

# JMB-M/M+



The **JMB-M** hot water high pressure washer knows a varied applicability, certainly in places where there is no electricity, due to its on-board power source and self-contained operation.

This high pressure trailer is equipped with the latest green technologies, like our very own GreenBoiler, which provides a considerable fuel saving.

Likewise the Intercooling system, where water from the tank is used for engine cooling and preheating through the heat exchanger, creates a fuel saving of 15% for the burner. Moreover, the diesel engine is cooled even more by means of a supplementary air cooling system for the engine compartment.

Keeping in mind the environment, we installed an auto-stop system as to make the engine stop when there is no cleaning activity for 30 minutes. What's more, it is possible to clean at less than 85dB because the trailer is completely closed during the work.

**The green idea of DiBO returns repeatedly:** like in the green coloured aerodynamic polyethylene case, which can be opened completely.

Besides the standard version, this JMB-M high pressure trailer is also available as a full option "+" version.

**The JMB-M+ version includes:**

- Electronic level indication for fuel and water tank
- Electronic gas regulation with automatic speed control

## EXCLUSIVE TECHNOLOGIES



Modern design



High quality materials



Radial high-pressure pump



Heat-exchanger



Automatic idling speed



GreenBoiler



Track & trace system (Option)



Steam function (option)



5 Year warranty



12h use



Stage 5 ready

## PRODUCT SPECIFICATIONS

- New operating panel with digital display and joystick:
  - Everything visible at a glance. Easy to adjust with a handy joystick and to operate with gloves.
  - Electronic setting of the temperature (exact & constant)
  - Electronic control with pressure gauge, hour counter, maintenance information, error messages and device functions that facilitate maintenance
  - The digital display indicates continuously the status of the machine and alarm.
- Modern & aerodynamic design for less air resistance
- UV-resistant double-walled housing in rotation moulded polyethylene → sound insulated: ≥ 85 dB
- Galvanized trailer fitted with support and swivel wheel with rotation casted polyethylene housing (light-weight)

## TECHNICAL SPECIFICATIONS

- High-tech heating system:
  - 110 kW GreenBoiler for a greater efficiency > 92%
  - 18% fuel saving
  - Low CO2 emission
  - Low maintenance cost
- 110 kW GreenBoiler + 20 kW heat exchanger = 130 kW heating power
- Industrial diesel motor water cooled in combination with a heat-exchanger, ensuring the pre-heating of the supply water with a further 15% in fuel savings
- 33 % total fuel saving by combining GreenBoiler and heat exchanger
- Radial high pressure pump with 3 ceramic plungers and stainless steel valves
- Boiler with independent motor fitted and fuel valve with electronic ignition
- 12 V operating voltage for electronic control and for the burner
- Washable water filter
- Run dry protection on the water and fuel tank
- Ingenious start/stop system at the JMB-M 500/30 → 8 - 10% fuel saving
- Auto-stop system stops the engine after 30 min. without spraying activity
- Trailer version: galvanized trailer fitted with support and swivel wheel with rotation casted polyethylene housing (light- weight)
- Prepared for a specially cushioned axle (in line with German law)
- Automatic pre-glowing
- 450 l built-in water tank (only for TG and S version)
- Pressure reduction up to 10 bar with sealed gun
- Pressure and flow regulation via speed engine governor (manually (standard) or electronically ("+" version))
- Digital control and reporting on display of :
  - motor functions
  - flame monitoring
  - water level (\*)
  - fuel level (\*)
- Automatic idling → less consumption (\*)

Note: (\*) = only at "+"-version

## STANDARD EQUIPMENT

Code	Item description
1.211.5xx	High pressure gun with swivel* → large manoeuvrability of the wash gun (*) depending on pressure and flow rate with or without swivel
1.216.729.xxxxx	Single stainless steel lance with high pressure nozzle and rotating quick coupling (≤ 250 bar)
1.216.749.xxxxx	Single stainless steel lance with high pressure nozzle and rotating quick coupling (> 250 & ≤ 350 bar)
1.216.769.xxxxx	Single stainless steel lance with high pressure nozzle and rotating quick coupling (> 350 & ≤ 500 bar)
code	Built-in hose reel (JMB-M) with high-pressure hose (3/8", 40 m) → wide operation range
code	Built-in hose reel (JMB-M) with low-pressure hose (3/4", 25 m) → wide operation range

## OPTIONAL ACCESSORIES

Code	Item description
1.230.18x	Steam lance (Not for the JMB-M 500/30. Please always indicate when ordering the working pressure of the JMB-M)

## OPTIONAL EQUIPMENT

Code	Item description
1.230.160	Supplement for steam function 140° C (<30 bar) - valve, hp hose with thermal protection, pistol, lance and steam nozzle included (Not for the JMB-M 500/30)
1.230.051	Supplement for anti-scaling system by dosing pump on flow (level detection). It's recommended to always order the anti-scaling option together with the steamfunction for the protection of the coil.
1.230.290	Transfer pump (feeding pump) for JMB-M/M+ and JMB-M-WK
1.230.240	Light package JMB-M: work light + beacon activatable with joystick
1.230.200	Supplement for protective tarp
1.230.18x	Steam lance (Not for the JMB-M 500/30. Please always indicate when ordering the working pressure of the JMB-M)
1.230.040	Option separate spark arrester for motor and boiler to be mounted on JMB-M
1.230.212	Supplement for detergent injector, with separate ball valve to choose option "chemicals" or "rinsing"
1.230.214	Supplement for detergent injector, with separate ball valve to choose option "chemicals" or "rinsing" - max. 500 bar
1.230.150	Supplement for Track & trace system (JMB-M)
1.890.000	Yearly subscription for the activation of the Track & Trace option.

# JMB-M/M+ Built-in



In addition to the trailer version, this high-pressure cleaner is also available in a built-in and skid configuration.

The built-in unit can easily be integrated in a truck, van or trailer. (Note that there needs to be a 450 l water tank).

The skid version has some special features.

- An ergonomic design of its frame, makes this unit easy to move by using a fork-lift truck. Due to this the skid-unit can be used as a stationary unit or mobile, in any kind of vehicle.
- The skid version has a built-in 450 l water tank



Standard and optional equipment remain the same as for the trailer. When ordering, it is possible to choose a '+' version with or without additional options (see: Optional equipment)



## MODELS

### TRAILER

											
Code	Description	bar	l/h	°C	kW	kW	l	l	mm	kg	
1.130.365	JMB-M 200/18 TG	200	1080	max. 110	11,7 (diesel)	110	80	450	3500 x 1750 x 1600	960	055
1.130.367	JMB-M+ 200/18 TG	200	1080	max. 110	11,7 (diesel)	110	80	450	3500 x 1750 x 1600	960	055
1.130.465	JMB-M 200/30 TG	200	1800	max. 110	18,0 (diesel)	110	80	450	3500 x 1750 x 1600	980	090
1.130.467	JMB-M+ 200/30 TG	200	1800	max. 110	18,0 (diesel)	110	80	450	3500 x 1750 x 1600	980	090
1.130.665	JMB-M 350/18 TG	350	1080	max. 110	18,0 (diesel)	110	80	450	3500 x 1750 x 1600	980	040
1.130.667	JMB-M+ 350/18 TG	350	1080	max. 110	18,0 (diesel)	110	80	450	3500 x 1750 x 1600	980	040
1.130.840	JMB-M 500/15 TG	500	900	max. 110	18,9 (diesel)	110	80	450	3500 x 1750 x 1600	990	030
1.130.842	JMB-M+ 500/15 TG	500	900	max. 110	18,9 (diesel)	110	80	450	3500 x 1750 x 1600	1055	030
1.131.915	JMB-M+ 500/30 TG	500	1800	max. 110	31,0 (diesel)	110	80	450	3500 x 1750 x 1600	1190	055

### BUILT-IN

											
Code	Description	bar	l/h	°C	kW	kW	l	l	mm	kg	
1.130.350	JMB-M 200/18 I	200	1080	max. 110	11,7 (diesel)	110	80	2150 x 1170 x 1070	530	055	
1.130.352	JMB-M+ 200/18 I	200	1080	max. 110	11,7 (diesel)	110	80	2150 x 1170 x 1070	530	055	
1.130.450	JMB-M 200/30 I	200	1800	max. 110	18,0 (diesel)	110	80	2150 x 1170 x 1070	550	090	
1.130.452	JMB-M+ 200/30 I	200	1800	max. 110	18,0 (diesel)	110	80	2150 x 1170 x 1070	550	090	
1.130.650	JMB-M 350/18 I	350	1080	max. 110	18,0 (diesel)	110	80	2150x1170x1070	550	040	
1.130.652	JMB-M+ 350/18 I	350	1080	max. 110	18,0 (diesel)	110	80	2150 x 1170 x 1070	550	040	
1.130.825	JMB-M 500/15 I	500	900	max. 110	18,9 (diesel)	110	80	2150 x 1170 x 1070	560	030	
1.130.827	JMB-M+ 500/15 I	500	900	max. 110	18,9 (diesel)	110	80	2150 x 1170 x 1070	550	030	
1.130.883	JMB-M+ 500/30 I	500	1800	max. 110	31,0 (diesel)	110	80	2150 x 1170 x 1070	765	055	