



HOT AQUA BLASTER



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Waterkracht - Hot Aqua Blaster BHWT® Trailer:

The environmental friendly cleaning method of the **Hot Aqua Blaster**, with the unique patented **Boiling Hot Water Technique®**, is based on the “**thermo shock**” effect. “BHWT” is standard on the **Classic** and **Sprinter** trailers, and as an option available on the **Runner** trailer.

High energy water drops, with a water temperature of 100 to 102° C, will blast on the pollution; the power of these water drops combined with the temperature of steam is responsible for the unbelievable and remarkable cleaning and disinfecting result. With this technique, compared with conventional methods, a better cleaning result can be obtained with considerably less water consumption and operating pressure.

Of course, the Hot Aqua Blaster can also be used as a “normal” hot-water high-pressure cleaner; the operating pressure can be regulated variably by hand ore wireless remote control to a maximum of 500 bar. What previously was impossible is now achievable! A single cleaning system, from “as soft as silk” to “as strong as an lion”.

The self supporting Hot Aqua Blaster is fix-mounted in a complete covered trailer and equipped with a large water tank, fuel tank, **Ecoboiler** and a three cylinder liquid cooled Kubota (Worldwide proven quality) diesel engine for pump drive.

By means of a heat exchanger, primary connected to the cooling liquid of the diesel engine and secondary connected to the water inlet of the high-pressure pump, the water flow is preheated resulting in a 10 up to 20% reduction of fuel consumption. The Hot Aqua Blaster can be delivered from 280 till a maximum capacity of 500 bar and a volume of max. 18 litres per minute, completely equipped with high-pressure reel, water supply reel and high-pressure spraying equipment.

The Hot Aqua Blaster Classic can be equipped with a remote control (TC). The operational functions of the hand-held remote control, also with a emergency stop button, are the same as the functions of the switchboard: the switchboard is completed with the main (key) switch.





Waterkracht Ecoboiler heating system:

The Basis for the patented - developed by Waterkracht – Hot Aqua Blaster with the unique Boiling Hot Water Technique, is the Ecoboiler heating system.

- High efficiency **Ecoboiler**, stainless steel inside and outside casing, in combination with heat exchanger.
- Optimum and clean fuel combustion
- Low CO2 emission.
- Guaranteed fuel saving up to **20%**.
- **Boiling Hot Water Technique®** (patent 1015139 and 1018458) with a guaranteed and permanent water temperature of + 100 °C at the nozzle.
- Low maintenance required.



Operation:

By means of the key-switch of the diesel engine, you can start-up the Hot Aqua Blaster, and the pump will start without pressure, but is “ready for use”. With the throttle, you adjust the rotations of the motor and with that the required water flow and pressure. Depending on the pollution, you have to make a choice between cold, warm or boiling water (if BHWT® option is installed). Easily changing in pressure, water flow and temperature, assures the right cleaning power on the right place, without damaging the surface.

The Hot Aqua Blaster and the environment.

- It works with only clean boiling hot water, no chemicals are involved.
- This technique saves up to 50% on water consumption.
- Modern technology, low energy consumption.
- The use of a heat recovery system results in 15 to 20% less fuel consumption.

The Hot Aqua Blaster and the user!

- All major operations functions are within 50 meters of the machine
As a option on the **Classic** trailer : remote control for a even more safer operation.
- No nuisance from splashing – aggressive – dirt and/or spray mist.
- Working with - aggressive – chemicals is not a issue.
- Ergonomic spray gun, less muscle strain.
- Virtually no physical stresses, the retraction of the spray gun is very low.
- The Hot Aqua Blaster has got a low noise level, only 69dB.
- The high pressure hoses are tested and certified.

In The Netherlands, over 500 of these trailers are used successfully everyday for real industrial cleaning problems such as the removal of graffiti, moss and lichen, paint and chewing gum etc. And that with only clean water, no chemicals are involved.



Type	Max. pressure	Volume	Max. Temp	Diesel Engine	Engine max.	Pump	Fuel Tank	Water tank	Sizes	Net. Weight	Max. Weight
<i>Hot Aqua Blaster</i>	<i>bar</i>	<i>Ltr/min</i>	<i>°C</i>	<i>Type</i>	<i>RPM</i>	<i>RPM</i>	<i>ltr.</i>	<i>ltr.</i>	<i>LxWxH</i>	<i>kg</i>	<i>kg</i>
Runner KA 280/15 Option: BHWT®	280	15	98/102	Kubota Z602	3200	1500	70	500	315x180x170	810	1500
Sprinter KA 500/18 BHWT®	500	18	98/102	Kubota D1105E	3000	1500	70	500/800	373x180x170	890	1500
Classic KA 500/18 BHWT®-(TC)	500	18	102	Kubota D1105E	3000	1450	100	500/800	373x180x215	1100	2000



Waterkracht Accessories:

Waterkracht delivers a variety of specific and affordable accessories for high-pressure cleaning. From the rotating surface cleaner, high-pressure guns-, lances-, hoses, up to water purification systems.

Quality guarantee:

Waterkracht is VCA* and ISO certified, we adopted under NEN3140 standards. When applicable to your company, we can test our machines according the safety guidelines from the Foundation for Industrial Cleaning (SIR www.sir-safe.nl). The high-pressure cleaners and accessories are produced according the CE standards.

Contact us:

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