

JMB-ME-C



DiBO is steadily continuing on its green path and developed a battery-powered cold water high-pressure cleaner.

The DiBO **JMB-ME-C** operates with a **water-cooled electric motor** powered by a **29 kWh Li-ion battery at a safe low voltage of 48V**.

The battery management system (BMS) which controls the battery ensures it has a long life while also preserving its performance.

Another plus of a high-pressure trailer with battery-powered electric motor is the low noise production

EXCLUSIVE TECHNOLOGIES



Modern design



High quality materials



Automatic idling speed



Radial high-pressure pump



Flexible motor/pump coupling



Digital display with joystick operation



5 Year warranty



Track & trace system (option)

PRODUCT SPECIFICATIONS

- DOUBLE-WALLED housing in POLYESTER:
 - Noise-insulating
 - Optionally available in different RAL colours
- Digital operation with joystick
- Intuitive interface that automatically determines the optimal pressure setting according to the desired working time.
- 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
 - water level
 - battery percentage
 - fault reports

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)
1.216.769.xxxxx	Single stainless steel lance with high pressure nozzle and rotating quick coupling (> 350 & ≤ 500 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

- Water-cooled frequency-controlled 0.5 – 15 kW electric motor working on low-voltage (48 V) so no conversion losses
- Environmentally friendly
 - Exceptionally low noise production
 - Maintenance-free
 - Low energy consumption
- The 29 kWh - 48 V Li-ion battery with BMS system was fully custom-made and tailored for the cleaning work.
 - Efficient, compact and lightweight long life LI-ion battery with high energy density/kg
 - Easy to recharge at any time (any 230 V socket)
 - The battery supplies its power as efficiently as possible
 - Long working time: up to 9* hours of high pressure
- Control 24 VDC
- Electronic level indication with low level monitoring for the water tank
- Battery percentage shown on the display.
- 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 = 1900 kg

(**) = not on the 150/50 version

(*) = depending on the speed (rpm) setting



JMB-ME-C



Basic: includes the technical specifications listed above and is equipped with green/grey protective cover with sensor, so it cannot be opened while working.

In addition to the basic version, this JMB-ME highpressure trailer is also available in a version with the following option (*):

Basic + 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 highpressure lances for half-flow and 1 pistol.

(*) Pressure and flow rate determine the availability of each version. (See table on p.7)

MODELS

Code	Description	bar	l/h	Li-ion	kW	l	mm	kg	
1.134.EC.239	JMB-ME-C 150/50 TG (+)	150	3000	Li-Ion battery - 48 V- 29 kWh - (BMS)	0.5 - 15	450	3500 x 1800 x 1750	-	180
1.134.EC.245	JMB-ME-C 150/50 TG M2 (+)	150	3000	Li-Ion battery - 48 V- 29 kWh - (BMS)	0.5 - 15	450	3500 x 1800 x 1750	-	180
1.134.EC.544	JMB-ME-C 249/25 TG (+)	249	1500	Li-Ion battery - 48 V- 29 kWh - (BMS)	0.5 - 15	450	3500 x 1800 x 1750	-	065
1.134.EC.556	JMB-ME-C 249/25 TG M2 (+)	249	1500	Li-Ion battery - 48 V- 29 kWh - (BMS)	0.5 - 15	450	3500 x 1800 x 1750	-	065
1.134.EC.654	JMB-ME-C 350/18 TG (+)	350	1080	Li-Ion battery - 48 V- 29 kWh - (BMS)	0.5 - 15	450	3500 x 1800 x 1750	-	040
1.134.EC.666	JMB-ME-C 350/18 TG M2 (+)	350	1080	Li-Ion battery - 48 V- 29 kWh - (BMS)	0.5 - 15	450	3500 x 1800 x 1750	-	040
1.134.EC.829	JMB-ME-C 500/15 TG (+)	500	900	Li-Ion battery - 48 V- 29 kWh - (BMS)	0.5 - 15	450	3500 x 1800 x 1750	1240	030

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

OPTIONAL EQUIPMENT

Code	Item description
1.234.291	(TP) Supplement for transfer pump with water filter (30 l/min)
1.234.247	(DH) Supplement for pressure-retaining valve (to replace the standard pressure-free)
1.234.240	(LP) Supplement for light package JMB-MDMG/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
1.234.390	(SIR) Supplement for SIR preparation
1.234.07x	(COL) Supplement for protective housing in a DiBO RAL colour: <ul style="list-style-type: none"> • (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)

