



*just pure water
low & high pressure units*

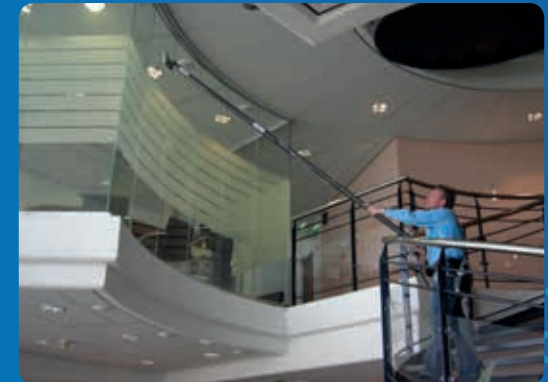
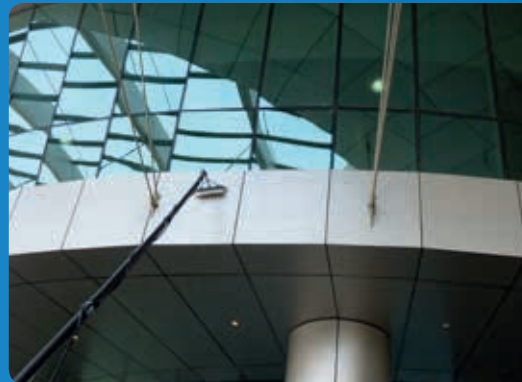


ABOUT US

Baudoin Wash-Systems bv is the specialist for producing cleaning solutions with pure water and carbon wash poles, with over 30 years of experience.

Baudoin is constantly developing techniques and innovations in the area of glass, façade, cladding, solar panels and nautic cleaning installations. The products of Baudoin are manufactured and assembled in our own workshop in Waalwijk, the Netherlands, which allows us to constantly monitor and maintain high quality standards.

In recent years Baudoin received several Innovation Awards and nominations for different cleaning solutions with pure water all over the world. Technique is developing all the time and so are our products. With Baudoin you are in the winning team!



Why choose a Baudoin system?

high quality
reliability
flexibility

total concept supplier
ergonomics
durability

WHAT WE DO



Baudoin develops and produces 100% custom-made Pure Water systems from high quality sustainable materials such as stainless steel, carbon and PE.

Baudoin and its dealers will translate all your needs into a personalised cleaning solution. Baudoin's multifunctional system can be used for different kinds of cleaning disciplines. With no need for separate dedicated devices, this saves in the investment.



built in
vans & trailers containers
hydraulic hoists buildings
electric vehicles boats

ideal for cleaning
public areas pools
hotels yachts
hospitals airplanes



BAUDOIN ECO-HYBRID WASHER

touchscreen control panel
with wifi remote control



low pressure pumps

- 8.5 - 10 bar
- for up till 35 m high



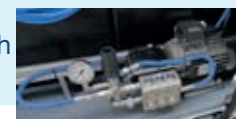
mid pressure pump

- 6 - 16 bar
- for up till 80 m high



high pressure pump

- 30 - 120 bar
- for up till 120 m high
- 9 l / min



industrial cable reel

- 25 m electric cable
- spring driven

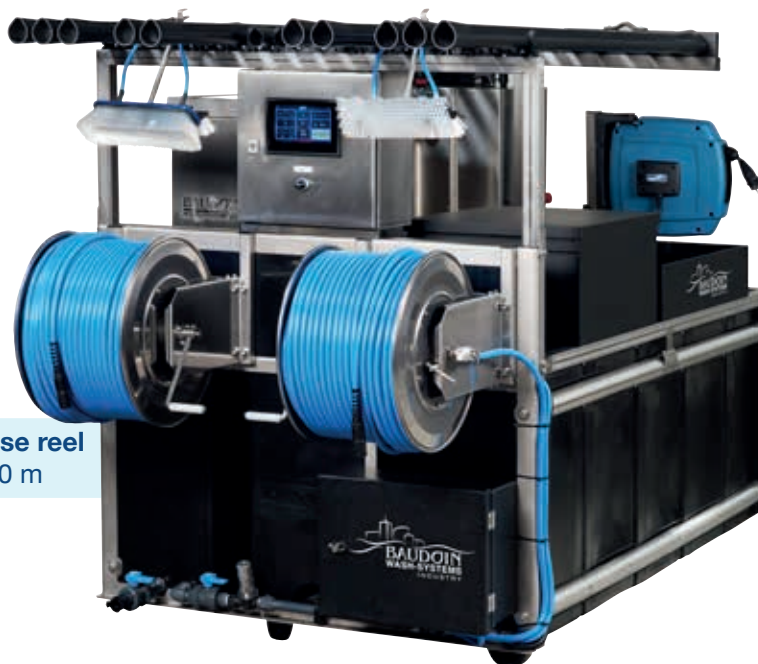


tap water supply
hose reel

- 20 or 35 m hose
- spring driven



hose reel
120 m



3-cylinder silent generator

- 55 dB
- option hybrid generator



power module
8 kW



lithium-ion
battery bank



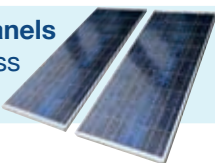
battery
charger



charger booster
Euro 6 van



solar panels
with glass
surface



solar
charge
controller



Baudoin Aqua Force Unit

BAFC500 BAFC900
± 400 l / h ± 900 l / h



Baudoin inverter



Baudoin Eco-Hybrid
Aqua Heating unit



Carbo Clean Pole

- Trend Line 35 or 45
- 15 m blue work hose



rotating wash brush

for cleaning solar panels,
glass and facade



Why the Eco-Hybrid Washer?

environmentally friendly
sustainable investment
versatile

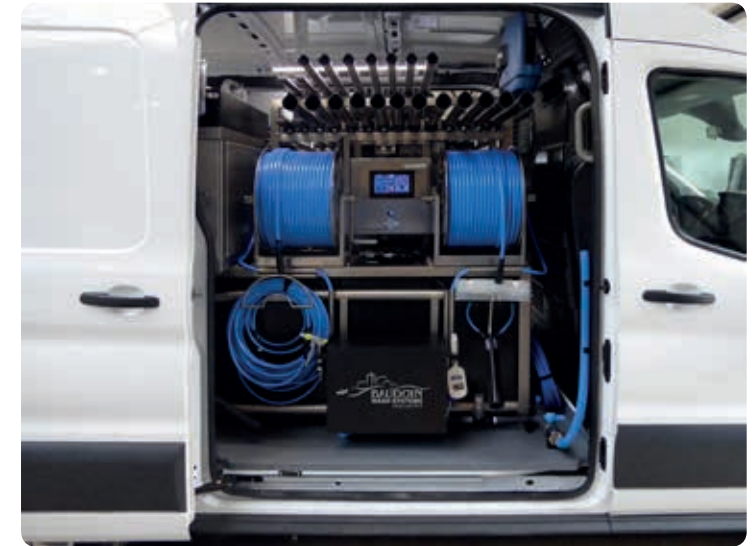
great ease of use
low cost
time saving

Baudoin Eco Hybrid Washer

In this system a Aqua Heating unit is used in combination with an electric heating element. This makes it the first fully hybrid wash-system with heated pure water for specialised cleaning.

The Aqua Heating Unit with unique blue-flame burning technology offers 60% reduction in diesel consumption and reduction in CO2 emissions. It is environmentally friendly, yet still meets high capacity requirements. This unit can be equipped with low-, middle- and high pressure. The high quality lithium batteries for power supply can even be charged up with solar panels.

The maintenance for the entire system is reduced to a minimum. Maintenance-status and filter condition of the system can be easily found in the control panel.



Touchscreen control panel

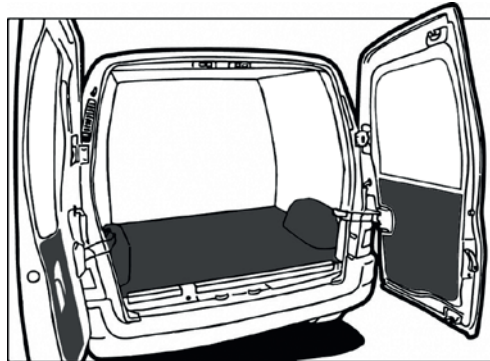
Easy to use and maximum control over power and water. Because of the full overview of the operations, it saves a lot of time and effort. A big advantage is that the system can also be operated remotely on a smartphone or computer. Any possible error message is immediately displayed on the screen. Warning notifications such as low voltage, water production etc. come in wirelessly, resulting in cost and time savings.



WATERPROOF COATING

Protect your cargo area

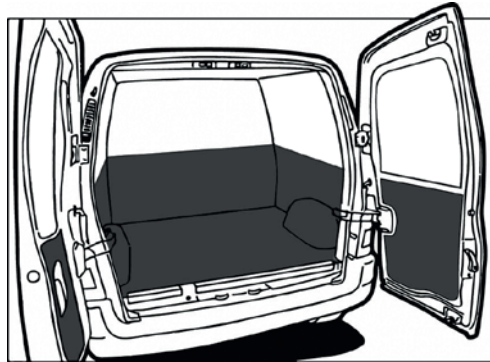
The ultimate solution for a durable protection of the cargo area of vans! Thanks to the permanent adhesion to the panelling and the seamlessly painted finish, this coating offers the perfect protection against moisture, dirt and the most extreme conditions.



LOW

loading floor provided with wood and coating

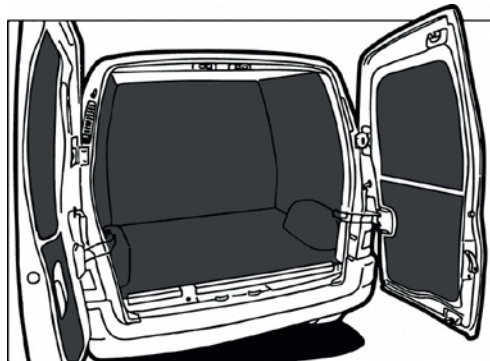
- birch plywood floor plate (9 mm)
- sanding and seal with kitt
- application of primer (on epoxy basis)
- low coating of the load compartment
- underparts of rear doors with wood plating and coating



HALF-HIGH

loading floor & walls provided with wood and coating

- birch plywood floor plate (9 mm)
- birch plywood sidewall panels (9 mm, half-high)
- sanding and seal with kitt
- application of primer (on epoxy basis)
- half-high coating of the load compartment
- underparts of rear doors with wood plating and coating



HIGH

loading floor & walls provided with wood and coating

- birch plywood floor plate (9 mm)
- birch plywood sidewall panels (9 mm, high)
- sanding and seal with kitt
- application of primer (on epoxy basis)
- high coating of the load compartment
- upper and lower rear doors with wood plating and coating

Characteristics coating

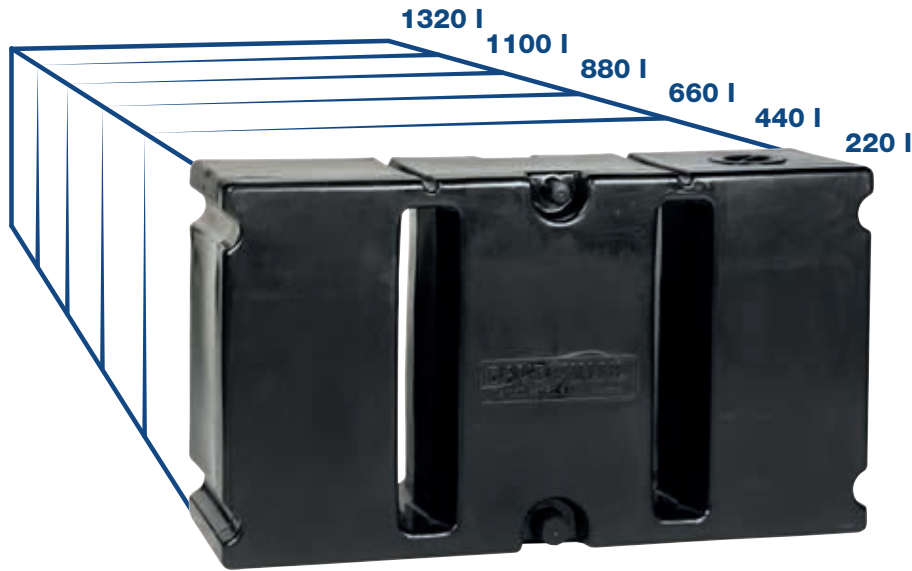
colour:	battleship Grey
thickness:	ca. 2 mm
finishing:	anti-slip spray structure



EXTRA OPTIONS

- Wooden box around the wheel housing and coating
- Water drainage by means of a pipe through the bottom

THE BASICS



The tank

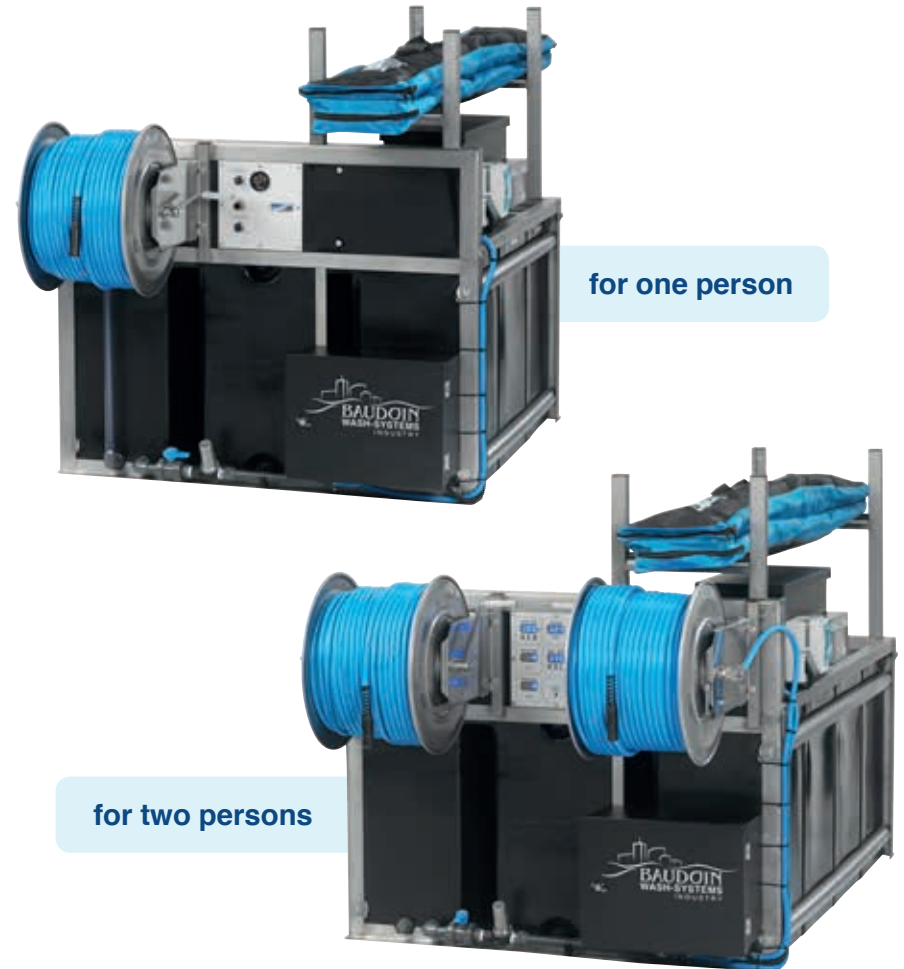
The structure of the Baudoin system starts with the tanks, which are specially designed to prevent rocking of the water while driving. Due to the black color of the tanks the sunlight cannot get through, so the quality of the pure water is guaranteed. Each tank can carry 220 liters of pure water. To define the quantity of tanks, a calculation is made. We take the loading capacity of the vehicle and deduct the total weight of the system. What is left in weight can be used for water in the tanks.

The tanks will be mounted in a solid stainless steel closed frame on the chassis of the vehicle. The rest of the system will be build on top of the frame. This results in a safe and sustainable construction.

The reel

Due to the large amount of unwinding and rolling up of the hose, a solid hose reel is necessary. Baudoin uses a robust industrial stainless steel hose reel for 120 meters of blue flexible hose (10x15 mm). Other lengths are available as well as spring driven or electric hose reels.

The quantity of hose reels depends on how many people will work with the system. The hose reel can be placed at the back as well as at the side of the system, depending on the vehicle.



BAUDOIN AQUA FORCE PURE WATER FILTER UNITS

Pure water is required to obtain a stripeless and shiny result. We develop and produce our own pure water filter units to high standards. Low maintenance and easy to use units for filling your tank(s) with ultra-pure water.



Baudoin Aqua Force Compact 250 BAFC 250

- produces ca. 180 l of pure water per hour
- ca. 55 kg

- stainless steel frame 75x38x59 cm
- flow meter
- with computer

Baudoin Aqua Force Compact 500 BAFC 500

- produces ca. 360 l of pure water per hour
- ca. 75 kg

- power 230 V / 1450 W
- integrated water filter
- front pressure pump



Baudoin Aqua Force Compact 450 BAFC 450

- produces ca. 360 l of pure water per hour
- ca. 65 kg
- stainless steel frame 120x38x38 cm
- power 230 V / 1450 W

- flow meter
- with computer

Baudoin Aqua Force Compact 900 BAFC 900

- produces ca. 900 l of pure water per hour
- ca. 115 kg
- frequency drive pressure pump
- stainless steel frame 125x45x45 cm
- power 230 V / 2500 W

- integrated water filter
- front pressure pump

this fixed unit can be used in combination with a storage-tank (1000 to 10.000 liter) as a **tankstation**, to fill multiple units quickly.



Baudoin Aqua Force Compact 500 BAFVC 500

- produces ca. 400 l of pure water per hour
- ca. 300 kg
- power 230 V / 2650 W

- stainless steel frame 317x70x190 cm
- flow meter
- with computer

Baudoin Aqua Force Compact 1000 BAFVC 1000

- produces ca. 1000 l of pure water per hour
- ca. 375 kg
- frequency drive pressure pump
- power 230 V / 3450 W

- integrated water filter
- front- and filling pressure pump
- water softener and DI filter

BAUDOIN AQUA FORCE PURE WATER FILTER UNITS **MOBILE**



Baudoin Aqua Force Smart 200 SMA200

The smallest pure water unit in our product range. For washing small projects and objects directly from the unit with 1 person. Easy to move because of the 2 wheels on the back of the unit.

- Produces 180 l of pure water per hour
- ca. 45 kg
- stainless steel frame 75x38x38 cm
- without computer
- power 230 V / 650 W
- integrated water filter
- with automatic waterstop



Baudoin Aqua Force Compact Mobile 250 BAFCM 250

- produces ca. 180 l of pure water per hour
- ca. 95 kg

- stainless steel frame 75x38x130 cm
- stainless steel hose reel (60 m)
- flow meter
- with computer

Baudoin Aqua Force Compact Mobile 500 BAFCM 500

- produces ca. 360 l of pure water per hour
- ca. 115 kg

- power 230 V / 1450 W
- integrated water filter
- front pressure pump
- equipped with 2 fixed and 2 swivel wheels



Baudoin Aqua Force Combi Mobile 500 BAFCOM 500

Fully automatic mobile pure water unit with extra pressure pump. This unit makes it possible to wash with large volumes of pure water with 2 persons, also on heights up to 80 m, for example on a rooftop. The perfect mobile solution for places that are hard to reach with a vehicle.

- produces 360 l of pure water per hour
- 175 kg
- stainless steel frame 75x64x130 cm
- stainless steel hose reel (60 m)
- 80 l buffer tank
- with computer
- power 230 V / 2100 W
- integrated water filter
- front pressure pump
- flow meter
- equipped with 2 fixed and 2 swivel wheels.

AQUA HEATING UNIT

By using a heater to warm up the pure water, a timesaving of up to 40% can be realised, which results in cost saving. The use of chemicals is no longer needed. The pure water in the tank will be heated up quickly to 45 °C. The heaters are available in 2 versions, 12Kw **Blue Line** and 25Kw **Eco line**. Baudoin Eco heaters are very efficient because of the Blue Efficiency technology.

Low-temperature exhaust gas

The Baudoin **Eco Line** Heater uses Blue Efficiency® technology (blue-flame technology) and has a very high core temperature of at least 1450 °C. In comparison, yellow-flame burners produce temperatures of around 800 °C. The optimised design of the boilers in these heaters enables exhaust-gas temperatures of under 220 °C, much less than yellow-flame burners. The high efficiency ensures optimal heat utilisation.

100% soot-free

The Baudoin **Eco Line** Heater is 100% soot-free thanks to the complete combustion achieved by the blue-flame technology. In addition, usage is permitted in 'clean' cities (no restrictions in environmental zones!)

94% efficiency with low fuel consumption

Thanks to the sustainable Blue Efficiency® technology in combination with the fully soot-free combustion, the Baudoin **Eco Line** Heater achieves continual efficiency of 94%, which permanently guarantees the efficiency of the boiler. As a result, it uses less fuel and saves a significant amount of litres diesel oil per year.

Less noise

The Blue Efficiency® burners are extremely quiet. They have been specially optimised to reduce the noise levels of the boiler itself. The solid stainless steel casing helps to reduce further noise emissions. Specific to this boiler is its burner's silent start.

Low maintenance

Lower maintenance costs as the boiler remains clean inside. The components are also easy to replace.

Small dimensions, large capacity

Despite its large capacity the Baudoin Eco Line heater is small in size. Ideal for installation in a compact space like a vehicle or trailer.

Baudoin Eco Line

no soot emissions

compact size

low fuel consumption

low cost operation

low electricity consumption

sustainable investment





Baudoin Aqua Heating Unit Blue line BAHBLUE012

This is the smallest heater and is used in a 12 V system with a converter to 230 V.

- 12 kW heating power
- 255 W power usage
- Whisper quiet
- powerful
- low soot emission compared to regular diesel heater
- low diesel consumption 0,9 liter per hour
- Lightweight
- long lifespan
- space-saving
- fully automatic
- with analogue display



Baudoin Aqua Heating Unit Eco Line BAHECO25

This is the biggest heater and is used in a 24 V system with a converter to 230 V.

- 25 kW heating power
- 196 W power usage
- whisper quiet
- very powerful
- low diesel consumption. 1,9 l per hour
- unique blue flame technology
- 94% efficiency
- 100% soot free
- environmentally friendly
- TÜV certified
- fully automatic
- touchscreen control



Baudoin Aqua Heating Unit Eco Hybrid BAHECO-HYBRID

Both versions can be delivered in a hybrid version. This means that the unit can be heated by using diesel and electricity 230V (1000W-2000W-3000W). The hybrid heater is 100% soot free.



Both the Eco Line and the Eco Hybrid are equipped with a digital colour touchscreen, which can be controlled remotely. For a personal touch, your company's logo can be implemented in the display.

HIGH PRESSURE

used for

- working on heights up to 120 m
- cleaning façades and pavings
- rotating brush



The high pressure pump can run on 230 Volts, which is available on nearly every job. It has a pressure of up to 120 bar and uses ca. 9 liters of (pure) water per minute. With a 3-way valve you have the option to use pure water from the tank or tap water.

More pressure? Please ask us for the high pressure pumps options in 400 Volts or Diesel.

High pressure station

Baudoin Aqua Force Pure Water Filter unit for 2000 liters per hour, with 200 and 350 bar stainless steel high pressure pumps. The entire system is 400 Volts and 100% electric.



Baudoin Rotating Wash Brush

Water pressure: min. 100 bar / max. 160 bar

Water quantity: min. 7 l / min. / max. 10 l / min

The Baudoin rotating brush offers a professional solution for cleaning solar panels, glass and façades. Ideal for use with Baudoin Pure Water.

To be used with Trend Line 45 Carbo Clean Poles.

Rotating Wash Brush Set 13803015

- rotating brush ca. 40 cm wide
- 120 cm Trend Line 45 end pole
- integrated high pressure gun
- 150 cm DN5 hose with M22 connection



EXTRA OPTIONS

- Splash guard
- Gooseneck 30°
- 170 cm Trend Line 45 extension poles



POWER SUPPLIES

To provide the entire Baudoin system with power, we will calculate the power requirements. A completely fused electrical package will be assembled on the system. Baudoin opts for the use of high-quality batteries for a long-term reliable power supply.



AGM batteries

Heavy Duty / Deep-Cycle Batteries

- 200 Ah
- suited for 12 V or 24 V
- high frequency battery charger



Lithium-Ion batteries

Long life Lithium-Ion Batteries, with highest energy density. In addition to all the advantages of lithium, you also save a lot of weight.

- Lithium-ION
- suited for 12 V or 24 V
- lightweight



Quiet diesel generator set

Complete built-in electricity group for Baudoin Wash System.

- 3 cylinder permanent magnet generator with external power module
- unique sound-controlled housing
- radiator cooling kit for the diesel engine
- internal mounting system reduces vibrations
- self-diagnostic capabilities simplify troubleshooting
- service and maintenance points accessible through easy-latch service door
- comes with a dry exhaust kit and universal fuel kit
- DC remote battery switch for safe start-up of the generator
- continuous system output 10 kVa - 8 kW
- output voltage 230 V / frequency 50 Hz
- RPM range 2200 - 2800 r / min
- size: length 720 mm, width 545 mm, height 600 mm
- sound: 54 dB (A) at 7 m / 65 dB (A) at 1 m
- fuel consumption 1,2 - 2,5 l / h

CARBO CLEAN POLE



Trendline

In 2003 Baudoin Wash-Systems developed its own ergonomic and strong washing pole. The big advantages of the Carbo Clean Pole are the weight, shape, stiffness, material and easy connect system. This allows to lengthen the pole quick and simple. Each complete clean pole exists of a protected end pole, extension pole(s), a brush head and a blue hose.

Trend Line 35

35 mm thick carbon poles. Available as 120 cm protected end pole and 150 cm long extension pole. Can be built up to 9 meters pole length.

Trend Line 45

45 mm thick carbon poles. Available as 120 cm protected end pole and 170 cm long extension pole. Can be built up to 18,5 meters pole length.

No doubt that this clean pole is the best available on the market! We offer a wide range of standard brushes, with or without sill brush. The brushes are equipped with DN6 Pro nipples. Because we have our own workshop, we can provide custom-made brushes.

Trolley

This trolley provides enough space to carry complete Carbo Clean Pole sets. Ideal for easy transportation to hard to reach locations.

Trolley 9 positions
GKST9P

Trolley 11 positions
GKST11P



6 m Trendline 35 Set CCP35TL6

- 1 x 120 cm end pole
- 3 x 150 cm length poles
- 1 complete wash brush
- 10 m blue hose

9 m Trendline 35 Set CCP35TL9

- 1 x 120 cm end pole
- 5 x 150 cm length poles
- 1 complete wash brush
- 10 m blue hose

13,4 m Trendline 45 Set CCP45TL134

- 1 x 120 cm end pole
- 7 x 170 cm length poles
- 1 complete wash brush
- 15 m blue hose

18,5 m Trendline 45 Set CCP45TL185

- 1 x 120 cm end pole
- 10 x 170 cm length poles
- 1 complete wash brush
- 20 m blue hose



WASH BRUSH



CCPL28WR

Complete semicircular brush 28 cm wide

Arm length	Trend 35	Trend 45
direct	CCP28W35R	CCP28W45R
7cm	CCP28W35RA	CCP28W45RA
15cm	CCP28W35RAL	CCP28W45RAL



CCPL28WS

Complete brush with sill brush 28 cm wide

Arm length	Trend 35	Trend 45
27,5 cm	CCP28WS35	CCP28WS45



CCPL20W

Complete brush 20 cm wide

Arm length	Trend 35	Trend 45
direct	OCTL35W2030	OCTL45W2030
7cm	OCTL35W2030A	OCTL45W2030A
15cm	OCTL35W2030AL	OCTL45W2030AL



CCPL28BR

Complete brush 28 cm wide

Arm length	Trend 35	Trend 45
27,5 cm	CCP28W35	CCP28W45



CCPL25SP

Complete sponge 25 cm wide

Arm length	Trend 35	Trend 45
direct	OCTL25SP35	OCTL25SP45
7cm	OCTL25SP35A	OCTL25SP45A
15cm	OCTL25SP35AL	OCTL25SP45AL



CCPL28WR

Complete semicircular vertical brush 28 cm wide

Arm length	Trend 35	Trend 45
direct hinged	CCP28VDW35	CCP28VDW45



5207310

Complete doodlebug pad holder 23 cm wide

Arm length	Trend 35	Trend 45
direct	CCP25D35	CCP25D45



Blue work hose 6x10 mm with DN6 nipple and coupling

length	Trend 35 and Trend 45
10 m	WH610B10P
15 m	WH610B15P
20 m	WH610B20P
25 m	WH610B25P

INDOOR CLEAN POLE



Baudoin Indoor Set ICP35K150

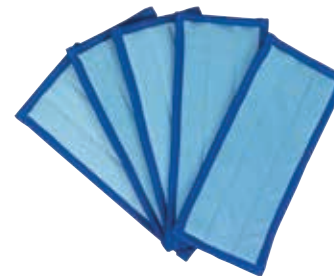
Wash system for cleaning indoor glass, natural stone, stainless steel, aluminum etc.

- leather belt
- battery with led indicator
- charger
- 12 V pump cabinet
- 500 ml bottle for pure water
- 10 glass pads
- extra bag for pads



Indoor Extend Pole ICP35V1150

150 cm long extension pole with integrated hose and couplings. Our Indoor Clean Poles can be build up to 10 m (up to 5 poles).



Microfiber Glass Pad ICPGM26

26 cm wide pads for glass and mirrors.



Microfiber heavy duty pad ICPMP26

26 cm wide pads for smooth surfaces.



Indoor Clean Pole Carry Bag ICPVT170

Ideal for carrying the complete indoor set.



Baudoin Wash Systems bv

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