- Ø40 flexible hose (m2,5)
- Chromium-plated steel curve
- Chromium-plated steel extension pipe
- Flat lance
- Round brush
- Holder for floor accessories
- Bristle brush
- Liquid brush
- Complete filter

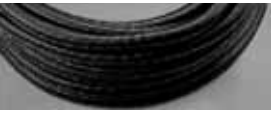











Technical data:	Titano 78 PL-BS	Titano 78 inox BS
Code	8.212.0509	8.212.0502
Motor W	3000 (max 3600)	3000 (max 3600)
Column depress. mm H ₂ O	2240	2240
Tank capacity	78 l	78 l
Suction air l/s	162	162
Voltage	230V~50Hz	230V~50Hz

Accessories vacuum cleaners

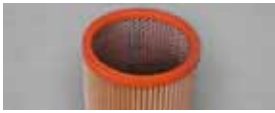







			Delta 35 inox	Domino 53 inox	Domino 78 inox	Domino 78 inox	Titano PL-BS	Titano inox BS
	5.209.0021	Ø 40 - 2,5m complete flexible hose	S	S	S	S	S	S
	5.209.0077	Ø 35 - 2,5m. complete flexible hose	S					
	5.209.0127	Ø 40 - 3,0m. complete flexible hose		O	O	O	O	O
	5.209.0082	Ø 40 - 5,0m. complete flexible hose		O	O	O	O	O
	6.205.0126	Ø 40 - chromium-plated steel curve and extension pipe kit		S	S	S	S	S
	3.753.0019	Ø 40 - chromium-plated steel curve (with 3.753.0020 only)		O	O	O	O	O
	3.753.0020	Ø 40 - 640 mm chromium-plated extension pipe (with 3.753.0019 only)		O	O	O	O	O
	6.205.0109	Ø 35 - 491 mm chromium-plated extension pipe set	S					
	3.753.0039	Ø 45 - 0,5 m. pvc extension pipe		O	O	O	O	O
	3.753.0084	Ø 35 - 1m. PVC extensible	O					
	3.753.0103	Ø 35 - 1m. chromium-plated extensible	O					
	3.754.0048	Ø 40 - flat lance 250 mm		S	S	S	S	S
	3.754.0005	Ø 35 - flat lance 200mm	S					
	3.754.0049	Ø 40 - round brush		S	S	S	S	S
	3.754.0015	Ø 35 - round brush	S					
	3.754.0083	Ø 40 - 400mm holder accessories		O	S	S	S	S
	3.754.0168	Ø 40 - 400mm holder accessories	S					
	3.754.0185	Ø 40 - 300mm holder accessories		S				
	3.754.0084	floor brush 400mm		O	S	S	S	S
	3.754.0169	floor brush 300mm	S	S				
	3.754.0085	wet tool 400mm		O	S	S	S	S
	3.754.0170	wet tool 300mm	S	S				
	3.754.0086	carpet tool 400mm		O	O	O	O	O
	3.754.0171	carpet tool 300mm	O	O				
	3.754.0046	Ø 40 coupling for flex hose (accessory side)		O	O	O	O	O
	3.752.0028	Ø 35 coupling for flex hose (accessory side)	O					
	3.754.0208	Ø 40 coupling for flex hose (accessory side)						
	3.754.0047	Ø 40 coupling for flex hose (tank side)		O	O	O	O	O
	3.752.0118	Ø 35 coupling for flex hose (tank side)	O					

S = standard equipment O = optional

			Delta 35 inox	Domino 53 inox	Domino 78 inox	Domino 78 inox	Titano PL-BS	Titano inox BS
	3.753.0038	Ø 40 - 30 m complete flexible hose		○	○	○	○	○
	3.753.0063	Ø 35 - 30 m complete flexible hose	○					
	0.110.0062	Ø 40 - complete fixed front				○	○	○
	0.911.0210	front squeegee strip with hole				○	○	○
	0.911.0211	rear squeegee strip without hole				○	○	○
	3.753.0077	Ø 35 - curve with unload valve	S					
	3.754.0016	Ø 35 - 280 mm combined inox brush floor/carpet	○					
	3.754.0004	Ø 35 - 140 mm nozzle	○					
	3.754.0080	Ø 35 - 140 mm Turbo Brush type 1	○					
	3.754.0081	Ø 35 - 270 mm Turbo Brush type 2	○					
	0.110.0021	Ø 50 - PVC spacer for plastic bag			○	○	○	○
	0.110.0020	anti foam device		○	○	○	○	○
	5.509.0039	cloth filter			S	S	S	S
	6.205.0008	cloth filter		S				
	5.209.0105	cloth filter	○					
	5.509.1405	cloth filter for fine dust			○	○	○	○
	5.212.0093	nylon filter			○	○	○	○
	5.212.0094	nylon filter	○	○				
	5.212.0022	paper collector filters set (10 pcs)	○	○	○	○	○	○

S = standard equipment ○ = optional

			Delta 35 inox	Domino 53 inox	Domino 78 inox	Domino 78 inox	Titano PI-BS	Titano inox BS
	5.212.0006	cartridge filter 7 µm	○	○				
	5.212.0010	Hepa filter with kit of assembly	○	○				
	5.212.0034	Hepa filter with kit of assembly			○	○	○	○
	5.212.0020	Washable multipurpose filter with kit	○	○				
	5.212.0021	Washable multipurpose filter with kit			○	○	○	○
	3.752.0073	Washable multipurpose filter - 5 µm	S	○				
	3.752.0082	Washable multipurpose filter - 5 µm			○	○	○	○
	6.205.0011	Foam filter	○	S				

S = standard equipment ○ = optional

Multipurpose washable filters

Filters used until today could be used for dry vacuum only, and needed to be removed for wet vacuuming (after tank cleaning), and vice versa. On the opposite, with the multipurpose filter you can vacuum dry and wet at the same time, without taking the filter off or cleaning the tank. It is enough to empty the tank and rinse the filter at the end, without changing it.



PROFESSIONAL LINE



Floor scrubber-driers

Direct experience of professional people has resulted in FA-SA floor scrubbers range: easy to handle, powerful, efficient, carefully conceived and designed by using top-quality materials.

Versatility and wide range allow to select the most suitable machine for any work place as well as to maximize performances while reducing time and labour to a minimum.

All products are fully environmentfriendly and aimed to the highest comfort of the user, who will achieve the best results in cleaning even in the hardest conditions of usage.



Why disc brush?

Extended mechanical action of the bristles on the floor, ideal for persistent dirt: the special setting of the brush plate allows a balanced gripping effect, assisting easy use in the non traction models. Complete cleaning also next to walls is possible and the compact washing element lower at the sides is studied to scrub also under edges.

How a squeegee should be designed?

The shape and the material used grant a perfect drying in every condition, also on floors with grout or when quick U turns are necessary. The floating body can stay in the machine operating space (compact / room saving) The manual adjusting system grants a perfect drying on each kind of floors.

How long do battery charges last?

It is impossible to determine exactly how long a battery charge lasts and so how long a machine can work in autonomy. Battery autonomy changes depending on type of surface, dirt quantity, brush type and way in which traction system is used (speed and slope). Battery life is made up of number of charge cycles (also incomplete), if use conditions, charge and service are perfectly observed. Manufacturing technology diversifies numbers of cycles, service needed, use/charge conditions and performances.

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A1 36



**With maintenance free
Battery included**

Technical data::	A1 36 E	A1 36 B
Code	8.518.0008	8.518.0007
power supply	230 V~50 Hz	1 x 12 V
scrubbing width	360 mm	360 mm
squeegee width	460 mm	460 mm
max working capacity	1260 m ² /h	1260 m ² /h
detergent tank capacity	11 l.-2.9 gal	11 l.-2.9 gal
recovery tank capacity	12/13 l.	12/13 l.
traction	mechanical	mechanical
brush motor	370 W	250 W
vacuum motor	400 W	250 W

Standard equipment



- 5.511.1346
PPL brush Ø 360 mm - 15"



- 4.508.1040
Front squeegee blade
L.537 mm - Th. 2.5 mm
- 4.508.1041
Rear squeegee blade
L.590 mm - Th. 3 mm



- 0.108.0061
On-board Battery charger
CBHD1 12V 6A
only for model code:
8.518.0003



- 0.107.0050
Maintenance free battery
12V 55Ah BT DC 4.2
only for model code:
8.518.0003

A1 36

- Suitable to work in high congested areas like small shops, offices, kitchens, schools, hospitals, bars, gyms, restaurants
- Adjustable flow (automatic start-stop with solenoid valve) of the detergent solution depending on type of surface
- Brush with quick release
- Removable recovery tank
- Available in battery version (36B) with integrated battery charger with data memory and for any type of batteries
- Battery included
- Squeegee lifting lever
- Compact reclining handle with control switches
- Easy access and simple service of the components.

Floor scrubber-driers



The unit can be supplied mains (15 m cable available) or battery powered. Reclining handle: fit on any operator's height and allowing the perfect cleaning also on 90° corners. Shock-absorbing covers , simple cleaning of the recovery tank, non marking wheels .

Easy access to mechanical parts (easy maintenance of each component), removable recovery tank without tools.



User friendly analogic control panel. Control lever for brush operation and detergent water outflow. General ON/OFF switch, brush and vacuum motor switch, solenoid valve operation switch.

Parabolic squeegee, easy rubber blades replacement. The floating brush plate and squeegee grant the right cleaning pressure on any type of floor.



Optional accessories:



- 0.107.0002 Tubular battery Pb-acid 12V 118Ah C5



- 0.107.0063 GEL Battery 12 MFP 105 12V 105Ah C5



- 4.508.1058 Polyurethane front blade L.537 TH. 2,5
- 4.508.1059 Polyurethane rear blade L.590 TH. 3



- 5.511.1413 Tynex brush Ø 360 mm-14"
- 5.511.1411 PPL 0,03 brush Ø 360 mm-14"
- 5.511.1412 PES brush Ø 360 mm-14"



- 5.511.1129 EWU pad driver Ø 360mm-14"



- 6.508.0143 Abrasive pad Ø 381 mm-15" - beige
- 6.508.0144 Abrasive pad Ø 381 mm-15" - green
- 6.508.0141 Abrasive pad Ø 381 mm-15" - black



- 4.512.0068 Extension electric cord 15 m with Schuko plug

A3 45



**With maintenance free
Battery included**

*Version without battery:
A3 45 code 8.524.1003

Technical data::	A3 45E	A3 45*
Code	8.524.3303	8.524.0003
power supply	230V~50Hz	24V DC
scrubbing width	450 mm	450 mm
squeegee width	800 mm	800 mm
max working capacity	1575 m ² /h	1575 m ² /h
detergent tank capacity	25 l-6.61 gal	25 l-6.61 gal
recovery tank capacity	25-28 l	25-28 l
traction	mechanical	mechanical
brush motor	550 W	400 W
vacuum motor	400 W	370W

Standard equipment



• 5.511.1688
PPL brush Ø 430 mm - 17"



• 4.508.X468
Front squeegee blade L.830
mm Shore 40 Th. 2.5 mm
• 4.508.X467
Rear squeegee blade L.870
mm Shore 40 Th. 3 mm



• 0.108.0042
On-board Battery charger
CBHD1 24V 10A
only for model code:
8.524.1003
8.524.0003



• 2 x 0.107.0061
Maintenance free battery
12 MFP 50 - 12V 50Ah
only for model code:
8.524.0003

A3 45

- Suitable to work in high congested areas like wellness centres and medical environments in general, gyms, retail outlets, car shops, sales points and health care
- Solution water filter and solenoid valve (battery model only)
- User friendly control panel
- Hour meter (optional)
- Chemical dosing system on request
- Recovery water tank with visual inspection
- Reclining handle with control lever (battery model only)
- Low noise operation thanks to the protected positioning of vacuum motor
- Recovery tank drain hose with adjustable flow system
- Indicator of the solution water tank fill level
- Easy access to the recovery tank
- Non-marking wheels.

Floor scrubber-driers



User friendly analogic control panel. Control lever for brush operation and detergent water outflow. ON/OFF and battery cutout key switch, brush and vacuum motor switch, detergent dosing knob (optional), Thermal circuit breaker to protect vacuum

and brush motor, battery level indicator, hour meter (optional). Automatic detergent dosing system on request. Indicator of clean water tank level. Detergent solution regulation. Recovery tank drain hose with adjustable flow system. Easy access



to recovery water tank with visual inspection. Extremely silent (62 dB) thanks to the particular housing of the vacuum motor and the use of soundproofing material.

Thanks to the special squeegee support it is easily possible the tilting of the machine to carry out the drying of the floor without scrubbing. The oversize wheels facilitate maneuverability and effortless use.



Optional accessories:



- 2 x 0.107.0050
Tubular battery Pb-acid
12V 55Ah C5



- 2 x 0.107.0063
GEL Battery 12 MFP 105
12V 105Ah C5



- 4.508.1178 Polyurethane
front blade L.830 TH. 3
- 4.508.1177 Polyurethane
rear blade L.870 TH. 4



- 5.511.1713
Tynex brush Ø 430 mm-17"
- 5.511.1711
PPL 0,03 brush Ø 430 mm-17"
- 5.511.1712
PES brush Ø 430 mm - 17"



- 5.511.1095
EWU pad driver Ø 430 mm-19"



- 6.508.0032
Abrasive pad Ø 430 mm-17"
- beige
- 6.508.0039
Abrasive pad Ø 430 mm-17"
- green
- 6.508.0046
Abrasive pad Ø 430 mm-17"
- black



- 4.512.0068
Extension electric cord 15 m
with Schuko plug

A5 EVO

NEW



Standard equipment



- 5.511.1097
PPL brush Ø 483 mm - 19"



- 4.508.X468
Front squeegee blade L.830 mm Shore 40 Th. 2.5 mm
- 4.508.X467
Rear squeegee blade L.870 mm Shore 40 Th. 3 mm



- 0.108.0042
On-board Battery charger
CBHD1 24V 10A
only for model code:
8.527.0007 - 8.527.0008
8.527.0013



- 0.107.0054
Maintenance free battery
12V 75Ah BT DC 5.5
only for model code:
8.527.0013

Other available versions:

- 8.527.0013 - A5 Evo 50B with batteries and battery charger
- 8.527.0007- A5 Evo 50B with battery charger

A5 EVO

- Very compact scrubbing machines suitable to work for the maintenance cleaning of limited-size areas (up to 1.500 m²)
- Especially suitable for cleaning: car shops, sales points, gym, health care
- Control panel with operator presence safety system
- Low level battery indicator: brush/vacuum and traction progressive cut off
- Solution water filter and solenoid valve (battery model only)
- Easy access to the battery compartment
- Quick drain and easily inspectable recovery tank
- Non-marking wheels
- Roto-molded polyethylene tanks, shock and acid resistant
- The lower tank also serves as battery compartment
- Low noise operation thanks to the protected positioning of vacuum motor.

Technical data:	A5 EVO 50 E	A5 EVO 50	A5 EVO 50 T
Code	8.527.0005	8.527.0006	8.527.0008
power supply	230 V - 50 Hz	24V	24V
scrubbing width	500 mm	500 mm	500 mm
squeegee width	800 mm	800 mm	800 mm
max working capacity	2000 m ² /h	2000 m ² /h	2000 m ² /h
detergent tank capacity	44 l	44 l	44 l
recovery tank capacity	50/60 l	50/60 l	50/60 l
traction	mechanical	mechanical	automatic
vacuum motor	1000W	480W	480W

Floor scrubber-driers



Powerful gearmotor; brush plate with integrated plastic splash guard/bumper. The outflow of the detergent solution is controlled by a solenoid valve. The actuation of the solenoid valve is operated by the control lever, avoiding the detergent solution outflow

when the brush is stopped during the interruptions of work. Renovated squeegee with new pressure adjusting system. The squeegee blades are easily replaceable without the use of tools. Quick and easy squeegee coupling through the two large knobs; the



squeegee is released without any damage in the event of accidental impact. Mesh filter to retain possible solid pieces, protects the solenoid valve. The filter also has the function of regulating the outflow of the cleaning solution; screwing the

transparent cover increases the amount of flow, while unscrewing the cover reduces the flow.



Optional accessories:



- 2 x 0.107.0002
Tubular battery Pb-acid
12V 118Ah C5



- 2 x 0.107.0063
GEL Battery 12 MFP 105
12V 105Ah C5



- 4.508.1178 Polyurethane
front blade L.830 TH. 3
- 4.508.1177 Polyurethane
rear blade L.870 TH. 4



- 5.511.1098
Tynex brush Ø 483 mm-19"
- 5.511.1128
PPL 0,03 brush Ø 483 mm-19"
- 5.511.1206
PES brush Ø 483 mm - 19"



- 5.511.1099
EWU pad driver Ø 483
mm-19"



- 6.508.0034
Abrasive pad Ø 483 mm-19"
- beige
- 6.508.0041
Abrasive pad Ø 483 mm-19"
- green
- 6.508.0048
Abrasive pad Ø 483 mm-19"
- black



- 4.512.0068
Extension electric cord 15 m
with Schuko plug

A8



Technical data:	A8 55 T	A8 66 TA
Code	8.525.1010	8.525.1212
power supply	24V	24V
scrubbing width	550 mm	660 mm
squeegee width	800 mm	800 mm
max working capacity	2200 m ² /h	2640 m ² /h
detergent tank capacity	55 l	55 l
recovery tank capacity	55-65 l	55-65 l
traction	automatic	automatic
brush motor	600W	750W
vacuum motor	370W	350W

Standard equipment

A8 55 T



- 5.511.1113
PPL brush Ø 533 mm - 21"

A8 66 TA



- 2 x 5.511.1105
PPL brush Ø 330 mm - 13"

A8 55 T



- 4.508.X468
Front squeegee blade L.830 mm
Shore 40 Th. 2.5 mm
- 4.508.X467
Rear squeegee blade L.870 mm
Shore 40 Th. 3 mm

A8 66 TA

- 4.508.1524
Front squeegee blade L.860 mm
Shore 33 Th. 4 mm
- 4.508.1523
Rear squeegee blade L.900 mm
Shore 40 Th. 4 mm



- 0.108.0059
On-board Battery charger
CBHD1-XR 24V 12A

A8

- Designed for the maintenance and deep cleaning of large areas (up to 1.700 m²)
- Especially suitable for cleaning: car shops, sales points, gym, health care
- User friendly control panel
- Automatic brush lifting (model 66BTA only)
- Fully accessible recovery water tank with visual inspection
- Front/rear lighting system (optional)
- Automatic detergent measuring system (model 66BTA only)
- Big size traction wheels
- Handle with control lever (models 55BT/66BTA)

Floor scrubber-driers



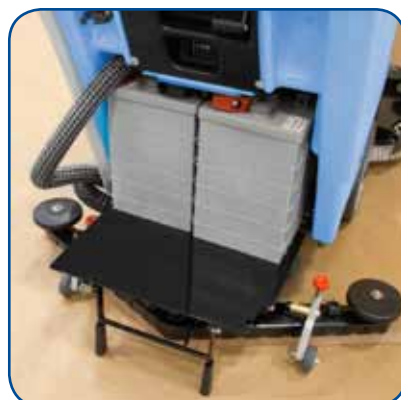
User friendly analogic control panel. Control lever for brush operation and detergent water outflow. ON/OFF and battery cutout key switch, brush and vacuum motor switch, detergent regulation device (optional). Thermal circuit breaker to protect

vacuummotor and brush motor, battery charge level indicator, hour meter. Clean water tank level indicator. Detergent regulation device. Recovery tank drain hose with adjustable flow system. Automatic brush lifting (only model 66TA).



Automatic detergent dosing system (only model 66TA). Fully accessible recovery water tank with visual inspection. Easy access to the recovery tank. Easy access and simple service of the components without use of tools.

Battery trolley for a quick and easy battery change. Big size wheels for better maneuverability and effortless use.



Optional accessories:



- 2 x 0.107.0002
Tubular battery Pb-acid
12V 118Ah C5



- 2 x 0.107.0063
GEL Battery 12 MFP 105
12V 105Ah C5



- 0.108.0001
Battery Charger 24V 12A
220-240/50-60



- 5.511.1494
On-board Battery charger
kit - 24V - 12A



- 4.508.1178 Polyurethane
front blade L.830 TH. 3
- 4.508.1177 Polyurethane
rear blade L.870 TH. 4
- 4.508.1526 Polyurethane
front blade L.860 TH. 4
- 4.508.1525 Polyurethane
rear blade L.900 TH. 4



- 5.511.1114
Tynex brush Ø 533 mm-21"
- 5.511.1106
Tynex brush Ø 330 mm-13"
- 5.511.1794
PPL brush Ø 533 mm-21"
- 5.511.1255
PPL 0,03 brush Ø 330 mm-13"
- 5.511.1207
PES brush Ø 533 mm-21"
- 5.511.1202
PES brush Ø 330 mm-13"



- 5.511.1115
EWU pad driver Ø 533mm-21"
- 5.511.1107
EWU pad driver Ø 330mm-13"



- 6.508.0035 - Ø 533 mm-21"- beige
- 6.508.0042 - Ø 533 mm-21"- green
- 6.508.0049 - Ø 533 mm-21"- black
- 6.508.0030 - Ø 340 mm-13"- beige
- 6.508.0037 - Ø 340 mm-13"- green
- 6.508.0044 - Ø 340 mm-13"- black

A9



Standard equipment



A9 50T

- 5.511.1097
PPL brush Ø 483 mm - 19"



A9 55T

- 2 x 5.511.1101
PPL brush Ø 275 mm - 10"



A9 60T

- 2 x 5.511.1105
PPL brush Ø 330 mm - 13"



- 4.508.X468
Front squeegee blade L.830 mm
Shore 40 Th. 2.5 mm
- 4.508.X467
Rear squeegee blade L.870 mm
Shore 40 Th. 3 mm

A9

- Suitable to work for the maintenance and deep cleaning of large areas (up to 2.200 m²)
- User friendly control panel: forward speed setting, scrubbing and vacuuming selectors, battery charge indicator, traction direction indicator, key main switch
- Large handle with traction driving lever for forward and backward directions
- Self levelling brush plate
- Cover removable without tools provided with self locking system
- Quick vacuum motor and filter inspection, without tools
- Detergent solution tank with large opening protected by quick locking cap
- Parking brake directly on the wheel
- Non-marking wheels
- Easy squeegee regulation without tools
- Movable shock-proof squeegee
- Hour meter and solenoid valve.

Technical data:	A9 50T	A9 55T	A9 66T
Code	8.516.0413	8.516.0414	8.516.0424
power supply	24 V DC	24 V DC	24 V DC
scrubbing width	500 mm	550 mm	660 mm
squeegee width	800 mm	800 mm	800 mm
max working capacity	2250 m ² /h	2475 m ² /h	2970 m ² /h
detergent tank capacity	67 l	67 l	67 l
recovery tank capacity	77/95 l	77/95 l	77/95 l
traction	200W/automatic	200W/automatic	200W/automatic
vacuum motor	480W	480W	480W

Floor scrubber-driers



User friendly control panel. Speed adjustment selectors. General ON/OFF and key switch, brush and vacuum motor switch. Thermal circuit breaker to protect vacuum motor and brush motor, battery level control, hour meter.

Easy access to battery and vacuum motor compartment, without using tools. Large tank capacity, at the top in the category (67 l). 2 x 12V -118 Ah C5 batteries to grant long work autonomy, up to 3 hours.



Control lever for brush operation and detergent water outflow. Recovery tank drain hose. Quick fitting battery charger plug.

Heavy duty 15 mm steel monobloc brush plate. Great pressure on the floor for a deep cleaning even on the toughest dirt. Self levelling system. Solenoid valve to stop the detergent water outflow during the work interruptions.



Optional accessories:



- 2 x 0.107.0002
Tubular battery Pb-acid
12V 118Ah C5



- 2 x 0.107.0063
GEL Battery 12 MFP 105
12V 105Ah C5



- 0.108.0001
Battery Charger 24V 25A
220-240/50-60



- 5.511.1494
On-board Battery charger
kit - 24V - 12A



- 4.508.1178 Polyurethane
front blade L.830 TH. 3
- 4.508.1177 Polyurethane
rear blade L.870 TH. 4



- 5.511.1098
Tynex brush Ø 483 mm-19"
- 5.511.1102
Tynex brush Ø 275 mm-10"
- 5.511.1106
Tynex brush Ø 330 mm-13"
- 5.511.1128
PPL 0,03 brush Ø 483 mm-19"
- 5.511.1254
PPL 0,03 brush Ø 275 mm-10"
- 5.511.1255
PPL 0,03 brush Ø 330 mm-13"

- 5.511.1206
PES brush Ø 483 mm - 19"
- 5.511.1201
PES brush Ø 275 mm-10"
- 5.511.1202
PES brush Ø 330 mm-13"



- 5.511.1099
EWU pad driver Ø 483mm-19"
- 5.511.1103
EWU pad driver Ø 275mm-10"
- 5.511.1107
EWU pad driver Ø 330mm-13"



- 6.508.0034 - Ø 483 mm-19"- beige
- 6.508.0041 - Ø 483 mm-19"- green
- 6.508.0048 - Ø 483 mm-19"- black
- 6.508.0095 - Ø 280 mm-11"- beige
- 6.508.0096 - Ø 280 mm-11"- green
- 6.508.0097 - Ø 280 mm-11"- black
- 6.508.0030 - Ø 340 mm-13"- beige
- 6.508.0037 - Ø 340 mm-13"- green
- 6.508.0044 - Ø 340 mm-13"- black

A12



Standard equipment

A12 66T



- 2 x 5.511.1105
PPL brush Ø 330 mm - 13"

A12 75T



- 2 x 5.511.1168
PPL brush Ø 360 mm - 14"



- 4.508.0646
Front squeegee blade L.925 mm
Shore 40 Th. 3 mm
- 4.508.0605
Rear squeegee blade L.1015 mm
Shore 30 Th. 4 mm

Technical data:	A12 66T	A12 75T
Code	8.517.0104	8.517.0106
power supply	24 V DC	24 V DC
scrubbing width	660 mm	750 mm
squeegee width	900 mm	900 mm
max working capacity	3762 m ² /h	4275 m ² /h
detergent tank capacity	88 l	88 l
recovery tank capacity	91/95 l	91/95 l
traction	300W/automatic	300W/automatic
vacuum motor	1733 mmH ² O/550W	1733 mmH ² O/550W

A12

- Capable to work for the maintenance and deep cleaning of large areas (up to 2.600 m²)
- User friendly control panel: forward speed setting, scrubbing and vacuuming selectors, battery charge indicator, traction direction indicator, key main switch
- Large handle with traction driving lever for forward and backward directions
- Self levelling brush plate
- Cover removable without tools
- Quick vacuum motor and filter inspection, without tools
- Detergent solution filter
- Detergent solution tank provided with large opening protected by quick locking cap.

Floor scrubber-driers



Easy access to battery and vacuum motor compartment, without using tools. Large capacity shock and acid proof polyethylene tanks (88 l) avoid frequent refilling and idle time. 4 x 6V -180 Ah C5 batteries granting continuous

working time up to 4-5 hours. Adjustable speed ensures high precision in cleaning congested areas with obstacles. Intuitive controls reduce operator's training time. Safety thermal breakers prevent motor problems in case of overheating or



operator's misuse. Heavy duty V-shaped squeegee ensures perfect drying of every type of floor, even with large joints. Non-marking wheels avoid marks after the drying. Completely adjustable to fit any surface.

Strong mechanical control levers for heavy duty use. Large size drain hose for a fast emptying and a better cleaning of the recovery tank. Quick fitting battery charger plug.



Optional accessories:



- 4 x 0.107.0004
Tubular battery Pb-acid
6V 180Ah C5



- 4 x 0.107.0072
GEL Battery 6 MFP 180
6V 180Ah C5



- 0.108.0002
Battery Charger 24V 25A
220-240/50-60



- 5.511.1495
On-board Battery charger
kit - 24V - 25A



- 4.508.0901 Polyurethane
front blade L.925 TH.3 Sh.40
- 4.508.0900 Polyurethane
rear blade L.1015 TH.4 Sh.40



- 5.511.1106
Tynex brush Ø 330 mm-13"
- 5.511.1246
Tynex brush Ø 360 mm-14"

- 5.511.1255
PPL 0,03 brush Ø 330 mm-13"
- 5.511.1169
PPL 0,03 brush Ø 360 mm-14"

- 5.511.1202
PES brush Ø 330 mm-13"
- 5.511.1203
PES brush Ø 360 mm - 14"



- 5.511.1107
EWU pad driver Ø 330 mm-13"

- 5.511.1129
EWU pad driver Ø 360 mm-14"



- 6.508.0030 - Ø 340 mm-13"- beige
- 6.508.0037 - Ø 340 mm-13"- green
- 6.508.0044 - Ø 340 mm-13"- black

- 6.508.0143 - Ø 380 mm-15"- beige
- 6.508.0144 - Ø 380 mm-15"- green
- 6.508.0141 - Ø 380 mm-15"- black

A12 Rider

NEW



*A12 Rider 8.579.0004 with batteries and battery charger

Technical data:	A12 Rider	A12 Rider*
Code	8.579.0003	8.579.0004
power supply	24 V	24 V
scrubbing width	660 mm	660 mm
squeegee width	855 mm	855 mm
max working capacity	3250 m ² /h	3250 m ² /h
detergent tank capacity	75 l	75 l
recovery tank capacity	75/80 l	75/80 l
traction	rear wheel-drive/400 W	rear wheel-drive/400 W
vacuum motor	400 W	400 W
brush motor	2 x 400 W	2 x 400 W

Standard equipment



- 2 x 5.511.1105
PPL Brush Ø 330 mm - 14"



- 4.508.1593
Front squeegee blade L.960 mm
40 Th. 3 mm
- 4.508.1595 Rear squeegee
blade L.1000 mm 30 Th. 4 mm



- 0.108.0054
On-board Battery charger
CBH2D 24V 20A
(only for model code:
8.579.0002)



- 2 x 0.107.0063
Gel battery 12V 105 A/C
5/120A C20
(only for model code:
8.579.0002)

A12 Rider

Designed for the maintenance and deep cleaning of large areas (up to 3200 sqm.) with a very important reduction of cleaning cost. Very compact size and great maneuverability like walk behind models: suited for maintenance cleaning. • 32 kg. of constant pressure on the brushes. • Double counter rotating brush (66 cm of scrubbing width) obtaining better stability and constant pressure • Great working autonomy (till 4,5 hours) thanks to the possibility to use 4 batteries 6 V 240 Ah and to rear wheel-drive • Large load tank capacity (real load of 75 l.), resulting in reduced numbers of stops and maximum use of battery for effective operation of the machine • Ergonomic steering wheel of new design with user friendly controls and digital display • Easy access to electrical components • Inspection cover for fast and easy cleaning and sanitification of dirt water tank • Automatic device that stops brushes and detergent water outflow when the machine is stationary • Self-leveling brush plate • Automatic detergent measuring system on request.

Floor scrubber-driers



Great working autonomy thanks to the possibility to use 4 batteries 6 V 240 Ah granting continuous working up to 4,5 hours. Possibility to use also 2 batteries 12V. Less battery consumption thanks to rear wheel-drive. Large load tanks made of shock and acid proof polyethylene (real load of 75 l.), avoiding frequent stop for refilling.

User friendly control panel. Steering wheel with digital controls and display. Squeegee and brush plate mechanical and user friendly lifting lever: min. maintenance cost training time for the users. Scrubbing unit with double brush with brush plate made of steel for a great pressure (32 Kg.) on the floor resulting in an easy and deep cleaning of any kind of dirt.



Rear wheel-drive on 2 wheels allows the machine to get over remarkable slopes. Detergent solution is cleansed by an external completely accessible filter, that holds any impurities, thus protecting the solenoid valve. The easy access to all internal components of A12 Rider make it possible to reduce maintenance cost.

The comfortable and ergonomic seat allows the operator to work effortless for a long time, improving productivity. Its very compact size make it perfect to work in small areas where walk behind models are usually used. The use of A12 Rider makes working easier and quicker with a huge saving of time.



Optional accessories:



- 4 x 0.107.0004
Tubular battery Pb-acid
6V 180Ah C5



- 4 x 0.107.0072
Gel battery 6 MFP 180
6V 180Ah C5



- 2 x 0.107.0002
Tubular battery Pb-acid
12V 118 Ah C5



- 0.108.0002
Battery charger 24V 25A
220-240/50-60



- 4.508.1594 Polyurethane
front blade L.960 TH.3 Sh.40
- 4.508.1596 Polyurethane
rear blade L.1000 TH.4
Sh.40



- 2 x 5.511.1106
Tynex brush Ø 330 mm-13"
- 2 x 5.511.1255
PPL 0,03 brush Ø 330 mm-13"
- 2 x 5.511.1202
PES brush Ø 330 mm - 13"



- 2 x 5.511.1107
EWU pad driver
Ø 330 mm-13"



- 2 x 6.508.0030 - Ø 340
mm - 13"- beige
- 2 x 6.508.0037 - Ø 340
mm - 13"- green
- 2 x 6.508.0044 - Ø 340
mm - 13"- black

A13 Essential



Standard equipment



- 2 x 5.511.1168
PPL brush Ø 360 mm - 14"



- 4.508.0646
Front squeegee blade L.925 mm
Shore 40 Th. 3 mm
- 4.508.0605
Rear squeegee blade L.1015 mm
Shore 30 Th. 4 mm

Technical data:	A13 Essential
Code	8.574.2002
power supply	24 V DC
scrubbing width	750 mm
squeegee width	900 mm
max working capacity	3750 m ² /h
detergent tank capacity	110 l
recovery tank capacity	130/155 l.
traction	600W/automatic
vacuum motor	1734 mmH ² O/480W

A 13 Essential

- Capable to work for the maintenance and deep cleaning of large areas (up to 3.700 m²) with a very important reduction of cost of cleaning
- More than 50 kg of constant pressure on the brushes
- Large load tank capacity, resulting in reduced number of stops and maximum use of battery charge for effective operation of the machine
- Compact size (810 mm)
- Stability even when fully loaded, front independent wheel drive with tight steering radius
- Recovery tank control window for cleaning and easy ordinary maintenance
- Easy access to electrical components
- Automatic device that stops brushes and detergent water outflow when the machine is stationary
- Self-levelling brushes

Floor scrubber-driers



The detergent water tank serves as battery compartment, allowing the housing of great capacity batteries granting continuous working time up to 4-5 hours. Large capacity shock and acid proof polyethylene tank (110

l) improves productivity avoiding frequent refilling and idle time. Simple and intuitive controls reduce operator's training time. Easy mechanical brush plate and squeegee lifting system, for low maintenance costs. The enbloc brush plate apply



a very high pressure (50 kg) to the floor, strongly and deeply removing any kind of dirt. The cleaning solution is purified by an easily accessible external filter which holds back any possible debris, thus protecting the solenoid valve operation.

The ergonomic and comfortable shape of the machine allows the operator to work effortless for a long time, improving productivity.



Optional accessories:



- 4 x 0.107.0004
Tubular battery Pb-acid
6V 180Ah C5



- 4 x 0.107.0072
GEL Battery 6 MFP 180
6V 180Ah C5



- 0.108.0002
Battery Charger 24V 25A
220-240/50-60



- 5.511.1641
On-board Battery charger
kit - 24V - 20A



- 4.508.0901 Polyurethane
front blade L.925 TH.3 Sh.40
- 4.508.0900 Polyurethane
rear blade L.1015 TH.4 Sh.40



- 5.511.1246
Tynex brush Ø 360 mm-14"
- 5.511.1169
PPL 0,03 brush Ø 360 mm-14"
- 5.511.1203
PES brush Ø 360 mm - 14"



- 5.511.1592
EWU pad driver Ø 380 mm-15"



- 6.508.0143 - Ø 380 mm -
15"- beige
- 6.508.0144 - Ø 380 mm -
15"- green
- 6.508.0141 - Ø 380 mm -
15"- black

A13 UP



Standard equipment

A 13 75 UP



- 2 x 5.511.1168
PPL brush Ø 360 mm - 14"

A 13 82 UP



- 2 x 5.511.1109
PPL brush Ø 406 mm - 16"

A 13 75 UP



- 4.508.0646
Front squeegee blade L.925 mm
Shore 40 Th. 3 mm
- 4.508.0605
Rear squeegee blade L.1015 mm
Shore 30 Th. 4 mm

A 13 82 UP

- 4.508.1196
Front squeegee blade L.1027 mm
Shore 40 Th. 3 mm
- 4.508.1195
Rear squeegee blade L.1150 mm
Shore 33 Th. 4 mm



- 0.108.0054
On-board Battery charger
CBH2D 24V 20A

Technical data:	A13 75 UP	A13 82 UP
Code	8.574.1003	8.574.1004
power supply	24 V DC	24 V DC
scrubbing width	750 mm	820 mm
squeegee width	900 mm	1000 mm
max working capacity	3750 m ² /h	4100 m ² /h
detergent tank capacity	110 l	110 l
recovery tank capacity	130/155 l	130/155 l
traction	600W/automatic	600W/automatic
vacuum motor	1734 mmH ² O/480W	1734 mmH ² O/480W

A 13 UP

- Capable to work for the maintenance and deep cleaning of large areas (up to 4.000 m²) with a considerable reduction of cleaning costs
- More than 50 kg of constant pressure on the brushes
- Large load tank capacity, resulting in reduced number of stops and maximum use of battery charge for effective operation of the machine
- Compact size (810 mm)
- Stability even when fully loaded, front independent wheeldrive with tight steering radius
- Recovery tank control window for cleaning and easy ordinary maintenance
- Automatic brush plate lifting system
- Automatic squeegee lifting system
- Automatic squeegee lifting while reverse going
- Automatic device that stops brushes and detergent water outflow when the machine is stationary
- Antifoam device
- Self-levelling brushes
- Integrated on-board battery charger.

Floor scrubber-driers



The easy access to the recovery tank allows fast cleaning and sanitification of the tank; the tilting tank together with a large size drain hose allow the complete emptying of the tank and the removal of any type of solid dirt. The antifoam device protects suction motor, as well as the

electronic floating switch that stops suction when the tank is full. A13 UP is equipped with actuators for the automatic lifting of the brush plate and squeegee. Control panel is provided with hour meter, speed adjustment knob and detergent



solution low level warning light. All motors are protected by thermal breakers. The detergent water tank serves as battery compartment, allowing the housing of great capacity batteries. Battery charger and suction motor are placed

in the recovery tank; the housing of the vacuum motor allows to drastically reduce the operating noise. The ergonomic and comfortable shape of the machine allows the operator to work effortless for a long time, improving productivity.



Optional accessories:



- 4 x 0.107.0004
Tubular battery Pb-acid
6V 180Ah C5



- 4 x 0.107.0072
GEL Battery 6 MFP 180
6V 180Ah C5



- 4.508.0901 Polyurethane
front blade L.925 TH.3 Sh.40
- 4.508.0900 Polyurethane
rear blade L.1015 TH.4 Sh.40
- 4.508.1251 Polyurethane
front blade L.1027 TH.3
- 4.508.1252 Polyurethane
rear blade L.1150 TH.4



- 5.511.1246
Tynex brush Ø 360 mm-14"
- 5.511.1169
PPL 0,03 brush Ø 360 mm-14"
- 5.511.1203
PES brush Ø 360 mm - 14"

- 5.511.1110
Tynex brush Ø 406 mm-16"
- 5.511.1120
PPL 0,03 brush Ø 406 mm-16"
- 5.511.1204
PES brush Ø 406 mm - 16"



- 5.511.1592
EWU pad driver Ø 380 mm-15"
- 5.511.1111
EWU pad driver Ø 406 mm-16"



- 6.508.0143 - Ø 380 mm - 15"- beige
- 6.508.0144 - Ø 380 mm - 15"- green
- 6.508.0141 - Ø 380 mm - 15"- black
- 6.508.0031 - Ø 406 mm - 16"- beige
- 6.508.0038 - Ø 406 mm - 16"- green
- 6.508.0045 - Ø 406 mm - 16"- black

A18



Standard equipment



- 2 x 5.511.1109
PPL brush Ø 406 mm - 16"



- 4.508.1196
Front squeegee blade L.1027 mm
Shore 40 Th. 3 mm
- 4.508.1195
Rear squeegee blade L.1150 mm
Shore 33 Th. 4 mm

Technical data:

A18 5700

Code	8.575.0004
power supply	24 V
scrubbing width	820 mm
squeegee width	1000 mm
max working capacity	5740 m ² /h
detergent tank capacity	140 l
recovery tank capacity	150/180 l
traction	front motorwheel/900W
vacuum motor	550W
brush motor	1000W

A18

- Suitable for maintenance and deep cleaning of medium and large areas (up to 4.500 m²) with a considerable reduction of cleaning costs
- More than 60/80 kg of constant pressure on the brushes
- Large load tank capacity, resulting in reduced number of stops and maximum use of battery charge for effective operation of the machine
- Compact size
- Stability even when fully loaded
- Front independent wheel-drive with tight steering radius
- Easy access to electrical components
- Automatic brush plate lifting system
- Automatic squeegee lifting system
- Automatic squeegee lifting while reverse going
- Automatic device that stops brushes and detergent water outflow when the machine is stationary
- Antifoam device
- Self-levelling brushes
- High-performance batteries resulting in high-working efficiency.

Floor scrubber-driers



Quick lock recovery tank cap allows for fast and easy cleaning and sanitification of the tank; the tilting tank together with a large size drain hose allow the complete emptying of the tank and the removal of any type of solid dirt. The antifoam device protects suction motor, as well as the

electronic floating switch that stops suction when the tank is full. Comfortable steering wheel. User friendly control panel, provided with hour meter, speed adjustment knob and detergent solution low level warning light. All motors are protected by



thermal breakers. 80 kg of continuous brush plate pressure with Self Leveling System to strongly and deeply removing any kind of dirt on any kind of floor. Strong oil-proof polyurethane wheels. 500 Ah C5 battery box allowing continuous working time

up to 5 hours. Built with strong components, A 18 have been designed to resist even to extreme stresses; the frame is made of steel profiles with a thickness varying from 5 to 12 mm, protected with a high resistance corrosion-proof paint.



Optional accessories:



- 0.107.0008
Battery box Pb-acid
24V 500Ah C5



- 0.108.0003
Battery Charger 24/36V
50/60A - 220-240/50-60



- 4.508.1251 Polyurethane front blade L.1027 TH. 3
- 4.508.1252 Polyurethane rear blade L.1150 TH. 4



- 5.511.1110
Tynex brush Ø 406 mm-16"
- 5.511.1120
PPL 0,03 brush Ø 406 mm-16"
- 5.511.1204
PES brush Ø 406 mm - 16"



- 5.511.1111
EWU pad driver Ø 406 mm-16"



- 6.508.0031 - Ø 406 mm - 16"- beige
- 6.508.0038 - Ø 406 mm - 16"- green
- 6.508.0045 - Ø 406 mm - 16"- black

A18-R 5300



Technical data:	A18-R 5300
Code	8.575.0006
power supply	24 V
scrubbing width	750 mm
squeegee width	1000 mm
max working capacity	5250 m ² /h
detergent tank capacity	140 l
recovery tank capacity	150/180 l
traction	front motorwheel/900W
vacuum motor	550W
brush motor	2 x 750W

Standard equipment



- 3.602.0056
PPL brush Ø 150 mm x 680 mm
bristles 0,05 - Blue



- 3.602.0057
PPL brush Ø 150 mm x 680 mm
- bristles 0,07 - White



- 4.508.1196
Front squeegee blade L.1027 mm
Shore 40 Th. 3 mm
- 4.508.1195
Rear squeegee blade L.1150 mm
Shore 33 Th. 4 mm

A18-R 5300

- Suitable for maintenance and deep cleaning of medium and large areas (up to 4.500 m²) with a very important reduction of cost of cleaning
- Scrubbing unit with sweeping function
- Brushes group extremely durable, (completely in stainless steel) of easy maintenance
- Large load tank capacity, resulting in reduced number of stops and maximum use of battery charge for effective operation of the machine
- Compact size
- Stability even when fully loaded
- Front independent wheel-drive with tight steering radius
- Easy access to electrical components
- Automatic scrubbing/sweeping unit lifting system
- Automatic squeegee lifting system
- Automatic squeegee lifting while reverse going
- Automatic device that stops brushes and detergent water outflow when the machine is stationary
- Antifoam device
- Self-levelling brushes
- High-performance batteries resulting in high-working efficiency.

Floor scrubber-driers



Shock absorbing stainless steel AISI 304 corrosion proof scubbing/sweeping unit, for best performance with low maintenance costs.

Two PPL cylindrical brushes, ideal for any type of floor. Brush quick change system.

Easy and quick refilling of the recovery tank thanks to the large opening at the rear of the machine. Large capacity shock and acid proof polyethylene tank (140 l) improves productivity avoiding frequent refilling and idle time.



The ergonomic and comfortable shape of the machine allows the operator to work effortless for a long time, improving productivity. External battery charger connector. Mechanical adjustment of the solution water outflow.

Comfortable steering wheel. User friendly control panel, provided with hour meter, speed adjustment knob and detergent solution low level warning light. All motors are protected by thermal breakers.



Optional accessories:



- 0.107.0008
Battery box Pb-acid
24V 500Ah C5



- 0.108.0003
Battery Charger 24/36V
50/60A - 220-240/50-60



- 4.508.1251 Polyurethane
front blade L.1027 TH. 4
- 4.508.1252 Polyurethane
rear blade L.1150 TH. 4

A24



Standard equipment



A 24 6000

- 2 x 5.511.1093
PPL brush Ø 431 mm - 17"



A 24 7100

- 2 x 5.511.1097
PPL brush Ø 483 mm - 19"



A 24 6000

- 4.508.0215
Front squeegee blade L.1110 mm
Shore 40 Th. 4 mm
- 4.508.0214
Rear squeegee blade L.1185 mm
Shore 30 Th. 6 mm

A 24 7100

- 4.508.0217
Front squeegee blade L.1270 mm
Shore 40 Th. 4 mm
- 4.508.0216
Rear squeegee blade L.1345 mm
Shore 33 Th. 6 mm

Technical data:	A24 6000	A24 7100
Code	8.578.0008	8.578.0009
power supply	36 V	36 V
scrubbing width	870 mm	1020 mm
squeegee width	1110 mm	1250 mm
max working capacity	6090 m ² /h	7140 m ² /h
detergent tank capacity	200 l	200 l
recovery tank capacity	210/240 l	210/240 l
traction	front motorwheel/900W	front motorwheel/900W
vacuum motor	600W	600W
Motore spazzola	1500W	1500W

A24

- Suitable for maintenance and deep cleaning of medium and large areas (up to 6.000 m²)
- More than 90/120 kg of constant pressure on the brushes
- Large load tank capacity, resulting in reduced number of stops and maximum use of battery charge for effective operation of the machine
- Stability even when fully loaded
- Front independent wheel-drive with tight steering radius
- Easy access to electrical components
- Automatic brush plate lifting system
- Automatic squeegee lifting system
- Automatic squeegee lifting while reverse going
- Automatic control system for brush rotation and detergent water outflow
- Antifoam device
- Self-levelling brush plate
- Hour meter
- High-performance batteries resulting in high-working efficiency.

Floor scrubber-driers



The unique anti foam device dramatically reduces the foam generation and prevents it from touching the suction motor, thus protecting its operation. The electronic floating switch stops suction when the tank is full. Large tank opening for fast and easy cleaning and sanitation.

The strong V-shaped floor squeegee made of steel profile is widely adjustable and allows to combine the operation of the rubber blades with the high suction power, to get a perfect drying result on every surface. The special filter box retains solid debris and prevents the obstruction of the suction hose.



A 24 scrubbers are easy to use thanks to the simple and user friendly controls. From the control panel the operator can adjust the maximum forward speed and the quantity of cleaning solution outflow, selecting the options most suitable to the dirt type. Job is simplified and made faster by the automatic lifting of the squeegee and of the brush plate.

Thanks to the optimal weight distribution and to the use of strong oil-proof polyurethane wheels the drive is perfect in all working conditions. The emptying of the solution water tank is quick with a simple and easy accessible mechanical tap.



Optional accessories:



- 0.107.0009
Battery box Pb-acid
36V 360Ah C5



- 0.108.0003
Battery Charger 24/36V
50/60A - 220-240/50-60



- 4.508.1166 Polyurethane front blade L.1110 TH. 4
- 4.508.1165 Polyurethane rear blade L.1185 TH. 6

- 4.508.1167 Polyurethane front blade L.1270 TH. 4
- 4.508.0897 Polyurethane rear blade L.1345 TH. 6



- 5.511.1094
Tynex brush Ø 431 mm-17"
- 5.511.1098
Tynex brush Ø 483 mm-19"

- 5.511.1121
PPL 0,03 brush Ø 431 mm-17"
- 5.511.1128
PPL 0,03 brush Ø 483 mm-19"

- 5.511.1205
PES brush Ø 431 mm - 17"
- 5.511.1206
PES brush Ø 483 mm - 19"



- 5.511.1095
EWU pad driver Ø 431 mm-17"
- 5.511.1099
EWU pad driver Ø 483 mm-19"



- 6.508.0032 - Ø 431 mm - 17" - beige
- 6.508.0039 - Ø 431 mm - 17" - green
- 6.508.0046 - Ø 431 mm - 17" - black

- 6.508.0034 - Ø 483 mm - 19" - beige
- 6.508.0041 - Ø 483 mm - 19" - green
- 6.508.0048 - Ø 483 mm - 19" - black

A35



Standard equipment



- A 35 7100**
- 2 x 5.511.1097
PPL brush Ø 483 mm - 19"



- A 35 8500**
- 3 x 5.511.1109
PPL brush Ø 406 mm - 16"



- A 35 7100**
- 4.508.0217
Front squeegee blade L.1270 mm
Shore 40 Th. 4 mm
 - 4.508.0216
Rear squeegee blade L.1345 mm
Shore 33 Th. 6 mm

- A 35 8500**
- 4.508.0219
Front squeegee blade L.1500 mm
Shore 40 Th. 4 mm
 - 4.508.0218
Rear squeegee blade L.1580 mm
Shore 33 Th. 6 mm

Technical data:	A35 7100	A35 8500
Code	8.572.0003	8.572.0004
power supply	36 V	36 V
scrubbing width	1020 mm	1220 mm
squeegee width	1250 mm	1450 mm
max working capacity	7140 m ² /h	8540 m ² /h
detergent tank capacity	280 l	280 l
recovery tank capacity	315/340 l	315/340 l
traction	3 wheels drive/3 x 600W	3 wheels drive/3 x 600W
vacuum motor	600W	600W
brush motor	2 x 1000W	3 x 1000W

A35

- Suitable for maintenance and deep cleaning of medium and large areas (up to 7.000 m²)
- More than 120-170 kg of constant pressure on the brushes
- 300 litres solution tank capacity allows exceptional autonomy and productivity
- Stability even when fully loaded
- Innovative traction system with three independent motor wheels controlled by electronic cards
- Easy access to electrical components
- Automatic brush plate lifting system
- Automatic squeegee lifting system
- Automatic squeegee lifting while reverse going
- Automatic control system for brush rotation and detergent water outflow
- Antifoam device
- Self-levelling brushes, hour meter, solenoid valve. High-performance batteries resulting in high-working efficiency

Floor scrubber-driers



Designed to perform the hardest work and to resist even to extreme stresses with maximum comfort; the frame is made of steel profiles with a thickness varying from 5 to 12 mm, protected with a high resistance corrosion-proof paint. The unique anti foam device dramatically

reduces the foam generation and prevents it from touching the suction motor, thus protecting its operation. The electronic floating switch stops suction when the tank is full. Large tank opening for fast and easy cleaning and sanification. The cleaning solution tank



with an exceptional capacity of 300 liters and the high autonomy of the battery ensure a productivity at the top of the range. The wide rear opening allows for an easy and quick refilling of the cleaning solution tank. The motorwheels, designed and built by LAVOR, grant

optimal performances and exceptional reliability (over 30.000 hours). The innovative 3wheel drive system ensures perfect traction in every operating condition. The high power of the three motorwheels allows the machine to get over remarkable slopes.



Optional accessories:



- 0.107.0010
Battery box Pb-acid
36V 525Ah C5



- 0.108.0003
Battery Charger 24/36V
50/60A - 220-240/50-60



- 4.508.1166 Polyurethane front blade L.1110 TH. 4
- 4.508.1165 Polyurethane rear blade L.1185 TH. 6
- 4.508.1167 Polyurethane front blade L.1270 TH. 4
- 4.508.0897 Polyurethane rear blade L.1345 TH. 6



- 5.511.1098
Tynex brush Ø 483 mm-19"
- 5.511.1110
Tynex brush Ø 406 mm-16"
- 5.511.1128
PPL 0,03 brush Ø 483 mm-19"
- 5.511.1120
PPL 0,03 brush Ø 406 mm-16"
- 5.511.1206
PES brush Ø 483 mm - 19"
- 5.511.1204
PES brush Ø 406 mm - 16"



- 5.511.1099
EWU pad driver Ø 483 mm-19"
- 5.511.1111
EWU pad driver Ø 406 mm-16"



- 6.508.0034 - Ø 483 mm - 19"- beige
- 6.508.0041 - Ø 483 mm - 19"- green
- 6.508.0048 - Ø 483 mm - 19"- black
- 6.508.0031 - Ø 406 mm - 16"- beige
- 6.508.0038 - Ø 406 mm - 16"- green
- 6.508.0045 - Ø 406 mm - 16"- black

In the catalog "Chemical Line" Lavor you will find a complete range of chemical products for professional cleaning.



Code	Description	Quantity	High-pressure cleaners	Floor scrubber-driers	Steam generator	high-pressure cleaners	high-pressure cleaners
0.010.0030	concentrated detergent CAR: 12 pcs. x 2 l	12 pcs. x 2 l	X				
0.010.0029	strong detergent SPRAYER: 12 pcs. x 2 l	12 pcs. x 2 l	X				
0.010.0031	cloth cleaner TEXTIL: 12 pcs. x 2 l	12 pcs. x 2 l					X
0.010.0032	limescale remover DESCALER: 12 pcs. x 2 l	12 pcs. x 2 l	X				
0.010.0033	removes sea weeds and musk MUSCAL: 12 pcs. x 2 l	12 pcs. x 2 l	X				
0.010.0010	scale inhibitor PREVENTER : Kg 5	5 Kg	X				
0.010.0008	scale inhibitor PREVENTER : Kg 25	25 Kg	X				
0.011.0001	sand for sand blasters: 6 pcs. x 5 Kg	6 pcs. x 5 Kg	X				
3.697.0023	fragrance-free sanitising detergent LCN-800F: 4 pcs. x 5 l	4 pcs. x 5 l	X	X		X	X
3.697.0024	fragranced sanitising detergent LCN-800: 4 pcs. x 5 l	4 pcs. x 5 l	X	X		X	X
3.697.0025	alcoholic maintenance detergent LCN 680AL: 4 pcs. x 5 l	4 pcs. x 5 l		X	X		X
3.697.0026	non alcoholic maintenance detergent LCN-650: 4 pcs. x 5 l	4 pcs. x 5 l		X			X
3.697.0027	non stratifying wax wash detergent LCN-640 OWM: 4 pcs. x 5 l	4 pcs. x 5 l		X			
3.697.0028	pre-treatment detergent/acid maintenance LCA-125: 4 pcs. x 5 l	4 pcs. x 5 l		X		X	
3.697.0029	acid maintenance detergente LCA-125: 4 pcs. x 5 l	4 pcs. x 5 l		X		X	
3.697.0030	ragrance-free wax removing detergent LCB-900WR: 4 pcs. x 5 l	4 pcs. x 5 l		X			
3.697.0031	alcaline multi purpose detergent LCB-740F: 4 pcs. x 5 l	4 pcs. x 5 l	X	X		X	
3.697.0032	active chlorine degreasing detergent LCB-800CLF: 4 pcs. x 5 l	4 pcs. x 5 l	X	X		X	
3.697.0034	pickling and antioxidant detergent LCB-800DP: 4 pcs. x 5 l	4 pcs. x 5 l				X	X
3.697.0035	carpet and textile wash detergent LCN-700: 4 pcs. x 5 l	4 pcs. x 5 l				X	X
3.697.0036	foam inhibitor LC-PREFOAM: 6 pcs. x 1 l	6 pcs. x 1 l		X			X
3.697.0044	antiscala LC-PRECAL: 4 pcs. x 5 l	4 pcs. x 5 l	X		X		
3.697.0037	antiscala LC-PRECAL: 6 pcs. x 1 l	6 pcs. x 1 l	X		X		

X = available



PROFESSIONAL LINE



Single disc machines

Impressive stability and working balance, operators could work for hours without any arm or body fatigue.

Transmission with gearbox to ensure duration, power and noiseless; strong handle joint, ergonomic handle with all integrated safety switches with easy controls, protection traceless bumper, optional additional accessories for special applications available on request.

ODM-R 45G

Complete range of single disc machines professional, sturdy, manageable, practical and simple to use.

Adapted in order to satisfy all the cleaning requirements, marble restoration and treatment and natural stones, woods and parquet, moquette, dewaxing, hard scrubbing.

Optional:

Variety of brushes and pads for cleaning of different kinds of floors.



Accessories and brushes not included.

NEW



Technical data:	ODM-R 45G 16-130	ODM-R 45G 16-160	ODM-R 45G 16-180	ODM-R 45G 40-160
code	0.055.0312	0.055.0313	0.055.0314	0.055.0317
type	low speed	low speed	low speed	medium speed
brush speed	165 RPM	165 RPM	165 RPM	400 RPM
scrubbing width	430 mm	430 mm	430 mm	430 mm
voltage	230V / 50HZ	230V / 50HZ	230V / 50HZ	230V / 50HZ
abs. power	1300 W	1600 W	1800 W	1600 W
transmission	helical gear system			
brush contact pressure	40,8 g/cm ²	41,3 g/cm ²	44,3 g/cm ²	34,9 g/cm ²
noise level	60 dB(A)	60 dB(A)	60 dB(A)	60 dB(A)
cable length	12 m	12 m	12 m	12 m
body height	280 mm	280 mm	280 mm	280 mm
dimensions / weight	54,2x42,5x120 cm/35 Kg	54,2x42,5x120 cm/41 Kg	54,2x42,5x120 cm/52 Kg	62,5x50,5x120 cm/45 Kg



Single disc machines



Description	Code	Models	Stripping synthetic floor (PVC)	Stripping cork present floor (linoleum)	Wet scrubbing/basic cleaning of stones, tiles and lino (sensitive floors)	Wet scrubbing/basic cleaning of synthetic or non sensitive floors pvc	Crystallizing	Carpet shampooing	Sanding wood	Sanding cement	Spray cleaning	Spray polishing and buffing
Brushes (*)												
 Carpet brush	0.955.0014	ODM-R 45G						x				
 Scrubbing brush PP 0,6 mm	0.955.0007	ODM-R 45G		x	x							
 Tynex brush	0.955.0004	ODM-R 45G	x			x						
Pad Holder												
 EWU pad holder	0.955.0016	ODM-R 45G	x	x	x	x	x			x	x	
 EWU pad holder	0.955.0017	ODM-R 45G 40-160									x	x
 Abrasive Disc Holder	0.955.0022	ODM-R 45G							x	x		
Special Disc												
 Carborondum disc	0.955.0027	ODM-R 45G								x		
Pads												
 Pad micro fiber 2 pcs	6.508.0116	ODM-R 45G						x				
 Pad beige 5 pcs	6.508.0032	ODM-R 45 G 40-160										x
 Pad red 5 pcs	6.508.0118	ODM-R 45G			x						x	
 Pad green 5 pcs	6.508.0039	ODM-R 45G		x		x						
 Pad black 5 pcs	6.508.0046	ODM-R 45G	x									
 Pad silver Inox 5 pcs	6.508.0121	ODM-R 45G					x					
 Emery paper GR24 disc	0.955.0023	ODM-R 45G							x			
 Emery paper GR60 disc	0.955.0024	ODM-R 45G							x			
 Vidia disc GR24	0.955.0026	ODM-R 45G								x		
 Vidia disc GR36	0.955.0025	ODM-R 45G								x		

X = suitable

(*): Brushed code 0.955.0014, 0.955.0007 and 0.955.0004 must not be used with medium speed model ODM-R 45G 40-160 (code 0.055.0307)

				Stripping synthetic floor (PVC).	Stripping cork present floor (linoleum).	Wet-scrubbing/basic cleaning of stones, tiles and lino (sensitive floors)	Wet-scrubbing/basic cleaning of synthetic or non-sensitive floors (PVC)	Crystallizing	Carpet shampooing	Sanding wood	Sanding cement	Spray cleaning	Spray polishing and buffing			
11 l chemical tank																
				0.955.0001K	SDM-R 45G 16-130	○	○	○	○							
					SDM-R 45G 16-160	○	○	○	○							
					SDM-R 45G 16-180	○	○	○	○							
Detergent																
				LCN-800F	3.697.0023	4 X 5 litres	•	•	•	•						
				LCN-800	3.697.0024	4 X 5 litres	•	•	•	•						
				LCB-740F	3.697.0031	4 X 5 litres			•							
				LCB-900WR	3.697.0030	4 X 5 litres	•									
				LCN-600SVF	3.697.0033	4 X 5 litres	•		•	•						
				LCN-700	3.697.0035	4 X 5 litres						•				
				LCN-680AL	3.697.0025	4 X 5 litres			•						•	•
				LCN-650	3.697.0026	4 X 5 litres				•					•	
LCN-640WM	3.697.0027	4 X 5 litres									•	•				

○ = optional • = available

PROFESSIONAL LINE



Sweepers

FA-SA professional line, available both as electric and gas engine version, is made of sturdy shock-proof steel. Main controls are mechanically operated, to ensure maximum ruggedness and reliability in time.

Top efficiency and work quality are granted by the back load, which allows a more complete dirt collection and consequent reduction of machine stops.

The brushes supplied are perfectly efficient on every kind of surface; tougher brushes are available on request, to meet more demanding cleaning requirements.

Easy routine maintenance: both main and side brush can be replaced by simply unscrewing three screws.

FA-SA line is suitable for cleaning of medium-large surfaces, such as stores, squares, garages, deposits and parkings.

TK 651 M



TK 651 M

- Ideal for small and medium surfaces
- Easy handling
- Wide collector tank with safety lock
- Side brush lifting
- Main brush pressure regulation
- Separate side brush
- Adjustable working load on the brush
- Tilting handle
- 360° front wheel
- Die casting brush arm
- Traceless wheels
- Shock proof frame
- Hourly efficiency (max) 1500 m²/h
- Working area (1 side brush) 500-700 mm.



Technical data:	TK 651 M
code	0.042.0102
main brush width	500mm
main brush + 1 side brush width	700mm
collector tank	40 lt
max working capacity	1500 m ² /h
brushes transmission	elastic belt
pressure on the brushes	regulable
dust-laying system	direct

SW 2600



SW 2600

- Ideal for medium and large surfaces
- Large filter surface with electric filter shaker (ET model)
- Manual filter shaker (ST model)
- Side brush raising control
- Suction switch off
- Flap raise system
- Panel filter in horizontal position
- Main brush pressure regulation
- Indirect back collection
- Quick main brush release
- Long life elastic belts
- Reclining handle
- Suction selection lever
- Traction lever
- Antistatic device
- Wide collector tank
- Heavy duty steel frame
- Side brush mechanical engagement
- Battery and battery charger not included.

Technical data:	SW 2600 BT	SW 2600 SC
code	0.061.0010	0.061.0011
main brush width	510mm	510mm
main brush + 1 side brush width	680mm	680mm
collector tank	45 lt	45 lt
max working capacity	2620 m ² /h	2620 m ² /h
motor type / power	12V/400W	Honda 4 HP/2,9 kW
filtering surface	2 m ²	2 m ²
filter shaker	electric	manual



SW 3700



SW 3700

- Ideal for medium and large surfaces
- Large filter surface with electric filter shaker (ET model)
- Manual filter shaker (ST model)
- Side brush raising control
- Suction switch off
- Flap raise system
- Panel filter in horizontal position
- Main brush pressure regulation
- Indirect back collection
- Quick main brush release
- Long life elastic belts
- Reclining handle
- Suction selection lever
- Traction lever
- Antistatic device
- Wide collector tank
- Heavy duty steel frame
- Side brush mechanical engagement
- Battery and battery charger not included.

Technical data:	SW 3700 BT	SW 3700 SC
code	0.061.0012	0.061.0013
main brush width	710mm	710mm
main brush + 1 side brush width	880mm	880mm
collector tank	60 lt	60 lt
max working capacity	3700 m ² /h	3700 m ² /h
motor type / power	12V/400W	Honda 4 HP/2,9 kW
filtering surface	3,02 m ²	3,02 m ²
filter shaker	electric	manual



SW R 4900 BT



SW R 4900 BT

- Ideal large surfaces • Large filter surface distributed on 5 cartridge filters fitted with electric filter shaker • Side brush raising control • Suction switch off • Flap raise system • Flashing light • Main brush pressure regulation • Indirect back collection • Front dust vacuum system • Quick changing of the main brush and side brush without tools • Long life elastic belts • Suction selection lever • Shock proof steel frame • Traction lever • Antistatic device • Wide collector tank • Heavy duty steel frame • Perfectly balanced weight of the components, thus resulting in totally safe quick changes of direction • Battery and battery charger not included.

Technical data:

SW R 4900 BT

code	0.061.0014
main brush width	650mm
main brush + 1 side brush width	850mm
collector tank	55 lt
max working capacity	4900 m ² /h
motor type / power	12V/1670W (5 motors)
filtering surface	4 m ²
filter shaker	electric



SW R 6200 BT
SW R 8300 SC



SW R 6200 BT / SW R 8300 SC

- Ideal large surfaces • Large filter surface distributed on 6 cartridge filters fitted with electric filter shaker
- Side brush raising control • **Complete left side brush** • Suction switch off • Lift flap pedal • Flashing light • Main brush pressure regulation • Indirect back collection • Front dust vacuum system • Quick changing of the main brush and side brush without tools • Long life elastic belts • Suction selection lever • Shock proof steel frame • Traction lever • Antistatic device • Battery level indicator • Wide collector tank • Heavy duty steel frame • Adjustable seat • Perfectly balanced weight of the components, thus resulting in totally safe quick changes of direction • Battery and battery charger not included • Front light system (optional on request).

Technical data:	SW R 6200 BT	SW R 8300 SC
code	0.061.0015	0.061.0016
main brush width	700mm	700mm
main brush + 1 side brush width	920mm c	920mm
collector tank	62 lt	62 lt
max working capacity	6200 m ² /h	8280 m ² /h
motor type / power	24V / 1150W	Honda 5,5 HP/4,1 kW
filtering surface	6 m ²	6 m ²
filter shaker	electric	electric



SW R 6200 BT Lift SW R 8300 SC Lift



SW R 6200 BT Lift/SW R 8300 Lift

- Ideal large surfaces
- Large filter surface distributed on 6 cartridge filters fitted with electric filter shaker
- Side brush raising control
- Unload device for tank emptying into dust containers up to 110 cm height
- Complete left side brush
- Suction switch off. Lift flap pedal
- Flashing light
- Main brush pressure regulation
- Indirect back collection
- Front dust vacuum system
- Quick changing of the main brush and side brush without tools
- Long life elastic belts
- Suction selection lever
- Shock proof steel frame
- Traction lever
- Antistatic device
- Battery level indicator
- Wide collector tank
- Heavy duty steel frame
- Adjustable seat
- Perfectly balanced weight of the components, thus resulting in totally safe quick changes of direction
- Battery and battery charger not included
- Front light system (optional on request).

Technical data:	SW R 6200 BT Lift	SW R 8300 SC Lift
code	0.061.0017	0.061.0018
main brush width	700mm	700mm
main brush + 1 side brush width	920mm	920mm
collector tank	62 lt	62 lt
max working capacity	6200 m ² /h	6200 m ² /h
motor type / power	rear wheels / 12%	front wheel / 14%
filtering surface	6 m ² / 64,6 ft ²	6 m ²
filter shaker	electric	electric



			TK 651 M	SW 2600 BT	SW 2600 SC	SW 3700 BT	SW 3700 SC	SW R 4900 BT	SW R 6200 BT	SW R 8300 SC	SW R 6200 BT LIFT	SW R 8300 SC LIFT
	0.961.0001	paper panel filter 14 micron		S	S							
	0.961.0002	paper panel filter 14 micron				S	S					
	0.961.0016	polyester panel filter 5 micron		O	O							
	0.961.0018	Hepa panel filter		O	O							
	0.961.0017	polyester panel filter 5 micron				O	O					
	0.961.0019	Hepa panel filter				O	O					
	0.961.0003	cartridge paper filter 14 micron						S				
	0.961.0004	cartridge paper filter 14 micron							S	S	S	S
	0.961.0020	cartridge polyester filter 20 micron						O				
	0.961.0024	cartridge polyester filter 20 micron							O	O	O	O
	0.961.0025	Hepa cartridge filter							O	O	O	O
	0.942.0037	PP side brush	S									
	0.961.0005	PP side brush		S	S	S	S					
	0.961.0006	PP side brush						S				
	0.961.0007	PP side brush							S	O	S	O
	0.961.0023	mixed steel side brush							O	S	O	S
	0.961.0085	mixed steel side brush		O	O	O	O					
	0.942.0050	PP main brush	S									
	0.961.0008	PP - moplen body main brush - bristle d. 0,5 mm		S	O							
	0.961.0009	PP - moplen body main brush - bristle d. 0,5 mm				S	O					
	0.961.0010	PP - moplen body main brush - bristle d. 0,5 mm						S				
	0.961.0011	PP - moplen body main brush - bristle d. 0,5 mm							S	O	S	O
	0.961.0012	mixed steel - moplen body main brush		O	S							
	0.961.0013	mixed steel - moplen body main brush				O	S					
	0.961.0014	mixed steel - moplen body main brush						O				
	0.961.0015	mixed steel - moplen body main brush							O	S	O	S
	0.961.0021	left side arm brush (with brush)						O				
	0.961.0022	left side arm brush (with brush)							S	S	S	S
	0.961.0026	trolley for collector tank set (SWL 700)		O	O							
	0.961.0027	trolley for collector tank set (SWL 900)				O	O					
	0.961.0029	steel collector tank							O	O	O	O
	0.961.0028	side brush protection		O	O	O	O					
	0.961.0030	side brush protection							O	O	O	O
	0.107.0002	Tubular battery Pb-acid - 12V 118Ah C5		O1	O1	O2						
	0.107.0063	GEL Battery 12 MFP 105 - 12V 105Ah C5		O1	O1	O2						
	0.107.0004	Tubular battery Pb-acid - 6V 180Ah C5		O2	O2			O4		O4		
	0.107.0072	GEL Battery 6 MFP 180 - 6V 180Ah C5		O2	O2			O4		O4		
	0.108.0001	LWS 1 - 12/24V - 12A										
	0.108.0002	LWS 2 - 12/24V - 25A										

S = standard equipment O = optional (1)-(2)= n° batteries



PROFESSIONAL LINE



Steam generators

IVP is an electric generator producing saturated steam, at 10 atm pressure and 180°C temperature.

IVP is suitable to degrease and sanitize any object or surface in an easy, ecological and definitive way, even in less reachable places, without any need of specific disinfecting products. This allows to reduce operating time to a minimum, thus resulting in a substantial decrease of labour costs as well as in energy saving and reduction of exhaust residuals to waste.

It is ideal for food and baking industry, for private and institutional use, for pharmaceutical and mechanical industry, for dairy factories, for building sectors and so on.

IVP 3.0 VAC 4000

NEW



IVP 3.0 VAC 4000

- Stainless steel body AISI 304
- Ready steam warning lamp
- Boiler 3kW S/S AISI 304 - Thickness 25/10
- Low level water lamp indicator
- Boiler is refilled continuously
- Switch for using chemicals and detergents mixed with steam
- Device for cleaning hot water mixed with steam
- Washable filter
- Flex hose 4 m
- Recovery tank capacity 64 l
- Drain hose system
- Steam regulation
- Wheels suitable for use in food processing area
- Blower system available
- ON/OFF main switch with indicator lamp
- ON/OFF boiler switch with indicator lamp

Technical data:

IVP 3,0 Vac 4000

Code	8.451.0102
abs. power	3 Kw/230V-Ph1
max pressure	7 bar
steam production	3,5 Kg/h
max temperature	158° C
water tank capacity	5 l.
detergent tank	5 l.
vacuum motor	1100 W
depression	20.39 kPa / 2000 mmH2O
suction air	220 m3/h



Steam Generator



IVP 3.3 M Gold



IVP 3.3 M Gold

- Saturated steam at 9 bar at 175°C temperature
- Steam gun with low tension control
- Made of AISI 304 stainless steel
- Boiler 3,3 kW S/S AISI 304. Thickness 25/10
- Heating and activation time required: 7 min.
- Steam regulation
- Discharge valve
- Pressure gauge
- Device for using chemicals and detergents mixed with steam
- The boiler can be refilled from the tank provided (continuous duty)
- Pivoting wheels with brakes, suitable for use in food processing areas.

Technical data:

IVP 3,3 M Gold

Code	8.450.0027
abs. power	3,3 Kw/230V-Ph1
max pressure	9 bar
steam production	4,62 Kg/h
max temperature	175° C
water tank capacity	5l.
detergent tank capacity	5l.



IVP Vesuvio



IVP Vesuvio

- Built-in AISI 304 stainless steel • Pivoting wheels with brakes, suitable for use in food processing areas
- The boiler can be refilled from the tank provided (continuous duty) • Temperature regulator • Discharge valve • Pressure gauge • Device for using chemicals and detergents mixed with steam • Heating and activation time required: 6 min. • Control with low tension controls • Control panel: ON-OFF main switch, indicator lamp, thermoregulator, water and warning light (with buzzer), boiler activating key, gun activating key • Saturated steam at 10 bar at a temperature of 180°C

Technical data:	IVP 10 Vesuvio	IVP 18 Vesuvio	IVP 30 Vesuvio
Code	8.452.0010	8.452.0002	8.452.0001
Absorbed power	18 Kw 400V-50Hz (Ph3)	18 Kw 400V-50Hz (Ph3)	30 Kw 400V-50Hz (Ph3)
Max pressure	10 bar	10 bar	10 bar
Steam production	15 Kg/h	22,5 Kg/h	37,5 Kg/h
Max temperature	180° C	180° C	180° C
Boiler type/volume	inox AISI 304 18 l.	inox AISI 304 18 l.	inox AISI 304 18 l.
Water tank capacity	25 l.	25 l.	25 l.
Detergent tank capacity	5 l.	5 l.	5 l.
Heating and activation time required	7 min	7 min	6 min



Steam generator diesel



GV Major

NEW



Kolumbo

- Vertical burner with high thermal efficiency steel coil
- Auxiliary motor for burner
- Discharge valve: allows a complete discharge of the boiler
- Temperature regulator: the temperature is set-up by an electronic regulator
- Steam pressure gauge
- Low fuel lamp
- Double pipe gasoil pump
- User-friendly control panel
- Unit can be continually refilled
- Designed for use with 2 guns (Kolumbo 2 way)
- With battery and battery charger (Kolumbo cordless)

Technical data:	Kolumbo
Code	8.628.0002
Electric source	1Ph 110V~120V, 220~240 / 50~60 Hz
Connected Load	350 W
Fuel / water tank	25 / 25 lt
Burner Fuel	Diesel
Fuel Consumption	3,0 lt/h
Pre-heating time	2 min.
Steam Production	37,5 kg/h
Steam Pressure	10 bar
Steam Temperature	178° C



IVP 3.0 VAC 4000

1	5.211.0068	Steam / suction handle complete with hose	S
2	3.754.0215	Glass wiper for small rectangular nozzle 230 mm	S
3	3.754.0196	Glass wiper for small rectangular nozzle 150 mm	S
4	3.754.0197	Brush for small rectangular nozzle	S
5	3.754.0194	Small rectangular nozzle steam/suction	S
6	3.754.0109	Bristle connection for accessory holder brush	S
7	3.754.0108	Glass wiper connection for accessory holder brush	S
8	3.754.0110	Carpet connection for accessory holder brush	S
9	3.754.0192	Accessory holder brush steam/suction	S
10	3.754.0204	Round suction brush	S
11	5.209.0126	Steam/suction nozzle for chairs	S
12	3.754.0005	Suction flat lance	S
13	3.754.0195	Accessory connection with steam/suction nozzle	S
14	6.402.0071	Small nylon bristles brush Ø 30	S
15	6.402.0008	Small brass bristles brush Ø 30	S
16	6.402.0073	Small stainless steel bristles brush Ø 30	S
17	3.753.0085	Extension pipes steam/suction	S
18	5.209.0151	Flexible suction hose	S



IVP 3.3 M GOLD

1	3.754.0228	rectangular brush	S
2	3.754.0229	triangular brush	S
3	3.754.0230	turbo lance with nozzle	S
4	3.754.0231	nylon bristle brush Ø 28	S
5	3.754.0232	brass bristle brush Ø 28	S
6	3.754.0233	steel bristle brush Ø 28	S
7	3.754.0234	nylon bristle brush Ø 50	S
8	6.402.0096	triangular nylon bristle brush	S
9	3.099.0126	cloth for triangular brush	S
10	6.402.0095	steam scraper	S
11	3.754.0235	steam glass wiper	S
12	5.409.0256	3 mt flexible hose + gun and detergent switch	S
13	3.753.0111	steam extension hose	S
14	3.754.0250	brush-joint	S



			Kolumbo	GV Vesuvio 10/18	GV Vesuvio 30
1	6.402.0080	Steam gun with hose (3,5 m)	O	S	S
1	6.402.0087	Steam gun with hose (6 m)	S	O	O
1	6.402.0085	Steam gun with hose (10 m)	O	O	O
1	6.402.0093	Steam gun with hose (15 m)	O	O	O
1	6.402.0090	Steam gun with hose (20 m)	O	O	O
2	6.402.0092	Straight lance mm 750 without nozzle	O	O	O
3	6.402.0081	Straight lance mm 175 without nozzle	S	S	S
4	6.402.0082	Curved lance mm 250 without nozzle	S	S	S
5	6.402.0083	Straight lance mm 425 without nozzle	S	S	S
6	6.402.0046	Black plastic scraper l. 50	S	S	S
7	6.402.0047	Stainless steel bristles brush Ø 30	S	S	S
8	6.402.0048	Brass bristles brush Ø 30	S	S	S
9	6.402.0045	Nylon bristles brush Ø 30	S	S	S
10	6.402.0069	Glass wiper	S	S	S
11	6.405.0197	Coupling for tanks Ø 40	O	O	O
12	6.402.0094	Extension 650 mm	O	O	O
13	6.402.0097	Lance with flat nozzle	O	O	O
14	6.402.0098	Brass bristles brush Ø 80	O	O	O
-	4.407.0077	Nozzle Ø 2,9 mm (2 pz.)		S	
-	4.407.0079	Nozzle Ø 3,75 mm (2 pz.)			S



Model	Weight Kg	Package dimensions cm	N° pieces for pallet
Sound	8	30 x 27 h 51	36
House	9,5	38 x 29 h 50	32
Mambo	10,5	38 x 29 h 54	32
Exxel	17,5	37 x 37 h 56	24
Techno 140	9,5	60x31 h27	36
Techno 150	10	30x31 h27	36
Techno 160	11,2	57x38 h 30	24
Fox	22	37 x 37 h 62	18
Progressive	27	40 x 42 h 105	12
Niagara	24	39 x 39 h 71	18
Kappa A	51	63 x 43 h 63,5	8
Kaiman	67	85 x 64 h 100	1
Antartic	24	60 x 38 h 72	12
Bering	27	40 x 42 h 105	18
Artic	35	60x38 h 73	12
Caspian	24	60 x 38 h 72	12
Ocean 1211	39	75 x 40 h 62	9
Ocean 1510	36	75 x 40 h 62	9
Ocean 1515	46	75 x 40 h 62	9
Ocean 2015	47	75 x 40 h 62	9
Pacific 1211	51	50 x 60 h 107	1
Pacific 1515	53	50 x 60 h 107	1
Pacific 2015	55	50 x 60 h 107	1
Pacific 2021	75	50 x 60 h 107	1
Pacific 2515	75	50 x 60 h 107	1
Explorer 2015	59	55 x 62 h 58	12
Explorer 2021	59	55 x 62 h 58	12
Clark5H	40	55 x 75 h 68	1
Clark11H	64	104 x 66 h 90	1
Clark13H	61	104 x 66 h 90	1
Indian	71	65x85 h 100	1
Sundek5 30	118	71x113 h 111	1
Sundek5 40	118	71x113 h 111	1
Sundek5 31Y	130	71x113 h 111	1
Sundek5 55Y	143	71x113 h 111	1
Sundek5 75Y	146	71x113 h 111	1
Maxima 1515	161	71x113 h 111	1
Maxima 2015	172	71x113 h 111	1
Maxima XXL 2015	175	71x113 h 111	1
Maxima XXL 2021	183	71x113 h 111	1
Clark Hot 10	160	120 x 80 h 107	1
Clark Hot 17	240	120 x 80 h 107	1
WS 20	9,5	37 x 37 h 62	18
Dixon	11	37,5x 37 h 80,5	15
GTX 32E	10	37 x 37 h 81	18
Windy 265 PF	18,8	60X48 h 87	8
Windy 265 IF	19,8	60X48 h 87	8
Windy 365 PR	25,5	65x55 h 104	4

Model	Weight Kg	Package dimensions cm	N° pieces for pallet
Delta 35 inox	11,5	44 x 44 h 62	18
Domino 53 inox	21,5	62 x 53 h 92	4
Domino 78 inox	30,5	75 x 60 h 103	4
Domino 78 inox BS	33,5	75 x 60 h 103	4
Titano PL-BS	32,5	75 x 60 h 103	4
Titano inox BS	34,5	75 x 60 h 103	4
A1 36E	46	81 x 56 h 80	1
A1 36	65	81 x 56 h 80	1
A3 45E	73	106 x 50 h 88	1
A3 45*	58	106 x 50 h 88	1
A5 EVO 50E	96	121 x 58 h 121	1
A5 EVO 50BT	99	121 x 58 h 121	1
A5 EVO 50T	101	121 x 58 h 121	1
A8 66TA*	83	111 x 61 h103	1
A9 50T	127*	133 x 73 h 127	1
A9 55T	130,5*	133 x 73 h 127	1
A9 66T	134*	133 x 73 h 127	1
A12 66T	168,5*	156 x 74 h 128	1
A12 75T	183*	156 x 74 h 128	1
A12 Rider	160	123 x 63 h 121	
A13 75 Essential	220	152 x 97 h 147	1
A13 75 UP	223	152 x 97 h 147	1
A13 82 UP	233	152 x 97 h 147	1
A18 5700	345	200 x 118 h 171	1
A18-R 5300	410	200 x 118 h 171	1
A24 6000	432	200 x 118 h 171	1
A24 7100	462	200 x 118 h 171	1
A35 7100	585	230 x 135 h 181	1
A35 8500	635	230 x 135 h 181	1
ODM-R 45G 16-130	41	42 x 34 h 112	24
ODM-R 45G 16-160	42	54 x 42 h 120	16
ODM-R 45G 16-180	48	54 x 42 h 120	16
ODM-R 45G 40-160	46,5	54 x 42 h 120	16
TK 651 M	25	79 x 76 h 46	5
SW 2600 BT	78	126 x 63 h 85	1
SW 2600 SC	77	126 x 63 h 85	1
SW 3700 BT	89	126 x 63 h 85	1
SW 3700 SC	97	126 x 63 h 85	1
SW R 4900 BT	186	115 x 80 h 120	1
SW R 6200 BT	260	143 x 91 h 114	1
SW R 8300 SC	300	143 x 91 h 114	1
SW R 6200 BT LIFT	310	163 x 91 h 114	1
SW R 8300 SC LIFT	350	163 x 91 h 114	1
IVP 3,0 VAC 4000	41,4	75 x 60 h103	2
IVP 3,3M GOLD	37	59,5 x 44 h 65	2
IVP 10 Vesuvio	130	1300 x 780 h 1080	1
IVP 18 Vesuvio	134	83 x 55 h 137	1
IVP 30 Vesuvio	134	83 x 55 h 137	1
GV Major	120	78 x 130 h 109	1

GENERAL TERMS OF SALE Goods travel at buyer's risk.

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