



Community Design No: 000235429  
UK Registered Design No: 2098802

### Features

- Self Contained Hot Powerwasher
- Unique removable 24V dc Heater Module
- Diesel & Petrol engine drive options
- Easy anti-freeze frost protection system
- Integral 28Ltr chemical tank
- Choice of chassis & tank colour combinations
- 1500kg type approved fast – tow trailer
- Working pressures from 238 to 340 bars

### Applications

- Industrial Cleaning
- Graffiti Removal
- Construction Sites
- Oil Refineries
- Agriculture
- Food Industry
- Concrete Cleaning
- Pig & Poultry Industry
- Municipal Street Cleaning



Specification may differ per country. Brendon reserves the right to alter the specification without notice.





# BUILT TO LAST



## Heater Function

Brendon have developed a compact diesel fired heater module that works independently from the powerwasher to raise the water temperature up to 78 C. This Hot water can then be used to clean at working pressures up to 340Bar.

Most machines on the market use heavy high pressure steel coil heat exchangers that require special servicing at regular intervals to give a reliable performance. They have numerous moving parts, including pressure and flow switches that wear and require replacing to keep the system working safely. The Brendon Unique System : A removable Heater Module System that replaces the requirement of the heavy coil heat exchanger and uses a compact plate heat exchanger to heat the water. The hot water then enters the high pressure pump. The independent diesel fired water heater monitors the heater fluid temperature and keeps working, ensuring a continuous & ready supply of hot water.

When servicing is eventually required the operator can quickly and simply remove the heater module 24v and service as required or replace with a fully serviced factory exchange unit in less than 3 minutes.

The High Pressure Cat Pump is fitted with heavy duty high temperature PTFE seals to give the maximum life and reliability. The pump manifold is also available as a factory exchange unit, which gives the HWBBW brand a great quality/price ratio.

These features make Brendon Hot Water Bowser Washer one of the simplest and easiest hot powerwasher to service available on the market.



## Technical Specifications

Model	HWBBW35KLN	HWBBW35KPE	HWBBW35KPI	HWBBW50KPI
Fuel	Diesel	Essence	Essence	Essence
Engine	Yanmar LN100	Honda GX390QXE4	Honda IGX440	Honda iGX440
Auto-Throttle Mode			✓	✓
Pump	Cat 45HT	Cat 45HT	Cat 45HT	Cat 45HT
Working Pressure	0 - 240 bars	0 - 240 bars	0 - 240 bars	0 - 340 bars
Water Consumption	12,5l/mn	12,5l/mn	12,5l/mn	12,5l/mn
Heater Module	HMS300	HMS300	HMS300	HMS300
Voltage	24V cd	24V cd	24Vcd	24V cd
Burner Fuel Tank	30l	30l	30l	30l
Max Water Temperature	78°C	78°C	78°C	78°C
Deivery Hose	15m 3/8"	15m 3/8"	15m 3/8"	15m 3/8"
Nozzle Size	NZ15035	NZ15035	NZ15035	NZ1502
Lance	2Pc Twin	2Pc Twin	2Pc Twin	2Pc Twin
Vibration Level	2.5m/s2	2.5m/s2	2.5m/s2	2.5m/s2
Noise Level Lwa	108 LwA	103 LwA	95 LwA	99 LwA
Chemical Tank	28l	28l	28l	28l
Anti-freeze System	✓	✓	✓	✓
Water Tank	700l	700l	700l	700l
Trailer GWT	1 500 kg	1 500 kg	1 500 kg	1 500 kg
Trailer Dry	800 kg	800 kg	800 kg	800 kg
Type Approved (EU)	✓	✓	✓	✓
Dimensions (LxWxH)mm	3490x 550x1400	3490x1550x1400	3490x1550x1400	3490x1550x1400