

# JMB-MD



Increased power thanks to ....**JMB-MD** high pressure trailers.

For this purpose the high pressure cleaner on trailer has a Kubota water-cooled diesel motor which, under the control of the DiBO controller, precisely manages all engine parameters. It is also equipped with an energy-saving 2-stage fuel pump for the GreenBoiler.

This motor also has a heat recovery system that partly preheats the cleaning water.

## EXCLUSIVE TECHNOLOGIES



Modern design



High quality materials



Motor pump coupling using reduction gearbox



Heat-exchanger



2 STAGE GreenBoiler



Radial high-pressure pump



Digital display with joystick operation



5 Year warranty



Track & trace system (Option)



Steam function (option)



Stage 5 ready

## PRODUCT SPECIFICATIONS

- DOUBLE-WALLED housing in POLYESTER:
  - Noise-insulating
  - Optionally available in different RAL colours
- Digital operation with joystick
- Unnecessary and impossible to open the trailer for cleaning → the controls and all tools are within easy reach on the outside.
- Unique storage system for tools and accessories. (see picture)

Every model is also available as built-in (I) and skid configuration (S)

## STANDARD EQUIPMENT

Code	Item description
-	Built-in hose reel (JMB-MD/MG/ME) with high-pressure hose (3/8", 40 m) → wide operation range
-	Built-in hose reel (JMB-MD/MG/ME) with low-pressure hose (3/4", 25 m) → wide operation range
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)
1.211.5xx	High pressure gun with swivel → large manoeuvrability of the wash gun

## TECHNICAL SPECIFICATIONS

- Industrial water-cooled Kubota diesel motor with heat recovery system. The motor's heat recovery system means less energy consumption is needed to bring the cleaning water up to temperature.
- 110 kW GreenBoiler with two-stage fuel pump. Whereby the two-stage fuel pump works with two different pressure stages. This means that the burner does not have to work at full power all the time. The pressure stages are controlled by software, depending on the temperature and pressure → As a result, the burner does not switch as often (more maintenance-friendly) and fuel consumption is optimised.
- Anti-limescale system with dosing pump (including dry run protection)
- Control 24 VDC and burner 12 VDC
- Radial high pressure pump with 3 ceramic plungers and stainless steel valves
- Washable water filter
- Pressure-free starting
- Auto-stop system stops the engine after 30 min. without spraying activity
- 450 l built-in water tank (only for TG and S version)
- 80 l built-in diesel tank
- Pressure relief up to <25 bar with sealed gun → safety
- Electronic pressure and flow regulation via electronic speed engine governor.
- Digital control and reporting on display of:
  - motor functions
  - flame monitoring
  - run dry protection
  - pressure control
  - temperature control
  - water level (\*)
  - fuel level (\*)
- Automatic idling → less consumption (\*)
- Trailer version: galvanized trailer fitted with support and swivel wheel, an AL-KO chassis with rotation casted polyethylene tank and polyester housing.
- Required towing capacity = 1500 kg

**Note (\*)**: only on '+'-version



# JMB-MD



**Basic (AK):** includes the above technical specifications with the addition of:

- Anti-scaling system by dosing pump on flow (including run dry protection).
- Green/grey protective cover with sensor, so that it cannot be opened during work (cleaning.)

In addition to the basic version, this JMB-MD high-pressure trailer is also available in a version with the following options (\*):

**Basic (AK) + Two man operation for high pressure (M2):** the possibility to clean with 2 persons simultaneously with high pressure. The low pressure hose is replaced by a high pressure hose. In addition to the standard accessories, there are also 2 high-pressure lances for half-flow and 1 pistol.

**Basic (AK) + Steam function (SF):** Steam function 140° C (30 bar) - includes a selection tap for optional steam and a high-pressure hose with heat protection. In addition to the standard accessories, there is also a steam lance and a set of protective gloves.

**Basic (AK) + Two man operation for steam function (SF2) + Two man operation for high pressure (M2):** the possibility of cleaning with high pressure with 2 persons simultaneously or steam with 2 persons simultaneously. Steam function 140° C (30 bar) - includes a selection tap for optional steam, a high-pressure hose with heat protection and a steam lance. In addition to the standard accessories, there are also 2 high-pressure lances, 2 steam lances, 2 sets of protective gloves for half-flow and 1 gun.

(\*) Pressure and flow rate determine the availability of each version. (See table)

## MODELS

										
Code	Description	bar	l/h	°C	kW	kWh	l	l	mm	kg
1.134.D.354	JMB-MD 200/18 TG AK	200	1080	max. 110	11,5	110	80	450	3500 x 1800 x 1750	975
1.134.D.360	JMB-MD 200/18 TG AK SF	200	1080	max. 110	11,5	110	80	450	3500 x 1800 x 1750	985
1.134.D.454	JMB-MD 200/30 TG AK	200	1800	max. 110	18,5	110	80	450	3500 x 1800 x 1750	1080
1.134.D.460	JMB-MD 200/30 TG AK SF	200	1800	max. 110	18,5	110	80	450	3500 x 1800 x 1750	1090
1.134.D.466	JMB-MD 200/30 TG AK M2	200	1800	max. 110	18,5	110	80	450	3500 x 1800 x 1750	1085
1.134.D.472	JMB-MD 200/30 TG AK SF2 M2	200	1800	max. 110	18,5	110	80	450	3500 x 1800 x 1750	1095
1.134.D.544	JMB-MD 249/25 TG AK	249	1500	max. 110	18,5	110	80	450	3500 x 1800 x 1750	1115
1.134.D.550	JMB-MD 249/25 TG AK SF	249	1500	max. 110	18,5	110	80	450	3500 x 1800 x 1750	1125
1.134.D.556	JMB-MD 249/25 TG AK M2	249	1500	max. 110	18,5	110	80	450	3500 x 1800 x 1750	1120
1.134.D.562	JMB-MD 249/25 TG AK SF2 M2	249	1500	max. 110	18,5	110	80	450	3500 x 1800 x 1750	1130
1.134.D.654	JMB-MD 350/18 TG AK	350	1080	max. 110	18,5	110	80	450	3500 x 1800 x 1750	1080
1.134.D.660	JMB-MD 350/18 TG AK SF	350	1080	max. 110	18,5	110	80	450	3500 x 1800 x 1750	1090
1.134.D.829	JMB-MD 500/15 TG AK	500	900	max. 110	18,5	110	80	450	3500 x 1800 x 1750	1160
1.134.D.835	JMB-MD 500/15 TG AK SF	500	900	max. 110	18,5	110	80	450	3500 x 1800 x 1750	1180

## OPTIONAL EQUIPMENT

Code	Item description
1.234.290	(TP) Supplement for transfer pump
1.234.247	(DH) Supplement for pressure-retaining valve (to replace the standard pressure-free)
1.234.240	Supplement for light package JMB-MD/MG/ME: work light + beacon activatable with joystick
1.234.150	(TT) Supplement for track & trace system (JMB-MD/MG/ME)
1.890.000	Yearly subscription for the activation of the Track & Trace option.
1.234.399	(+) Supplement for plus-version: <ul style="list-style-type: none"> <li>• Electronic level indication for fuel and water tank</li> <li>• Electronic gas control with automatic idling speed</li> </ul>
1.234.07x	(COL) Supplement for protective housing in a DiBO RAL colour: <ul style="list-style-type: none"> <li>• (WH) RAL9016 - white</li> <li>• (BK) RAL 9017 - black</li> <li>• (BU) RAL 5002 - blue</li> <li>• (OG) RAL 2009 - orange</li> </ul> (Note: when ordering, please specify one of the following RAL colours)
1.234.074.(RAL)xxxx	(COL) Supplement for protective housing in your chosen RAL colour (Note: when ordering, please specify your chosen RAL colour)

## OPTIONAL ACCESSORIES

Code	Item description
1.230.18x	Steam lance (Please always indicate when ordering the working pressure of the HP-cleaner)