

# JMB-MG



Green cleaning with the **JMB-MG** high pressure trailer running entirely on **CNG-gas**.

For this purpose the high pressure cleaner on trailer has a Kubota water-cooled motor running on CNG gas, with a CAN-BUS-controlled ECU that accurately regulates all motor parameters as controlled by the DiBO control unit.

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



GreenBoiler-CNG



Radial high-pressure pump



Digital display with joystick operation



Stage 5 ready



Steam function (option)



Steam function (option)



Track & trace system (Option)



5 Year warranty

## 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)
- Digital control and reporting on display of:
  - motor functions
  - flame monitoring
  - water level
  - CNG level for both tanks

## STANDARD EQUIPMENT

Code	Item description
code	Built-in hose reel with high-pressure hose (3/8", 40 m) → wide operation range
code	Built-in hose reel 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 (*) depending on pressure and flow rate with or without swivel

## TECHNICAL SPECIFICATIONS

- Industrial 18 kW water-cooled Kubota motor running on CNG gas with heat recovery system. The motor's heat recovery system means less energy consumption is needed to bring the cleaning water up to temperature
- Optimal CNG motor safety, being fitted with a CAN BUS-controlled ECU and DiBO control unit.
- 70 kW GreenBoiler-CNG
- Control 24 VDC and burner 230 VAC
- CNG tanks (2x 75 l) with gas pressure regulators - gas pressure regulation circuit with the necessary safety and detection devices
- Electronic level indication with low level monitoring for the water tank and CNG tanks.
- 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)
- Pressure relief up to <25 bar with sealed gun → safety
- Electronic pressure and flow regulation via electronic speed engine governor
- 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 = 1800 kg



# JMB-MG



**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-MG 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):** the possibility of steam cleaning 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. The low-pressure hose reel is replaced by a high-pressure hose reel. In addition to the standard accessories, there are also 2 half-flow steam lances, 2 sets of protective gloves and 1 gun.

**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). 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 for half-flow, 2 sets of protective gloves and 1 gun.

(\* ) Pressure and flow rate determine the availability of each version. (See table on p. 49)

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

## MODELS

Code	Description	bar	l/h	°C	kW	kW	l	mm	kg	
1.134.G.504	JMB-MG 249/15 TG AK (+)	249	900	max. 110	18	70	450	3500 x 1800 x 1750	1210	040
1.134.G.510	JMB-MG 249/15 TG AK SF (+)	249	900	max. 110	18	70	450	3500 x 1800 x 1750	1210	040
1.134.G.522	JMB-MG 249/15 TG AK SF2 (+)	249	900	max. 110	18	70	450	3500 x 1800 x 1750	1210	040
1.134.G.544	JMB-MG 249/25 TG AK (+)	249	1500	max. 110	18	70	450	3500 x 1800 x 1750	1210	065
1.134.G.550	JMB-MG 249/25 TG AK SF (+)	249	1500	max. 110	18	70	450	3500 x 1800 x 1750	1210	065
1.134.G.556	JMB-MG 249/25 TG AK M2 (+)	249	1500	max. 110	18	70	450	3500 x 1800 x 1750	1210	065
1.134.G.562	JMB-MG 249/25 TG AK SF2 M2 (+)	249	1500	max. 110	18	70	450	3500 x 1800 x 1750	1210	065
1.134.G.624	JMB-MG 350/15 TG AK (+)	350	900	max. 110	18	70	450	3500 x 1800 x 1750	1210	040
1.134.G.630	JMB-MG 350/15 TG AK SF (+)	350	900	max. 110	18	70	450	3500 x 1800 x 1750	1210	040
1.134.G.642	JMB-MG 350/15 TG AK SF2 (+)	350	900	max. 110	18	70	450	3500 x 1800 x 1750	1210	040

## 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
1.234.151	(TT) Supplement for track & trace system JMB-M 4G
1.890.000	Yearly subscription for the activation of the Track & Trace option.
1.234.07x	(COL) Supplement for protective housing in a DiBO RAL colour: (WH) RAL9016 - white • (BK) RAL 9017 - black • (BU) RAL 5002 - blue • (OG) RAL 2009 - orange (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)

