

# IBH-M



The **IBH-M** is an enormous powerful industrial hot water high pressure cleaner that can be deployed for daily heavy duty cleaning tasks.

As heating system this pressure cleaner uses the DiBO GreenBoiler. This is a high-tech heating system developed by DiBO. The advantage of this system is a low emission of harmful gases, combined with a low fuel consumption, that is 18% lower than the consumption of a conventional burner.

## EXCLUSIVE TECHNOLOGIES



Modern design



High quality materials



Robust frame



Radial high-pressure pump



Motor with low speed



Flexible motor/pump coupling



GreenBoiler



5 Year warranty



12h use

## PRODUCT SPECIFICATIONS

- Modern ergonomic design
- A powder-lacquered steel frame → prevention from corrosion and robust
- High quality materials: UV-resistant and thick walled rotation casted polyethylene in combination with stainless steel → very solid, colourfast and scratch protection and no corrosion
- 2 integrated lance holders → ergonomic
- 2 industrial casters with wheel brake system → stability and manoeuvrability
- Large and sturdy wheels → mobile
- Simple control panel → easy to use

## STANDARD EQUIPMENT

Code	Item description
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)
1.211.525	High pressure gun with swivel → large manoeuvrability of the wash gun
1.208.xxx.020	High pressure hose (3/8", 10 m) → extended reach



1.216.729.xxxxx (≤ 250 bar)  
1.216.749.xxxxx (> 250 & ≤ 350 bar)



1.211.525



1.208.xxx.020

Subject to change

## TECHNICAL SPECIFICATIONS

- High-tech heating system
  - 70 kW GreenBoiler for a greater efficiency > 92%
  - 18% fuel saving
  - Low CO2 emission
  - Low maintenance cost
- Radial high pressure pump with 3 ceramic plungers and stainless steel valves → fewer vibrations and less noise
- Low-speed electric motor (1450 rpm) → less wear
- Automatic start/stop system with 30 s shut-down-delay
- Coarse particle filter
- Pressure gauge
- Direct-in
- Pressure control valve to adjust the operating pressure
- Leak- and thermal protection
- Direct supply of detergents from the built in detergent tank (45 l) (= product A) or external detergent suction with dosing valve (= product B) → large capacity and very user-friendly
- Quick-fill cap for detergent tank 45 l and fuel tank 50 l

- Main switch ON/OFF
- Switch ON/OFF for boiler
- Temperature adjustment by thermostat
- A brass/nickel-plated pump head → no corrosion
- Flexible engine/pump coupling → silent operation and protection of the electric motor
- Automatic water softening system
- Flame protection

### Note:

Monophase machines work as standard at 1 x 230 V-50 Hz.

3-phase machines work standard at 3 x 400 V - 50 Hz.

Other versions on request.

## MODELS

Code	Description	bar	l/h	°C	kW	V	A	rpm	l	l	l	m	m	mm	kg	
1.117.000	IBH-M 110/13	30 - 110	180 - 780	30 - 150	3,0	1 x 230V - 50 Hz	16	1450	45	50	12	5	10	1200 x 728 x 1152	217	050
1.117.100	IBH-M 160/16	30 - 160	180 - 960	30 - 150	5,2	3 x 400V - 50 Hz	10	1450	45	50	12	5	10	1200 x 728 x 1152	240	050
1.117.150	IBH-M 160/22	30 - 160	240 - 1320	30 - 150	7,0	3 x 400V - 50 Hz	13	1450	45	50	12	5	10	1200 x 728 x 1152	237	075
1.117.300	IBH-M 220/16	30 - 220	180 - 960	30 - 150	7,0	3 x 400V - 50 Hz	13	1450	45	50	12	5	10	1200 x 728 x 1152	240	045
1.117.400	IBH-M 220/22	30 - 220	240 - 1320	30 - 150	7,5	3 x 400V - 50 Hz	16	1450	45	50	12	5	10	1200 x 728 x 1152	240	060
1.117.500	IBH-M 260/16	30 - 260	180 - 960	30 - 150	7,5	3 x 400V - 50 Hz	15	1450	45	50	12	5	10	1200 x 728 x 1152	245	040
1.116.550	IBH-M 320/18	30 - 320	180 - 1080	30 - 150	12,5	3 x 400V - 50 Hz	22	1450	45	50	12	5	10	1200 x 728 x 1152	260	040
1.116.600	IBH-M 350/16	30 - 350	180 - 960	30 - 150	12,5	3 x 400V - 50 Hz	22	1450	45	50	12	5	10	1200 x 728 x 1152	270	035

## OPTIONAL EQUIPMENT

Code	Item description
3.204.130	Supplement to convert into 3 x 230 V - 50 Hz (not on >10 kW)
1.216.100	Supplement for remote control : ON/OFF (machine in standby), Burner ON/OFF, Reset malfunctions (50 m cable not included)



## OPTIONAL ACCESSORIES

Code	Item description
1.216.023	Hose reel set with 20 m HP-hose ≤ 260 bar
1.216.043	Hose reel set with 40 m HP hose ≤ 260 bar
1.216.028	Hose reel set with 20 m HP-hose > 260 bar
1.216.048	Hose reel set with 40 m HP-hose > 260 bar
1.208.520.xxx	High pressure extension hoses with quick release (10-25 m, ≤ 250 bar)
1.208.540.xxx	High pressure extension hoses with quick release (10-25 m, > 250 bar & ≤ 350 bar)
1.238.520.xxxxx	Sewer hoses with nozzle and rotating quick coupling (10-25 m, ≤ 200 bar)
1.208.828.xxxxx	Flexible spray lance with high pressure nozzle (850 mm, ≤ 200 bar)
1.258.220.xxxxx	High pressure grit blasting lance with flat jet nozzle and suction hose (900 mm, ≤ 250 bar)
1.244.251	Foam lance with 1 l tank and quick release (200 mm, ≤ 250 bar)
1.258.229.15xxx	High pressure grit blasting lance with flat jet nozzle and suction hose suitable, for an operating pressure from ≤ 500 bar (Length: 900 mm)
1.258.225.00xxx	High pressure grit blasting lance with power jet hp nozzle and suction hose, suitable for an operating pressure from ≤ 350 bar (Length: 900 mm)