

INDUSTRIAL HIGH PRESSURE CLEANERS



INDUSTRIAL HIGH PRESSURE CLEANERS - Catalogue 2013

FOREWORD

INDUSTRIAL HIGH PRESSURE CLEANERS - Catalogue 2013

With this catalogue we would like to give you an overview of the complete range of DiBO cleaning machines. All developed and produced by DiBO in its own factory.

- This catalogue is published by DiBO n.v. on 01/09/2013. (V.09/2013)
- Prices and products that are not mentioned in this catalogue are available on demand.
- 'Supplement' indicates a part that has to be ordered together with the machine itself.
- For service, commencement of operation, prices are only available on request.
- This catalogue replaces all the previous editions published by DiBO NV.
- The pictures and illustrations in this catalogue are there to facilitate the search and therefore they are not binding.
- We preserve the rights to change the prices, the models, technical specifications, the measurements and the weights.
- In this catalogue we use icons for technical indications, you can find the explanation below

ICONS

code



standard accessories



optional accessories



operating pressure



water throughput

maximum water supply
temperature

water temperature



consumed power



motor rating



detergent tank capacity



float tank capacity



fuel tank capacity



power heating element



motor rating boiler



recovery tank capacity



tank capacity



number of revolutions



electric cable length



dimensions



weight



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ECN-S

COLD WATER HIGH PRESSURE CLEANER - ELECTRIC POWERED

A compact cold water high pressure cleaner made up of high-quality components complying with DiBO's rigid quality standards. By using a new type radial high pressure pump with 3 ceramic plungers, there are fewer vibrations which results in a very noise less machine. Suitable for a wide range of cleaning jobs.



Easy storage of electric
cable



Height adjustable
handle



FEWER VIBRATIONS :
radial high pressure
pump with 3 ceramic
plungers



Option: hose reel with
20 m high pressure
hose

STANDARD ACCESSORIES :



10 m high pressure
hose. (5/16")
code : 1.205.520.020



Double stainless steel spray lance with low and high
pressure nozzle and rotating quick coupling.
code : 1.208.630.xxxxx



High pressure gun with
swivel.
code : 1.211.525

TECHNICAL SPECIFICATIONS :

- Automatic start-stop system with a delayed stop (30 s)
- Electric motor with low speed
- Radial high pressure pump with 3 ceramic plungers and stainless steel valves
- Pressure gauge
- Coarse particle filter
- ON/OFF switch
- Pressure control valve to adjust the operating pressure
- Detergent injector
- Lightweight and easy to handle high pressure hose from 5/16" (10 m)
- Powder coated steel frame

MODELS:

ECN-S										
	TYPE									
		bar	l/h	°C	kW	m	l	l	mm	kg
1.105.055	130/10	30 - 130	600	40	3,0 (1 x 230V)	5	-	-	765x530x1100	59
1.105.280	180/13	30 - 180	780	40	5,2 (3 x 400V)	5	-	-	760x538x1100	67
1.105.300	210/15	30 - 210	900	40	7,0 (3 x 400V)	5	-	-	760x538x1100	77

ECN-S



OPTIONAL ACCESSORIES :



Hose reel with 20 m
high pressure hose

ECN-S



1.205.020

Supplement for hose reel with 20 m high pressure hose included

RECOMMENDED OPTIONAL ACCESSORIES :

Following special accessories are often requested tools for this type of high pressure cleaners. On pages 51 to 57, you find a summary table for compatibility with the different models, together with the codes. Please give us the desired pressure and flow with the order placement.



Hose reel set with 20 m hose reel
code: 1.205.025



High pressure extension hoses with quick release from 10 m up to 25 m, suitable for operating pressures ≤ 250 bar, ≤ 350 bar and ≤ 500 bar
code : 1.205.520.xxx



Sewer hoses with nozzle and rotating quick coupling from 10 m up to 25 m, suitable for operating pressures ≤ 200 bar
code : 1.238.520.xxxxx



Flexible spray lance with high pressure nozzle, length : 850 mm, operating pressure ≤ 200 bar
code : 1.208.828.xxxxx



High pressure grit blasting lance with flat jet nozzle and suction hose suitable for an operating pressure from ≤ 250 bar.
Length : 900 mm
code : 1.258.220.xxxxx



200 mm foam lance with 1 l tank and quick release , suitable for an operating pressure from ≤ 250 bar
code : 1.244.251

ECN-M / ECN-T

COLD WATER HIGH PRESSURE CLEANER - ELECTRIC POWERED

This powerful industrial high pressure cleaner can be deployed in various sectors for heavy cleaning tasks. This model is available in different engine /pump combinations to supply high pressures and/or large quantities of water. For each application a suitable machine, that can be used in the agricultural sector, horticulture, forestry, construction, ... and for lots of other industrial cleanings.



Radial high pressure pump with 3 ceramic plungers and stainless steel valves



Flexible engine/pump coupling



Bracket for electric cable



Quick-fill cap for direct access to the 50 l water tank (ECN-T) or detergent tank (ECN-M)



Option :
Hose reel with 20 m or 40 m high pressure hose

STANDARD ACCESSORIES :



Double stainless steel spray lance with low and high pressure nozzle and rotating quick coupling. (only on ≤ 300 bar) code : 1.208.630.xxxxx



10 m high pressure hose. (3/8") code : 1.208.xxx.020



High pressure gun with swivel. code : 1.211.5xx



Single stainless steel lance with rotating high pressure nozzle and rotating quick coupling. (only on ≤ 300 bar) code : 1.208.729.xxxxx



Single stainless steel lance with high pressure nozzle and rotating quick coupling > 300 bar code : 1.216.769.xxxxx

TECHNICAL SPECIFICATIONS :

- Electric motor at low speed
- Flexible engine/pump coupling
- Radial high pressure pump with 3 ceramic plungers and stainless steel valves
- Pressure gauge
- Coarse particle filter
- ON/OFF switch
- Pressure control valve for adjusting the operating pressure
- Detergent injector (not on models with *)
- Step less pressure and flow regulation (fixed on ECN-T 140/41, ECN-T 400/16 & 500/15)
- Integrated 50 l water tank (ECN-T) with quick fill cap
- Integrated 50 l detergent tank (ECN-M) with quick fill cap

MODELS :

ECN-M										
	TYPE									
		bar	l/h	°C	kW	m	l	l	mm	kg
1.108.005	110/13	30 - 110	180 - 780	60	3,0 (1 x 230V)	5	50	-	1083x597x968	97
1.108.105	160/16	30 - 160	180 - 960	60	5,2 (3 x 400V)	5	50	-	1083x597x968	100
1.108.155	160/22	30 - 160	240 - 1320	60	6,8 (3 x 400V)	5	50	-	1083x597x968	105
1.108.205	160/30	30 - 160	300 - 1800	60	9,5 (3 x 400V)	5	50	-	1083x597x968	124
1.108.305	220/16	30 - 220	180 - 960	60	7,0 (3 x 400V)	5	50	-	1083x597x968	109
1.108.405	220/22	30 - 220	240 - 1320	60	9,0 (3 x 400V)	5	50	-	1083x597x968	120
1.108.500	260/16	30 - 260	180 - 960	60	7,5 (3 x 400V)	5	50	-	1083x597x968	120

ECN-M / ECN-T

ECN-T										
	TYPE									
		bar	l/h	°C	kW	m	l	l	mm	kg
1.108.080*	140/41	30 - 140	300 - 2460	60	11,5 (3 x 400V)	5	-	50	1083x597x968	139
1.108.180	160/22	30 - 160	240 - 1320	60	6,8 (3 x 400V)	5	-	50	1083x597x968	108
1.108.230	160/30	30 - 160	300 - 1800	60	9,5 (3 x 400V)	5	-	50	1083x597x968	129
1.108.430	220/22	30 - 220	240 - 1320	60	9,0 (3 x 400V)	5	-	50	1083x597x968	123
1.108.480	220/30	30 - 220	300 - 1800	60	12,5 (3 x 400V)	5	-	50	1083x597x968	140
1.108.525	260/22	30 - 260	240 - 1320	60	11,5 (3 x 400V)	5	-	50	1083x597x968	123
1.108.580*	320/18	30 - 320	180 - 1080	60	11,5 (3 x 400V)	5	-	50	1083x597x968	140
1.108.780*	400/16	400	960	60	12,5 (3 x 400V)	5	-	50	1083x597x968	144
1.108.825*	500/15	500	900	60	15,0 (3 x 400V)	5	-	50	1083x597x968	173

OPTIONAL ACCESSORIES :

ECN-M / ECN-T		
		
1.208.002	Supplement for automatic start/stop for ECN-M (not on ECN-M 110/13)	
1.208.000	Supplement for automatic start/stop for ECN-T ≤ 12,5 KW	
1.208.001	Supplement for automatic start/stop for ECN-T > 12,5 KW + ECN-T 140/41	
3.208.020	Supplement for hose reel with 20 m high pressure hose included ≤ 260 bar	
3.208.021	Supplement for hose reel with 20 m high pressure hose included > 260 bar	
3.208.040	Supplement for hose reel with 40 m high pressure hose included ≤ 260 bar	
3.208.041	Supplement for hose reel with 40 m high pressure hose included > 260 bar	
3.204.126	Supplement for hose reel with 30 m high pressure hose included (1/2") > 220 bar	
3.204.125	Supplement to convert into 3 x 230 V (not on > 10 kW)	

Note : No hose reel available for > 350 bar



RECOMMENDED OPTIONAL ACCESSORIES :

Following special accessories are often requested tools for this type of high pressure cleaners. On pages 51 to 57, you find a summary table for compatibility with the different models, together with the codes. Please give us the desired pressure and flow with the order placement.



Hose reel set with 20 m or 40 m hose reel
not suitable for machine with operating
pressure > 350 bar
code : 1.208.xxx



High pressure extension hoses with quick
release from 10 m up to 25 m, suitable for
operating pressures ≤ 250 bar, ≤ 350 bar
and ≤ 500 bar
code : 1.208.xxx.020



Sewer hoses with nozzle and rotating
quick coupling from 10 m up to 25 m for
an operating pressure ≤ 200 bar
code : 1.238.220.xxx



Flexible spray lance with high pressure nozzle,
length 850 mm, for operating pressure ≤ 200 bar
code : 1.208.828.xxxxx



High pressure grit blasting lance with flat
jet nozzle and suction hose, suitable for an
operating pressure from ≤ 250 bar.
Length : 900 mm
code : 1.258.220.xxxx



200 mm foam lance with 1 l tank
and quick release, suitable for an
operating pressure from ≤ 250 bar
code : 1.244.251



High pressure grit blasting lance with power
jet hp nozzle and suction hose, suitable for
an operating pressure from ≤ 350 bar and
 ≤ 500 bar.
Length : 900 mm
code : 1.258.225.xxxx



High pressure grit blasting lance with flat
jet nozzle and suction hose suitable, for an
operating pressure from ≤ 350 bar and $\leq$
500 bar
Length : 900 mm
code : 1.258.229.xxxx



ECN-L

COLD WATER HIGH PRESSURE CLEANER - ELECTRIC POWERED

The ECN-L cold water high-pressure cleaner is an industrial cleaner for professional and industrial use in situations where high capacity is required. This model is available in 3 different engine/pump combinations from 500 up to 1000 bar.

STAINLESS STEEL cover
to protect motor and pump

ROBUST FRAME
powder coated steel frame
with firm handle

2 integrated
LANCE HOLDERS

INDUSTRIAL ENGINE/PUMP
a very powerful engine/
pump combination



Triplex plunger
pump



Water filter



Wheel brake system



STANDARD ACCESSORIES :



10 m high pressure
hose. (3/8")
code : 1.208.560.020



Single stainless steel lance with high pressure nozzle and
rotating quick coupling. (only on 500 bar)
code : 1.216.769.xxxxx



High pressure gun with
swivel. (only on 500 bar)
code : 1.211.535

TECHNICAL SPECIFICATIONS :

- Electric engine at low speed
- Triplex plunger pump
- Belt drive
- Pre pressure pump (only for 800 and 1000 bar version)
- Powder coated steel frame
- Automatic star/delta switch
- Pressure gauge
- Coarse particle filter
- Water filter (up to 20 µ)
- Safety valve
- Protected up to 60° C by thermo valve
- Step less pressure and flow regulation by by pass valve (only on 500 bar)
- Wheel brake system

MODELS :

ECN-L										
	TYPE									
		bar	l/h	°C	kW	m	l	l	mm	kg
1.108.880	500/30	30 - 500	1800	60	30 (3 x 400V)	5	-	-	1465x810x1035	472
1.108.920	800/19	800	1140	60	30 (3 x 400V)	5	-	-	1465x810x1035	520
1.108.950	1000/15	1000	900	60	30 (3 x 400V)	5	-	-	1465x810x1035	520

PTL-S

COLD WATER HIGH PRESSURE CLEANER - PETROL POWERED

The PTL-S cold water high pressure washer is extremely compact and through its small size and light weight easily portable. This professional high pressure cleaner is driven by a petrol engine, easy to use in even in places where there is no electricity. It's an all round cold water high pressure cleaner for sports events, stables...

EASILY PORTABLE
lightweight

ROBUST FRAME
powder coated steel frame

PRESSURE GAUGE
easy to read the
operating pressure



STANDARD ACCESSORIES :



10 m high pressure hose. (3/8")
code : 1.208.502.020



Single stainless steel lance with high pressure nozzle and rotating quick coupling.
code : 1.216.725.15050



High pressure gun with swivel.
code : 1.211.525

TECHNICAL SPECIFICATIONS :

- Honda petrol engine (manual starting = type B)
- Radial high pressure pump with 3 ceramic plungers and stainless steel valves
- Powder coated steel frame
- Pressure gauge
- Coarse particle filter
- Step less pressure and flow regulation by by pass valve

MODELS :

PTL-S										
	TYPE									
		bar	l/h	°C	kW	m	l	l	mm	kg
1.111.000	100/11 B	30 - 100	240 - 660	60	4,0 (petrol)	-	3,8	-	510x400x430	30



PTL-M

COLD WATER HIGH PRESSURE CLEANER - PETROL POWERED

Due to its on-board power source and self-contained operation, the PTL-M cold water high-pressure cleaner is easy to use in even in places where there is no electricity. Suitable for intensive daily use.



Radial high pressure pump with 3 ceramic plungers and stainless steel valves



Option :
Hose reel with 20 m or 40 m high pressure hose



Wheel brake system



STANDARD ACCESSORIES :



10 m high pressure
hose. (3/8")
code : 1.208.520.020



Single stainless steel lance with high pressure nozzle and
rotating quick coupling.
code : 1.216.729.xxxxx



High pressure gun with
swivel.
code : 1.211.525



Single stainless steel lance with rotating high
pressure nozzle and rotating quick coupling.
code : 1.208.729.xxxxx

TECHNICAL SPECIFICATIONS :

- Honda petrol or Hatz diesel engine, with manual or electric starting
- Radial high pressure pump with 3 ceramic plungers and stainless steel valves
- Powder coated steel frame
- Engine /pump coupling via reduction gearbox
- Pressure gauge
- Coarse particle filter
- Step less pressure and flow regulation by by pass valve
- Wheel brake system
- Automatic idling (optional for PTL-M 200/15 ED)

MODELS :

PTL-M										
	TYPE									
		bar	l/h	°C	kW	m	l	l	mm	kg
1.111.350	200/18 B	30 - 200	240 - 1080	60	9,5 (petrol)	-	6,5	-	1030x660x960	95
1.111.375	200/18 EB	30 - 200	240 - 1080	60	9,5 (petrol)	-	6,5	-	1030x660x960	108
1.111.500	250/13 B	30 - 250	180 - 780	60	9,5 (petrol)	-	6,5	-	1030x660x960	96
1.111.525	250/13 EB	30 - 250	180 - 780	60	9,5 (petrol)	-	6,5	-	1030x660x960	109
1.111.325	200/15 ED	30 - 200	240 - 900	60	8,0 (diesel)	-	6,5	-	1030x660x960	126

PTL-L

COLD WATER HIGH PRESSURE CLEANER - PETROL POWERED

Due to its on-board power source and self-contained operation, the PTL-L cold water high-pressure cleaner is easy to use even in places where there is no electricity. Suitable for intensive daily use

ROBUST FRAME
powder coated steel frame

2 INTEGRATED BRACKETS
for high pressure hose

FUEL TANK
24 l

STAINLESS STEEL
PROTECTION COVER
to protect the pump section

4 RUBBER wheels



Radial high pressure pump with 3 ceramic plungers and stainless steel valves



Wheel brake system



STANDARD ACCESSORIES :



10 m high pressure
hose (3/8")
code : 1.208.xxx.020



Single stainless steel lance with high pressure nozzle and
rotating quick coupling.
code : 1.216.749.15035 (350 bar)
code : 1.216.769.15030 (500 bar)



High pressure gun with
swivel.
code : 1.211.5xx



Single stainless steel lance with rotating high pressure
nozzle and rotating quick coupling. (only for 350 bar)
code : 1.208.749.xxxxx

TECHNICAL SPECIFICATIONS :

- Honda petrol engine with electric starting
- Radial high pressure pump with 3 ceramic plungers and stainless steel valves
- Powder coated steel frame
- Engine /pump coupling via reduction gearbox
- Pressure gauge
- Coarse particle filter
- Step less pressure and flow regulation by by pass valve
- Wheel brake system
- Protected up to 60° C by thermo valve

MODELS :

PTL-L										
	TYPE									
		bar	l/h	°C	kW	m	l	l	mm	kg
1.111.625	350/16 EB	30 - 350	960	60	15,0 (petrol)	-	24	-	1200x650x985	150
1.111.825	500/15 EB	30 - 500	900	60	18,0 (petrol)	-	24	-	1200x650x985	180

IBH-M

HOT WATER HIGH PRESSURE CLEANER - ELECTRIC POWERED

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. The advantages of this by DiBO developed, high tec heating system are in essence, a low a emission of harmful gases, combined with a low fuel consumption, that is 18% lower than the consumption of a conventional burner.



70 kW

- GreenBoiler for a greater efficiency >92%
- 18% fuel saving
- Low CO2 emission
- Low maintenance cost

HIGH-QUALITY MATERIALS
rotation casted polyethylene in
combination with stainless steel

MODERN ERGONOMIC DESIGN
with 2 integrated lance holders



MOBILE AND STABLE
2 casters with wheel brake system
and large rear wheels



Radial high pressure pump with 3 ceramic plungers and stainless steel valves



Flexible engine/pump coupling



Internal and external detergent supply



Integrated 50 l fuel tank and 45 l detergent tank both with quick fill cap



70 kW GreenBoiler



STANDARD ACCESSORIES :



10 m high pressure
hose (3/8")
code : 1.208.xxx.020



Single stainless steel lance with high pressure nozzle and
rotating quick coupling.
code : 1.216.729.xxxxx (≤ 260 bar)
code : 1.216.749.xxxxx (320/350 bar)



High pressure gun
with swivel.
code : 1.211.525


 OPERATING PANEL
 easy to use :

- 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
- Step less pressure and flow regulation by by pass valve
- Pressure gauge to easily read the pressure

TECHNICAL SPECIFICATIONS :

- Automatic start/stop system with 30 s shut-down-delay
- Electric engine at low speed
- Flexible engine/pump coupling
- Radial high pressure pump with 3 ceramic plungers and stainless steel valves
- Powder coated steel frame
- Pressure gauge
- Coarse particle filter
- Direct-in
- Step less pressure and flow regulation by by pass valve
- Leak- and thermal protection
- Direct supply of detergents from the built-in detergent tank (45 l) or external detergent suction with dosing valve, easy to adjust

MODELS :

IBH-M											
	TYPE										
		bar	l/h	°C	kW	m	l	l	l	mm	kg
1.116.000	110/13	30 - 110	180 - 780	30 - 150	3,0 (1 x 230V)	5	50	12	45	1200x728x1152	217
1.116.100	160/16	30 - 160	180 - 960	30 - 150	5,2 (3 x 400V)	5	50	12	45	1200x728x1152	240
1.116.150	160/22	30 - 160	240 - 1320	30 - 150	5,5 (3 x 400V)	5	50	12	45	1200x728x1152	237
1.116.300	220/16	30 - 220	180 - 960	30 - 150	7,0 (3 x 400V)	5	50	12	45	1200x728x1152	240
1.116.400	220/22	30 - 220	240 - 1320	30 - 150	7,5 (3 x 400V)	5	50	12	45	1200x728x1152	240
1.116.500	260/16	30 - 260	180 - 960	30 - 150	11,0 (3 x 400V)	5	50	12	45	1200x728x1152	245
1.116.550	320/18	30 - 320	180 - 1080	30 - 150	12,5 (3 x 400V)	5	50	12	45	1200x728x1152	260
1.116.600	350/16	30 - 350	180 - 960	30 - 150	12,5 (3 x 400V)	5	50	12	45	1200x728x1152	270

IBH-M



OPTIONAL ACCESSORIES :

IBH-M		
		
3.208.020	Supplement for hose reel with 20 m high pressure hose ≤ 260 bar	
3.208.021	Supplement for hose reel with 20 m high pressure hose > 260 bar	
3.208.040	Supplement for hose reel with 40 m high pressure hose ≤ 260 bar	
3.208.041	Supplement for hose reel with 40 m high pressure hose > 260 bar	
3.204.130	Supplement to convert into 3 x 230 V (not on > 10 kW)	



RECOMMENDED OPTIONAL ACCESSORIES :

Following special accessories are often requested tools for this type of high pressure cleaners. On pages 51 to 57, you find a summary table for compatibility with the different models, together with the codes. Please give us the desired pressure and flow with the order placement.



Hose reel set with 20 m or 40 m hose reel
not suitable for machine with operating
pressure > 350 bar
code : 1.216.xxx



High pressure extension hoses with quick
release from 10 m up to 25 m suitable for
operating pressures ≤ 250 bar and ≤ 350 bar
code : 1.208.520.xxx (≤ 250 bar)
1.208.540.xxx (> 250 and ≤ 350 bar)



Sewer hoses with nozzle and rotating
quick coupling from 10 m up to 25 m for
an operating pressure ≤ 200 bar
code : 1.238.520.xxxxx



Flexible spray lance with high pressure nozzle,
length 850 mm, for operating pressure ≤ 200 bar
code : 1.208.828.xxxxx



High pressure grit blasting lance with flat
jet nozzle and suction hose suitable for an
operating pressure from ≤ 250 bar.
Length : 900 mm
code : 1.258.220.xxxxx



200 mm foam lance with 1l tank
and quick release , suitable for an
operating pressure from ≤ 250 bar
code : 1.244.251



High pressure grit blasting lance with power
jet hp nozzle and suction hose suitable for an
operating pressure from ≤ 350 bar and
 ≤ 500 bar.
Length : 900 mm
code : 1.258.225.xxxxx



High pressure grit blasting lance with flat jet nozzle
and suction hose suitable for an operating pressure
from ≤ 350 bar and ≤ 500 bar
Length : 900 mm
code : 1.258.229.xxxx

IBH-M+ / IBH-L+

HOT WATER HIGH PRESSURE CLEANER - ELECTRIC POWERED

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. The advantages of this by DiBO developed, high tec heating system are in essence, a low a emission of harmful gases, combined with a low fuel consumption, that is 18% lower than the consumption of a conventional burner.

The '+' versions are characterized by a fully digital operation.



70 kW (IBH-M+) 110 kW (IBH-L+)

- GreenBoiler for a greater efficiency >92%
- 18% fuel saving
- Low CO2 emission
- Low maintenance cost



MODERN ERGONOMIC DESIGN
with 2 integrated lance holders

HIGH-QUALITY MATERIALS :
rotation casted polyethylene in
combination with stainless steel



3 INTEGRATED TANKS

- 50 l fuel tank,
- 45 l detergent tank
- 1 l water softener tank.

All with quick-fill cap

MOBILE AND STABLE
2 casters with wheel brake system
and large rear wheels



Radial high pressure
pump with 3 ceramic
plungers and stainless
steel valves



Flexible engine/
pump coupling



Internal and external
detergent supply



70 kW and 110 kW
GreenBoiler

STANDARD ACCESSORIES :



10 m high pressure
hose (3/8")
code : 1.208.xxx.020



Single stainless steel lance with high pressure nozzle and
rotating quick coupling.
code : 1.216.729.xxxxx (≤ 250 bar)
code : 1.216.749.xxxxx (> 250 and ≤ 350 bar)



High pressure gun with
swivel
code : 1.211.5xx



OPERATING PANEL :

- Digital display
- Quick-fill cap for detergent tank 45 l and fuel tank 50 l
- Main switch ON/OFF
- Step less pressure and flow regulation by by pass valve

DIGITAL DISPLAY shows information about :

- Boiler ON/OFF
- Working hours - service - menu options
- Operating pressure - warnings for malfunction - selected temperature - temperature adjustment
- Adjustable water softener metering in proportion to the available tap water
- Language selector (adjustable in 4 different languages)

TECHNICAL SPECIFICATIONS :

- Automatic start/stop system with 30 s shut-down-delay
- Electric engine at low speed
- Flexible engine/pump coupling
- Radial high pressure pump with 3 ceramic plungers and stainless steel valves
- Powder coated steel frame
- Pressure gauge
- Coarse particle filter
- Direct-in
- Step less pressure and flow regulation by by pass valve
- Flame protection, run dry protection, leak protection, pressure protection, temperature and thermal protection
- Automatic water softening system
- Direct supply of detergents from the built-in detergent tank (45 l) or external detergent suction with dosing valve, easy to adjust

MODELS :

IBH-M+											
	TYPE										
		bar	l/h	°C	kW	m	l	l	l	mm	kg
1.116.010	110/13	30 - 110	180 - 780	30- 150	3,0 (1 x 230V)	5	50	12	45	1200x728x1152	236
1.116.110	160/16	30 - 160	180 - 960	30- 150	5,2 (3 x 400V)	5	50	12	45	1200x728x1152	250
1.116.160	160/22	30 - 160	240- 1320	30- 150	5,5 (3 x 400V)	5	50	12	45	1200x728x1152	247
1.116.310	220/16	30 - 220	180 - 960	30- 150	7,0 (3 x 400V)	5	50	12	45	1200x728x1152	250
1.116.510	260/16	30 - 260	180 - 960	30- 150	11,0 (3 x 400V)	5	50	12	45	1200x728x1152	255
1.116.560	320/18	30 - 320	180- 1080	30- 150	12,5 (3 x 400V)	5	50	12	45	1200x728x1152	275
1.116.610	350/16	30 - 350	180 - 960	30- 150	12,5 (3 x 400V)	5	50	12	45	1200x728x1152	280

Subject to change

IBH-M+ / IBH-L+

IBH-L+										
	TYPE									
		bar	l/h	°C	kW	l	l	l	mm	kg
1.116.225	160/30	30 - 160	300 - 1800	30 - 150	9,5 (3 x 400V)	50	45	12	1200x728x1152	281
1.116.425	220/22	30 - 220	240 - 1320	30 - 150	9,5 (3 x 400V)	50	45	12	1200x728x1152	293
1.116.475	220/30	30 - 220	300 - 1800	30 - 150	12,5 (3 x 400V)	50	45	12	1200x728x1152	293
1.116.525	260/22	30 - 260	1320	30 - 150	12,5 (3 x 400V)	50	45	12	1200x728x1152	325

	TYPE									
kW		l	m							
70	ALL IBH-M+	1	5							
110	ALL IBH-L+	1	5							



OPTIONAL ACCESSORIES :

IBH-M+ / IBH-L+		
3.208.020	Supplement for hose reel with 20 m high pressure hose ≤ 260 bar	
3.208.021	Supplement for hose reel with 20 m high pressure hose > 260 bar	
3.208.040	Supplement for hose reel with 40 m high pressure hose ≤ 260 bar	
3.208.041	Supplement for hose reel with 40 m high pressure hose > 260 bar	
3.208.041	Supplement to convert into 3 x 230 V (not on > 10 kW)	
1.216.100	Remote controle by cable (50 m cable not included)	
1.216.105	Wireless remote control. Functions: ON/OFF machine ON/OFF boiler ON/OFF detergents	





Remote control
IBH-M+ and IBH-L+

Wireless remote
control
IBH-M+ and IBH-L+

RECOMMENDED OPTIONAL ACCESSORIES :

Following special accessories are often requested tools for this type of high pressure cleaners. On pages 51 to 57, you find a summary table for compatibility with the different models, together with the codes. Please give us the desired pressure and flow with the order placement.



Hose reel set with 20 m or 40 m hose reel
not suitable for machine with operating
pressure > 350 bar



High pressure extension hoses with quick
coupling from 10 m up to 25 m, suitable for
operating pressures ≤ 250 bar and ≤ 350 bar
code : 1.208.520.xxx (≤ 250 bar)
1.208.540.xxx (> 250 and ≤ 350 bar)



Sewer hoses with nozzle and rotating
quick coupling from 10 m up to 25 m for
an operating pressure ≤ 200 bar
code : 1.238.520.xxxxx



Flexible spray lance with high pressure
nozzle, length 850 mm, for operating
pressure ≤ 200 bar
code : 1.208.828.xxxx



High pressure grit blasting lance with flat
jet nozzle and suction hose, suitable for
an operating pressure from ≤ 250 bar.
Length : 900 mm
code : 1.258.220.xxxxx



High pressure grit blasting lance with
power jet hp nozzle and suction hose
suitable, for an operating pressure from
 ≤ 350 bar and ≤ 500 bar.
Length : 900 mm
code : 1.258.225.xxxxx



High pressure grit blasting lance with flat
jet nozzle and suction hose, suitable for an
operating pressure from ≤ 350 bar and
 ≤ 500 bar.
code : 1.258.229.xxxxx



200 mm foam lance with 1l tank
and quick release , suitable for an
operating pressure from ≤ 250 bar
code : 1.244.251



SBH-D / SBH-G

HOT WATER HIGH PRESSURE CLEANER - ELECTRIC POWERED

The SBH hot-water high-pressure cleaner is particularly suitable for a wide range of cleaning jobs, because it offers the choice of cold- or hot-water cleaning. This high-pressure cleaner is produced in 2 versions, i.e. with a diesel boiler (= model D) or a gas boiler (= model G)

A stationary unit is the most obvious solution to clean with hot water in one or different rooms without the need to move the high pressure cleaner.



HIGH-QUALITY MATERIALS
with stainless steel cover

OPERATING PANEL
easy to use:

- ON/OFF
- Boiler switch
- Temperature adjustment
- Hour counter



Radial high pressure
pump with 3 ceramic
plungers and stainless
steel valves



Flexible engine/
pump coupling

STANDARD ACCESSORIES :



Single stainless steel lance with high pressure nozzle and rotating quick coupling.
code : 1.216.729.xxxxx



High pressure gun with swivel.
code : 1.211.525

TECHNICAL SPECIFICATIONS :

- Automatic start/stop system with 30 s shut-down-delay
- Stainless steel cover for the engine/pump section
- Diesel boiler (model D)
- Gaz boiler (model G)
- Flexible engine/pump coupling
- Radial high pressure pump with 3 ceramic plungers and stainless steel valves
- Pressure gauge
- Coarse particle filter
- Hour counter
- Detergent suction with dosing valve

Note: the machine is not equipped with high pressure hose

MODELS :

SBH-D										
	TYPE									
		bar	l/h	°C	kW	m	l	l	mm	kg
1.119.100	150/15 D	30 - 150	180 - 900	30 - 150	4,0 (1 x 230V)	5	27	10	820x920x1040	163
1.119.300	200/15 D	30 - 200	180 - 900	30 - 150	5,5 (3 x 400V)	5	27	10	820x920x1040	180

SBH-G										
	TYPE									
		bar	l/h	°C	kW	m	l	l	mm	kg
1.119.125	150/15 G	30 - 150	180 - 900	30 - 150	4,0 (3 x 400V)	5	-	10	820x920x1040	163
1.119.325	200/15 G	30 - 200	180 - 900	30 - 150	5,5 (3 x 400V)	5	-	10	820x920x1040	163

SBH-E

HOT WATER HIGH PRESSURE CLEANER - ELECTRIC POWERED

Industrial stationary high pressure units, with automatic start-stop system with delay, electric heated (Model E) and as standard equipped with 2 dosing pumps (3 dosing pumps for the version with 4 and more washing programmes)

These DiBO industrial stationary high pressure units have unlimited possibilities for different applications for professional and industrial use, and can be enlarged to a complete carwash systems by different operation consoles.

HIGH-QUALITY MATERIALS
with stainless steel cover

OPERATING PANEL
easy to use :

- ON/OFF
- Boiler switch
- Temperature adjustment
- Hour counter



Radial high pressure pump with 3 ceramic plungers and stainless steel valves



Flexible engine/ pump coupling





BASIC



MPR-M



MPR-E



HDR-5

HDR8-O
HDR8-I

OPERATIONS :

- **BASIC :** - Basic operation with 3 selection programmes : rinse / wax / shampoo
- **MPR-M :** - Operation with 3 selection programmes : rinse / wax / shampoo
- With mechanical coin inserter
- **MPR-E :** - Operation with 3 selection programmes : rinse / wax / shampoo
- With electronic coin inserter
- **HDR-5 :** - Operating control with 4 selection programmes :
rinse (hot water) / wax / shampoo / brush / insect remover or polish
- Stop
- With electronic coin inserter
- **HDR8-O/I :** - Operation with 7 selection programmes :
insect remover / foam (cold water) / prewash / brush (cold water) /rinse (cold water) / wax /
Polish (dry cleaning)
- Stop
- With electronic coin inserter
- Surface-mounted operation (model : HDR8-O)
- Built-in operation (model : HDR8-I)

TECHNICAL SPECIFICATIONS :

- Automatic start/stop system with 30 s shut-down-delay
- Stainless steel cover for the engine/pump section
- Electrical heating element (model E)
- Flexible engine/pump coupling
- Radial high pressure pump with 3 ceramic plungers and stainless steel valves
- Pressure gauge
- Coarse particle filter
- Hour counter
- Detergent suction with 2 dosing pumps (3 selection programmes)
- Detergent suction with 3 dosing pumps (4 and 7 selection programmes)

Note: the machine is not equipped with spraying tools

MODELS :

SBH-E										
	TYPE									
		bar	l/h	°C	kW	kW	m	l	mm	kg
1.123.000	100/11 BASIC	30 - 100	180 - 660	30 - 60	2,6 (3 x 400V)	9	3,5	10	820x920x1000	204
1.123.004	100/11 MPR-M	30 - 100	180 - 660	30 - 60	2,6 (3 x 400V)	9	3,5	10	820x920x1000	204
1.123.008	100/11 MPR-E	30 - 100	180 - 660	30 - 60	2,6 (3 x 400V)	9	3,5	10	820x920x1000	204
1.123.012	100/11 HDR-5	30 - 100	180 - 660	30 - 60	2,6 (3 x 400V)	9	3,5	10	820x920x1000	204
1.123.016	100/11 HDR8-O	30 - 100	180 - 660	30 - 60	2,6 (3 x 400V)	9	3,5	10	820x920x1000	204
1.123.020	100/11 HDR8-I	30 - 100	180 - 660	30 - 60	2,6 (3 x 400V)	9	3,5	10	820x920x1000	204

HOTBOX

MOBILE BURNER

The DiBO HOTBOX allows you to make a professional hot water equipment from your cold water high- pressure cleaner. This mobile burner module can be connected easily between the cold water high- pressure cleaner and the high-pressure hose. It works completely independent and heats the water to a maximum level of 150° C. This makes it extremely useful to a whole range of cleaning jobs, for which the use of hot water is to be necessary for an effective and thorough cleaning, a.o. in the field of agriculture for stable and shed cleaning, for industrial use and in private accommodations for swimming pool cleaning, etc. The Firebox is being fed by a high-pressure cleaner or by another water pump with a minimum working pressure of 40 bar.

The HOTBOX is equipped with the DiBO GreenBoiler. The advantages of this by DiBO developed, high tec heating system are in essence, a low a emission of harmful gases, combined with a low fuel consumption, that is 18% lower than the consumption of a conventional burner.



70 kW

- GreenBoiler for a greater efficiency >92%
- 18% fuel saving
- Low CO2 emission
- Low maintenance cost

HIGH-QUALITY MATERIALS :
rotation casted polyethylene in
combination with stainless steel

MOBILE AND STABLE
2 casters with wheel
brake system
and large rear wheels



MODERN and
ERGONOMIC DESIGN



Easy to use operation
panel with ON/OFF
switch and thermostat



70 kW GreenBoiler

STANDARD ACCESSORIES :



2 m high pressure hose
(3/8")
code : 1.821.119
code : 1.821.148

TECHNICAL SPECIFICATIONS :

- Single phase burner engine, directly connected to the fan and to the fuel engine
- Safety precautions : equipped with a pressure switch, a safety valve and flow meter in order to check if the machine does not run dry
- Inlet : 3/8" external thread and outlet : V-part
- Powder coated steel frame

MODELS :

HOTBOX									
	TYPE								
		bar	l/h	°C	kW	kW	l	mm	kg
1.173.205	220	max. 220	360 - 1320	30 - 150	0,3 (1 x 230 V)	70	27	900x700x1150	155
1.173.207	500	max. 500	360 - 1080	30 - 150	0,3 (1 x 230 V)	70	27	900x700x1150	160



JMB-E

HOT WATER HIGH PRESSURE CLEANER - PETROL / DIESEL POWERED

These DiBO industrial stationary high pressure units have unlimited possibilities for different applications for professional and industrial use. The unit is available in 2 version, with petrol engine (Model B) or with diesel engine (Model D). Due to its on-board power source and self-contained operation, the JMB-E hot water high-pressure cleaner is easy to use in even in places where there is no electricity.

It is ideally suited for a wide range of cleaning jobs, because it offers the choice of cold or hot water cleaning.

ROBUST FRAME
powder coated steel frame

OPERATING PANEL
easy to use :

- ON/OFF
- Boiler switch
- Temperature adjustment



Radial high pressure
pump with 3 ceramic
plungers and stainless
steel valves

STANDARD ACCESSORIES :



10 m high pressure
hose (3/8")
code : 1.208.520.020



Single stainless steel lance with high pressure nozzle and
rotating quick coupling.
code : 1.216.729.xxxxx



High pressure gun with
swivel.
code : 1.211.525

TECHNICAL SPECIFICATIONS :

- Diesel boiler with independent motor and 18l fuel tank
- Hatz diesel engine (Model D) or Honda petrol engine. (Model B) Manual or electric engine starting (Model E)
- Radial high pressure pump with 3 ceramic plungers and stainless steel valves
- Powder coated steel frame
- Pressure gauge
- Coarse particle filter
- Pressure reduction up to 10 bar with sealed gun
- Stepless pressure and flow regulation via by pass valve

MODELS :

JMB-E										
	TYPE									
		bar	l/h	°C	kW	kW	m	l	mm	kg
1.126.300	200/15 B	30 - 200	180 - 900	30 - 150	9,5 (petrol)	70	-	6,5	1100x660x730	205
1.126.325	200/15 EB	30 - 200	180 - 900	30 - 150	9,5 (petrol)	70	-	6,5	1100x660x730	211
1.126.330	200/15 ED	30 - 200	180 - 900	30 - 150	8,0 (diesel)	70	-	6,5	1100x660x730	229

OPTIONAL ACCESSORIES :



JMB-E		
1.226.500	Trolley frame	

JMB-S

HOT WATER HIGH PRESSURE CLEANER ON TRAILER OR BUILT-IN CONFIGURATION

The DiBO JMB-S version is the smallest DiBO high pressure cleaner on trailer. An industrial high pressure cleaner with a fuel engine mounted on a single-axle trailer. It's also possible to clean with cold water. The efficient arrangement of the engine and control compartments and the possibility of working with the protective flaps closed make the JMB-S a high-pressure unit that avoids noise pollution and can therefore be used anywhere, also in places where there is no electricity.

This trailer is suitable for daily heavy duty cleaning in many different branches of the cleaning industrie, shipping, agriculture, facade cleaning sector... and he is available in different motor/pump combinations as well as a built-in unit.



BUILT-IN CONFIGURATION
for installation in van or truck

12 V OPERATING VOLTAGE
for electronic steering and boiler

LIGHTWEIGHT trailer



HIGH PERFORMANCE DIESEL BOILER
from 110 kW with independent motor
fitted and fuel valve with
electronic ignition

INTEGRATED HOSE REELS
for high and low pressure hoses



Radial high pressure
pump with 3 ceramic
plungers and stainless
steel valves



Operating panel

STANDARD ACCESSORIES :



Built-in hose reels with
40 m high pressure
hose 3/8" and 25 m
3/4" low pressure
hose.



Single stainless steel lance with high pressure nozzle and
rotating quick coupling.
code : 1.216.729.xxxxx (≤ 250 bar)
code : 1.216.749.xxxxx (> 250 and ≤ 350 bar)
code : 1.216.769.xxxxx (> 350 and ≤ 500 bar)



High pressure gun with
swivel.
code : 1.211.5xx

TECHNICAL SPECIFICATIONS :

- Industrial water cooled diesel engine
- Gear box or belt drive
- 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
- Pressure gauge
- Pressure reduction up to 10 bar with sealed gun
- Stepless pressure and flow regulation via speed engine governor
- Hour counter
- Trailer version is built on a galvanized trailer fitted with support and swivel wheel

MODELS :

JMB-S										
	TYPE									
		bar	l/h	°C	kW	kW	l	l	mm	kg
1.129.360	200/18 T	30 - 200	1080	30 - 120	12,5 (diesel)	110	53	115	2695x1440x1458	550
1.129.365	200/18 TG	30 - 200	1080	30 - 120	12,5 (diesel)	110	53	115	2695x1440x1458	550
1.129.350	200/18 I	30 - 200	1080	30 - 120	12,5 (diesel)	110	53	115	1450x1020x885	450
1.129.460	200/30 T	30 - 200	1800	30 - 120	18,9 (diesel)	110	53	115	2695x1440x1458	680
1.129.465	200/30 TG	30 - 200	1800	30 - 120	18,9 (diesel)	110	53	115	2695x1440x1458	680
1.129.450	200/30 I	30 - 200	1800	30 - 120	18,9 (diesel)	110	53	115	1450x1020x885	530
1.129.660	350/18 T	30 - 350	1080	30 - 120	18,9 (diesel)	110	53	115	2695x1440x1458	680
1.129.665	350/18 TG	30 - 350	1080	30 - 120	18,9 (diesel)	110	53	115	2695x1440x1458	680
1.129.995	350/18 I	30 - 350	1080	30 - 120	18,9 (diesel)	110	53	115	1450x1020x885	530
1.129.860	500/18 I	30 - 500	1080	30 - 120	26,0 (diesel)	110	53	115	1450x1020x885	530

T = Unbraked trailer, TG = Braked trailer, I = Built-in configuration

JMB-M

HOT WATER HIGH PRESSURE CLEANER ON TRAILER

Autonomous and aerodynamic hot water high pressure cleaner on trailer, fitted with the newest 'green' technologies. It's also possible to clean with cold water. Thanks to the implementation of DiBO's GreenBoiler combined with the intercooling, there is a fuel saving of 33% compared with the traditional trailers on the market.

The efficient arrangement of the engine and control compartments and the possibility of working with a completely closed trailer, the JMB-M is a high pressure cleaner that avoids noise pollution (<85 dB) and can therefore be used anywhere. This trailer is suitable for continuous heavy duty cleaning in many different branches of the cleaning industry, shipping, agriculture, facade cleaning sector... and he is available in different motor/pump combination and as built-in configuration.



70 kW

- GreenBoiler for a greater efficiency >92%
- 18% fuel saving
- Low CO2 emission
- Low maintenance cost

UV-resistant DOUBLE-WALLED housing in rotation moulded polyethylene >>> sound insulated: < 85 dB

MODERN & AERODYNAMIC design for less air resistance

EASY OPERATION

low voltage (12V) for the electronic control and for the burner >>> safety

WASHABLE WATER FILTER standard



Heat exchanger for engine cooling with pre-heating from the water in the tank gives up to 15% fuel saving



Integrated stainless steel hose reels for low and high pressure hoses for a wide operation range



STANDARD ACCESSORIES :



Integrated stainless steel low and high pressure hose reels with 40 m 3/8" high pressure hose and 25 m 3/4" low pressure hose included.



Single stainless steel lance with high pressure nozzle and rotating quick coupling.
 code : 1.216.729.xxxxx (≤ 250 bar)
 code : 1.216.749.xxxxx (> 250 and ≤ 350 bar)
 code : 1.216.769.xxxxx (> 350 and ≤ 500 bar)



High pressure gun with swivel.
 code : 1.211.5xx

TECHNICAL SPECIFICATIONS :

- Industrial water cooled diesel engine with preheating of the water in the tank via heatexchanger. This saves up 15 % fuel for the burner
- 33% total fuel saving by combining GreenBoiler and heatexchanger
- Radial high pressure pump with 3 ceramic plungers and stainless steel valves
- Diesel boiler with independent motor fitted and fuel valve with electronic ignition
- 12 V operating voltage for electronic control and for the burner
- Run dry protection / water filter / pressure gauge / hour counter
- Electronic control with indicator lamp for machine functions such as oil level, water level, fuel level and flame protection
- Auto-stop system stops the engine after 30 min. without spraying activity
- Stepless pressure and flow regulation via speed engine governor
- Trailer version: galvanized trailer fitted with support and swivel wheel with rotation casted polyethylene housing (light-weight)
- 500 l built-in water tank (only for TG version)
- Pressure reduction up to 10 bar with sealed gun

MODELS :

JMB-M										
	TYPE									
		bar	l/h	°C	kW	kW	l	l	mm	kg
1.130.365	200/18 TG	30 - 200	1080	30 - 120	12,5 (diesel)	110	80	500	3500x1750x1600	865
1.130.350	200/18 I	30 - 200	1080	30 - 120	12,5 (diesel)	110	80	500	2250x1180x1230	885
1.130.465	200/30 TG	30 - 200	1800	30 - 120	18,9 (diesel)	110	80	500	3500x1750x1600	885
1.130.450	200/30 I	30 - 200	1800	30 - 120	18,9 (diesel)	110	80	500	2250x1180x1230	530
1.130.665	350/18 TG	30 - 350	1080	30 - 120	18,9 (diesel)	110	80	500	3500x1750x1600	885
1.130.650	350/18 I	30 - 350	1080	30 - 120	18,9 (diesel)	110	80	500	2250x1180x1230	530
1.130.875	500/18 TG	30 - 500	1080	30 - 120	26,0 (diesel)	85	80	500	3500x1750x1600	950
1.130.860	500/18 I	30 - 500	1080	30 - 120	26,0 (diesel)	85	80	500	2250x1180x1230	530

TG = Braked trailer, I = Built-in configuration

JMB-L

HOT WATER HIGH PRESSURE CLEANER ON TRAILER

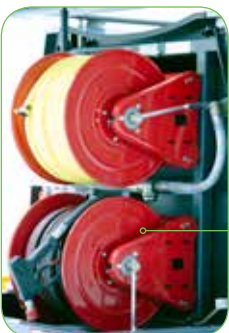
The DiBO JMB-L is an autonomous hot water high pressure cleaner, available in single-axle or double-axle trailer, built-in and skid-configuration. This hot water high pressure cleaner on trailer is built complying with DiBO's rigid quality standards and is suitable for many different cleanings such as daily heavy duty cleaning in many different branches of the cleaning industry, shipping, agriculture, facade cleaning sector. This high pressure cleaner is also available as skid-configuration.



Skid-configuration

Stainless steel
FOLDING doors

2 burners from 85 kW
connected in PARALLEL
for a quick heating of the water



INTEGRATED HOSE REELS
for high and low pressure hoses



DiBO HIGH PERFORMANCE CONTROLLER on 24 V DC:

- communication between operator and machine, with possibility to choose the language
- diagnostic centre for technical department
- information about: pressure, flow rate, temperature, working hours, service malfunctions ...

STANDARD ACCESSORIES :



Integrated high and low pressure hose reels with 50 m 3/8" (1/2" for JMB-I 400/45) high pressure hose and 50 m 3/4" LP hose.



Single stainless steel lance with high pressure nozzle and rotating quick coupling.
code : 1.216.769.xxxxx



High pressure gun with swivel.
code : 1.211.535

TECHNICAL SPECIFICATIONS :

- Automatic speed control (with 30 s shut-down delay to idle speed)
- Industrial watercooled 4-cylinder turbo diesel engine
- Charge pump
- 2 burners from 85 kW connected in parallel
- Radial high pressure pump with 3 ceramic plungers and stainless steel valves
- 2 burners with independent motor fitted and fuel valve
- 24 V operation voltage
- Digital information system
- Datamanagement (DiBO Diagnostics software)
- Pressure relief up to 10 bar with sealed gun
- Stepless pressure and flow regulation via DiBO controller
- Trailer version: galvanized double-axle braked trailer fitted with swivel wheel
- Toolbox

MODELS :

JMB-L										
	TYPE									
		bar	l/h	°C	kW	kW	l	l	mm	kg
1.135.810	400/45 TG	30 - 400	2700	30 - 90	48,0 (diesel)	2 x 85	200	300	4110x1700x1600	1450
1.135.805	400/45 S	30 - 400	2700	30 - 90	48,0 (diesel)	2 x 85	200	300	2710x1270x1110	1340
1.135.800	400/45 I	30 - 400	2700	30 - 90	48,0 (diesel)	2 x 85	200	300	710x1270x1110	1255
1.135.910	500/38 TG	30 - 500	2280	30 - 90	48,0 (diesel)	2 x 85	200	300	4110x1700x1600	1450
1.135.905	500/38 S	30 - 500	2280	30 - 90	48,0 (diesel)	2 x 85	200	300	2710x1270x1110	1340
1.135.900	500/38 I	30 - 500	2280	30 - 90	48,0 (diesel)	2 x 85	200	300	710x1270x1110	1255
1.135.960	600/30 TG	30 - 600	1800	30 - 90	48,0 (diesel)	2 x 85	200	300	4110x1700x1600	1450
1.135.955	600/30 S	30 - 600	1800	30 - 90	48,0 (diesel)	2 x 85	200	300	2710x1270x1110	1340
1.135.950	600/30 I	30 - 600	1800	30 - 90	48,0 (diesel)	2 x 85	200	300	710x1270x1110	1255

TG = Braked trailer, I = Built-in configuration, S= Skid-configuration

JMB-L



OPTIONAL ACCESSORIES :



1.235.020
Basic remote control with
hose reel and 50 m electric
cable



1.235.021
Wireless remote control

JMB-L	
1.235.020	Remote control
1.235.021	Wireless remote control
1.235.040	Spark arrestor for motor and boilers (stainless steel cage with stainless steel mesh)
1.235.041	Spark arrestor for motor (with ATEX certificate)
1.235.042	Spark arrestor burner (with ATEX certificate)
1.235.060	24 V DC socket
1.235.050	Anti-scaling system

JMB-H

HOT WATER HIGH PRESSURE CLEANER ON TRAILER

Autonomous hot water high pressure cleaner, available as single-axle or double-axle trailer, built-in and skid-configuration.

It's built according to DiBO's high quality standards. The trailer version is equipped with acoustic damping material. This makes the JMB-H a high pressure clean trailer that prevents noise and therefore can be used anywhere. Suitable for many different cleaning jobs such as daily heavy duty cleaning in many different branches of the cleaning industrie, shipping, agriculture, facade cleaning sector.

The JMB-H is also a perfect solution for custom-built designs.


GreenBoiler

85 kW and 110 kW

- GreenBoiler for a greater efficiency >92%
- 18% fuel saving
- Low CO2 emission
- Low maintenance cost



HORIZONTAL stainless steel
water and fuel tank



Easy to operate with DIGITAL DISPLAY and DiBO HPC on 12 VDC :

- Pressure and temperature adjustment by means of touchsensitive keys (+/-),
- Maintenance information,
- Electronic protection,
- Information about super heated water,...



INTEGRATED HOSE REELS
for high and low pressure hoses

JMB-H



MODELS :

JMB-H										
	TYPE									
		bar	l/h	°C	kW	kW	l	l	mm	kg
1.132.360	200/18 TG	30 - 200	1080	30 - 120	12,5 (diesel)	110	104	400	3285x1535x2240	870
1.132.350	200/18 I	30 - 200	1080	30 - 120	12,5 (diesel)	110	-	-	1050x1020x960	370
1.132.355	200/18 S	30 - 200	1080	30 - 120	12,5 (diesel)	110	104	-	1800x1300x1060	560
1.132.365	200/18 TG2	30 - 200	1080	30 - 120	12,5 (diesel)	110	104	620	3285x1765x2240	1050
1.132.460	200/30 TG	30 - 200	1800	30 - 120	18,9 (diesel)	110	104	400	3285x1535x2240	870
1.132.450	200/30 I	30 - 200	1800	30 - 120	18,9 (diesel)	110	-	-	1050x1020x960	370
1.132.455	200/30 S	30 - 200	1800	30 - 120	18,9 (diesel)	110	104	-	1800x1300x1060	570
1.132.465	200/30 TG2	30 - 200	1800	30 - 120	18,9 (diesel)	110	104	620	3285x1765x2240	1050
1.132.660	350/18 TG	30 - 350	1080	30 - 120	18,9 (diesel)	110	104	400	3285x1535x2240	870
1.132.650	350/18 I	30 - 350	1080	30 - 120	18,9 (diesel)	110	-	-	1050x1020x960	370
1.132.655	350/18 S	30 - 350	1080	30 - 120	18,9 (diesel)	110	104	-	1800x1300x1060	570
1.132.665	350/18 TG2	30 - 350	1080	30 - 120	18,9 (diesel)	110	104	620	3285x1765x2240	1050
1.132.870	500/18 TG	30 - 500	1080	30 - 120	26,0 (diesel)	85	104	400	3285x1535x2240	890
1.132.860	500/18 I	30 - 500	1080	30 - 120	26,0 (diesel)	85	-	-	1050x1020x960	390
1.132.865	500/18 S	30 - 500	1080	30 - 120	26,0 (diesel)	85	104	-	1800x1300x1060	590
1.132.875	500/18 TG2	30 - 500	1080	30 - 120	26,0 (diesel)	85	104	620	3285x1765x2240	1070

TG = Braked trailer, I = Built-in configuration, S= Skid-configuration, TG2 = Double-axle braked trailer

STANDARD ACCESSORIES :



Integrated high and low pressure hose reels with 50 m 3/8" high pressure hose and 50 m 3/4" low pressure hose



Single stainless steel lance with high pressure nozzle and rotating quick coupling.
 code : 1.216.729.xxxxx (≤ 250 bar)
 code : 1.216.749.xxxxx (> 250 bar and ≤ 250 bar)
 code : 1.216.769.xxxxx (> 350 bar and ≤ 500 bar)



High pressure gun with swivel.
 code : 1.211.5xx

TECHNICAL SPECIFICATIONS :

- Automatic speed control (with 30 s shut-down delay to idle speed)
- Industrial watercooled 2,3 or 4-cylinder diesel engine
- Motor control system with several indicator lights
- Radial high pressure pump with 3 ceramic plungers and stainless steel valves
- Extra function for overheated water (100°C at the nozzle)
- Boiler with independent motor fitted and fuel valve with electronic ignition
- 12 V operating voltage
- Pressure gauge
- Hour counter
- Temperature adjustment and thermostat
- Fuel meter (not on built-in configuration)
- Datamanagement (DiBO Diagnostic software)
- Pressure relief up to 10 bar with sealed gun
- Stepless pressure and flow adjustment by DiBO controller
- Stainless steel water tank (400 l or 620 l - not on built-in and skid-configuration)
- Stainless steel fuel tank 104 l (not on built-in configuration)
- Trailer version: galvanized single- or double-axle trailer fitted with swivel wheel and brake

OPTIONAL ACCESSORIES :



1.232.021
 Basic remote control with hose reel and 50 m electric cable



1.232.020
 Wireless remote control



1.232.035
 extra 3th hose reel (without hose)

JMB-H



1.232.030	Stainless steel fuel tank (104 l) for built-in configuration
1.232.020	Remote control
1.232.021	Wireless remote control
1.232.035	Extra 3th hose reel (without hose)

JMB-H WWC

HOT WATER HIGH PRESSURE CLEANER ON TRAILER WITH WASTE WATER CONTROL SYSTEM

A universal hot water high pressure cleaner on trailer built on a double-axle trailer, similar to the JMB-H but with a built-in autonomous vacuum system, driven by an industrial diesel engine. For professional clean with simultaneous recuperation of the residual water. Available as trailer version, but on demand it is also possible to build this unit in a truck.



110 kW

- GreenBoiler for a greater efficiency >92%
- 18% fuel saving
- Low CO2 emission
- Low maintenance cost



Easy to operate with DIGITAL DISPLAY and DiBO HPC on 12 VDC :

- Start/contact-/ stop; emergency stop
- Boiler switch ON/OFF
- Vacuum system ON/OFF
- Stepless temperature, pressure and flow regulation
- Fuel meter
- Motor control system with several indicator lights
- Display: working pressure, under-pressure vacuum pump, water temperature, speed, diesel engine (%), level of the clean and waste water tank



Vacuum and high pressure system are driven by an industrial diesel engine



Manhole for the manual cleaning of the waste water tank

STANDARD ACCESSORIES :



Integrated high and low pressure hose reels with 50 m 3/8" high pressure hose and 50 m 3/4" low pressure hose included



Single stainless steel lance with high pressure nozzle and rotating quick coupling.
 code : 1.216.729.xxxxx (≤ 250 bar)
 code : 1.216.749.xxxxx (> 250 and ≤ 350 bar)



High pressure gun with swivel.
 code : 1.211.5xx



Reinforced vacuum hose (15m) with connector for the use of auxiliary tools.

TECHNICAL SPECIFICATIONS :

- Automatic speed control (with 30 s shut-down delay to idle speed)
- Industrial watercooled 3- or 4-cylinder diesel engine for the drive of the high pressure pump and the vacuum system, easy to turn ON and OFF by electromagnetic coupling
- Industrial vacuum pump according to three lobes principle
- Motor control system with several warning and indication lights
- Radial high pressure pump with 3 ceramic plungers and stainless steel valves
- Boiler with independent motor fitted and fuel valve with electronic ignition
- Extra function for overheated water (100°C at the nozzle)
- 12 V operating voltage
- Pressure gauge
- Hour counter
- Operation via DiBO HPC controller system (see p.46)
- Pressure relief up to 10 bar with sealed gun
- Stepless pressure and flow adjustment by DiBO controller
- Built-in stainless steel clean and waste water tank. 2x 400 l or 2x 500 l
- Stainless steel fuel tank (104 l) which can be filled from the outside
- Trailer version: galvanized double-axle trailer fitted with swivel wheel and brake

MODELS :

JMB-H WWC										
	TYPE									
		bar	l/h	°C	kW	kW	l	l	mm	kg
1.132.375	200/18 TG2	30 - 200	180 - 1080	30 - 120	18,9 (diesel)	110	400	400	3825x1765x2240	1580
1.132.380	200/18 TG27	30 - 200	180 - 1080	30 - 120	18,9 (diesel)	110	500	500	3825x1850x2400	1680
1.132.675	350/18 TG2	30 - 350	180 - 1080	30 - 120	26,0 (diesel)	110	400	400	3825x1765x2240	1600
1.132.680	350/18 TG27	30 - 350	180 - 1080	30 - 120	26,0 (diesel)	110	500	500	3825x1765x2400	1700

TG2 = Braked double-axle trailer, TG27 = the same as TG2 but for 2x 500 l tanks

JMB-H WWC



OPTIONAL ACCESSORIES :



1.232.020
Basic remote control with
hose reel and 50 m electric
cable



1.232.021
Wireless remote control



1.232.076
Filtration unit till 25
micron fitted on the axle
of the trailer

JMB-H WWC	
1.232.020	Remote control for pressure and temperature regulation + emergency stop
1.232.021	Wireless remote control
1.235.050	Anti-scaling system by dosing pump on flow
1.232.076	Filtration unit till 25 micron fitted on the axle of the trailer

JMB-R

DRAIN CLEANER ON TRAILER

The DiBO JMB-R is a drain cleaner in trailer version, ideally suited for cleaning drains, piping, waste pipes, etc. Due to its on-board power source and self-contained operation, the JMB-R drain cleaner is easy to use even in places where there is no electricity. The unit is mounted on a galvanised trailer. With a built-in high-pressure and low-pressure hose-reel, the radius of use of this mobile cleaner is even greater.

ONBOARD WATER TANK
400 l with coarse particle filter

Lightweight trailer



2 INTEGRATED HOSE REELS
for high and low pressure hoses



JMB-R

STANDARD ACCESSORIES :



Integrated high pressure hose reels with 50 m 3/8" high pressure hose and 50 m 3/4" low pressure hose integrated



Matching drain nozzle code : 1.645.xxx

TECHNICAL SPECIFICATIONS :

- Petrol engine, with manual or electric starting (Model E)
- Radial high pressure pump with 3 ceramic plungers and stainless steel valves
- Pressure gauge
- Stepless pressure and flow regulation via by pass valve
- 12 V operating voltage (only Model E)
- Trailer version is built on a galvanized trailer fitted with support and swivel wheel

JMB-R										
	TYPE									
		bar	l/h	°C	kW	kW	l	l	mm	kg
1.138.022	90/60 EB	30 - 90	360 - 3600	60	15,0 (petrol)	-	-	400	3000x1550x1550	525
1.138.030	100/40 B	30 - 100	360 - 2400	60	9,5 (petrol)	-	6,5	400	3000x1550x1550	450
1.138.032	100/40 EB	30 - 100	360 - 2400	60	9,5 (petrol)	-	6,5	400	3000x1550x1550	450
1.138.997	150/50 EB	30 - 150	360 - 3000	60	15,0 (petrol)	-	6,5	400	3000x1550x1550	500
1.138.350	200/18 B	30 - 200	360 - 1080	60	9,5 (petrol)	-	6,5	400	3000x1550x1550	450
1.138.352	200/18 EB	30 - 200	360 - 1080	60	9,5 (petrol)	-	6,5	400	3000x1550x1550	450

OPTIONAL ACCESSORIES :

JMB-R		
1.238.000	Supplement for braked trailer (has to be ordered together with the trailer)	

Accessories

RECOMMENDED OPTIONAL ACCESSORIES :

Following special accessories are often requested help tools for our high pressure cleaners.



For the cleaning of large indoor as well as outdoor surfaces.

Professional stainless steel floor cleaner Ø 520 mm + pistol (not for 500 bar) + coupling.

Available in 3 different versions for the following operating pressures :

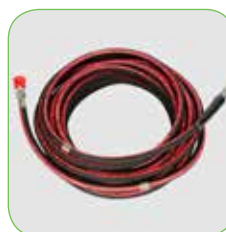
- ≤ 250 bar
- ≤ 350 bar
- ≤ 500 bar

with or without extraction.
code : 3.902.1xx



Professional stainless steel wall cleaner Ø 200 mm + coupling suitable for ≤ 250 bar operating pressure

Available with (code: 3.902.127)
and without extraction
(code: 3.902.128)



High pressure extension hoses from 10 m till 25 m and for working pressures from up to ≤ 250 bar, ≤ 350 bar and ≤ 500 bar
code: 1.208.520.xxx
code: 1.208.540.xxx
code: 1.208.560.xxx



Sewer hoses with nozzle and rotating quick coupling from 10 m up to 25 m for an operating pressure ≤ 200 bar
code: 1.238.520.xxx



High pressure grit blasting lance with flat jet nozzle and suction hose suitable for an operating pressure from ≤ 250 bar.

code: 1.258.220.xxxxx



High pressure grit blasting lance with power jet hp nozzle and suction hose suitable for an operating pressure from ≤ 350 bar and ≤ 500 bar.

code: 1.258.225.xxxx



High pressure grit blasting lance with flat jet nozzle and suction hose suitable for an operating pressure from ≤ 350 bar and ≤ 500 bar.

code: 1.258.229.xxxx

ACCESSOIRES

● = standard
○ = optional

Note: specify when ordering always pressure and flow

ECN-S 130/10
ECN-S 180/13
ECN-S 210/15
ECN-M 110/13
ECN-M 160/16
ECN-M 160/22
ECN-M 160/30
ECN-M 220/16
ECN-M 220/22
ECN-M 260/16
ECN-T 140/41
ECN-T 160/22
ECN-T 160/30
ECN-T 220/22
ECN-T 220/30
ECN-T 260/22
ECN-T 320/18
ECN-T 400/16

SPRAY LANCES

[illegible]

FOAM SETS

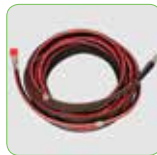
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ECN-T 500/15	ECN-L 500/30	PTL-S 100/11 B	PTL-M 200/18 B	PTL-M 200/18 EB	PTL-M 250/13 B	PTL-M 250/13 EB	PTL-M 250/15 ED	PTL-L 350/16 EB	PTL-L 500/15 EB	IBH-M 110/13	IBH-M 160/16	IBH-M 160/22	IBH-M 220/16	IBH-M 320/18	IBH-M 350/16	IBH-M+ 110/13	IBH-M+ 160/16	IBH-M+ 160/22	IBH-M+ 220/16	IBH-M+ 260/16	IBH-M+ 320/18	IBH-M+ 350/16	IBH-L+ 160/30	IBH-L+ 220/22	IBH-L+ 220/30	IBH-L+ 260/22	SBH 150/15 D	SBH 200/15 D	SBH 150/15 G	SBH 200/15 G	JMB-E 200/15 B	JMB-E 200/15 EB	JMB-E 200/15 ED			
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ACCESSOIRES

● = standard
○ = optional

Note: specify when ordering always pressure and flow

			● = standard ○ = optional																						
Note: specify when ordering always pressure and flow							ECN-S 130/10	ECN-S 180/13	ECN-S 210/15	ECN-M 110/13	ECN-M 160/16	ECN-M 160/22	ECN-M 160/30	ECN-M 220/16	ECN-M 220/22	ECN-M 260/16	ECN-T 140/41	ECN-T 160/22	ECN-T 160/30	ECN-T 220/22	ECN-T 220/30	ECN-T 260/22	ECN-T 320/18	ECN-T 400/16	
HIGH PRESSURE GUNS																									
	Hgih pressure gun: + quick coupling	≤ 350 bar			○	○	○	○	○	○	○	○	○	○	○		○	○	○	○	○	○			
	hgih pressure gun: + quick coupling	≤ 140 bar	41 l														○								
	hgih pressure gun: + quick coupling	≤ 400 bar																						○	
	hgih pressure gun: + quick coupling	≤ 500 bar																							
	hgih pressure gun: + quick coupling	≤ 160 bar	30 l																						
	hgih pressure gun: + quick coupling	≤ 350 bar																							
HIGH PRESSURE HOSES																									
	High pressure extension hose: 5/16" + quick couplings	≤ 250 bar	10 m	○	○	○																			
			15 m	○	○	○																			
			20 m	○	○	○																			
			25 m	○	○	○																			
	High pressure extension hoses : + quick coupling	≤ 250 bar	10 m				○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○			
			15m				○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
			20 m				○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
			25m				○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
	High pressure extension hoses : + quick coupling	≤ 350 bar	10 m																				○		
			15m																				○		
			20 m																					○	
			25m																					○	
	High pressure extension hoses : + quick coupling	≤ 500 bar	10 m																					○	
			15m																					○	
			20 m																						○
			25m																						○
	Drain hose: + drain nozzle (specify size) + quick coupling	≤ 200 bar	10 m				○	○	○	○							○	○	○						
			15m				○	○	○	○								○	○	○					
			20 m				○	○	○	○								○	○	○					
			25m				○	○	○	○								○	○	○					

ECN-T 500/15	ECN-L 500/30	PTL-S 100/11 B	PTL-M 200/18 B	PTL-M 200/18 EB	PTL-M 250/13 B	PTL-M 250/13 EB	PTL-M 250/15 ED	PTL-L 350/16 EB	PTL-L 500/15 EB	IBH-M 110/13	IBH-M 160/16	IBH-M 160/22	IBH-M 220/16	IBH-M 320/18	IBH-M 350/16	IBH-M+ 110/13	IBH-M+ 160/16	IBH-M+ 160/22	IBH-M+ 220/16	IBH-M+ 260/16	IBH-M+ 320/18	IBH-M+ 350/16	IBH-L+ 160/30	IBH-L+ 220/22	IBH-L+ 220/30	IBH-L+ 260/22	SBH 150/15 D	SBH 200/15 D	SBH 150/15 G	SBH 200/15 G	JMB-E 200/15 B	JMB-E 200/15 EB	JMB-E 200/15 ED			
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		o	o	o						o	o	o				o	o	o					o									o	o	o	1.238.520.xxx25	

ACCESSOIRES

● = standard
○ = optional

Note: specify when ordering always pressure and flow

[illegible]

ECN-T 500/15	ECN-L 500/30	PTL-S 100/11 B	PTL-M 200/18 B	PTL-M 200/18 EB	PTL-M 250/13 B	PTL-M 250/13 EB	PTL-M 250/15 ED	PTL-L 350/16 EB	PTL-L 500/15 EB	IBH-M 110/13	IBH-M 160/16	IBH-M 160/22	IBH-M 220/16	IBH-M 320/18	IBH-M 350/16	IBH-M+ 110/13	IBH-M+ 160/16	IBH-M+ 160/22	IBH-M+ 220/16	IBH-M+ 260/16	IBH-M+ 320/18	IBH-M+ 350/16	IBH-L+ 160/30	IBH-L+ 220/22	IBH-L+ 220/30	IBH-L+ 260/22	SBH 150/15 D	SBH 200/15 D	SBH 150/15 G	SBH 200/15 G	JMB-E 200/15 B	JMB-E 200/15 EB	JMB-E 200/15 ED				
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														o	o							o	o														1.216.048

NOZZLE CHART

High pressure nozzle chart up to 600 bar for nozzles with 1/4" external thread and spray image of 0°, 15°, 25°, 40° and 65°

NOZZLE	50	80	100	120	140	150	160	180	200	220	BAR
.02	3,2	4	4,5	4,9	5,3	5,5	5,7	6	6,3	6,6	L/MIN
.025	4	5	5,6	6,1	6,6	6,8	7,1	7,5	7,9	8,3	
.03	4,7	6	6,7	7,3	7,9	8,2	8,5	9	9,5	9,9	
.035	5,6	7	7,9	8,7	9,2	9,7	10	10,5	11,2	11,6	
.04	6,3	8	8,9	9,8	10,6	11	11,3	12	12,6	13,3	
.045	7,1	9	10,1	11	11,9	12,3	12,7	13,5	14,2	14,9	
.05	7,9	10	11,2	12,2	13,2	13,7	14,1	15	15,8	16,6	
.055	8,7	11	12,3	13,5	14,6	15,1	15,6	16,5	17,4	18,2	
.06	9,5	12	13,4	14,7	15,9	16,4	17	18	19	19,9	
.065	10,3	13	14,5	15,9	17,2	17,8	18,4	19,5	20,6	21,6	
.07	11,1	14	15,7	17,1	18,5	19,2	19,8	21	22,1	23,2	
.075	11,9	15	16,8	18,4	19,8	20,5	21,2	22,5	23,7	24,9	
.08	12,6	16	17,9	19,6	21,2	21,9	22,6	24	25,3	26,5	
.09	14,2	18	20,1	22	23,8	24,6	25,5	27	28,5	29,8	
.10	15,8	20	22,4	24,5	26,5	27,4	28,3	30	31,6	33,2	
.125	20,6	26	29,1	31,8	34,4	35,6	36,8	39	41,1	43,1	
.15	23,7	30	33,5	36,7	39,7	41,1	42,4	45	47,4	49,7	
.18	28,5	36	40,2	44,1	47,6	49,3	50,9	54	56,9	59,7	
.20	31,6	40	44,7	49	52,9	54,8	56,6	60	63,2	66,3	
.25	39,5	50	55,9	61,2	66,1	68,5	70,7	75	79,1	82,9	
.30	47,4	60	67,1	73,5	79,4	82,2	84,9	90	94,9	99,5	
.35	55,3	70	78,3	85,7	92,6	95,9	99	105	111	116	
.40	63,2	80	89,4	98	106	110	113	120	126	133	
.50	79,1	100	112	122	132	137	141	150	158	166	

+ 220 BAR

NOZZLE CHART

High pressure nozzle chart up to 600 bar for nozzles with 1/4" external thread and spray image of 0°, 15°, 25°, 40° and 65°

→ NOZZLE	240	260	280	300	350	400	450	500	600	BAR
.02	6,9	7,2	7,5	7,7	8,4	8,9	9,5	10	11	L/MIN
.025	8,7	9	9,4	9,7	10,5	11,2	11,9	12,5	13,7	
.03	10,4	10,8	11,2	11,6	12,5	13	14,2	15	16,4	
.035	12,1	12,6	13,1	13,5	14,6	15,6	16,5	17,4	19,4	
.04	13,9	14,4	15	15,5	16,7	17,9	19	20	21,9	
.045	15,6	16,2	16,8	17,4	18,8	20,1	21,3	22,5	24,6	
.05	17,3	18	19,7	19,4	20,9	22,4	23,7	25	27,4	
.055	19,1	19,8	20,6	21,3	23	24,6	26,1	27,5	30,1	
.06	20,8	21,6	22,4	23,2	25,1	26,8	28,5	30,2	32,9	
.065	22,5	23,4	24,3	25,2	27,2	29,1	30,8	32,5	35,6	
.07	24,2	25,2	26,2	27,1	29,3	31,3	33,2	35	38,3	
.075	26	27	28,1	29	31,4	33,5	35,6	37,5	41,1	
.08	27,7	28,8	29,9	31	33,5	35,8	37,9	40	43,8	
.09	31,2	32,4	33,7	34,9	37,6	40,2	42,7	45	49,3	
.10	34,6	36,1	37,4	38,7	41,8	44,7	47,4	50	54,8	
.125	45	46,9	48,6	50,3	54,4	58,1	61,7	65	71,2	
.15	52	54,1	56,1	58,1	62,7	67,1	71,2	75	82,2	
.18	62,4	64,9	67,3	69,7	75,3	80,5	85,4	90	98,6	
.20	69,3	72,1	74,8	77,5	83,7	89,4	94,9	100	110	
.25	86,6	90,1	93,5	96,6	105	112	119	125	137	
.30	104	108	112	116	125	134	142	150	164	
.35	121	126	131	136	146	157	166	175	192	
.40	139	144	150	155	167	179	190	200	219	
.50	173	180	187	194	209	224	237	250	274	

CPU-S

STATIONARY COLD WATER HIGH PRESSURE CLEANER

The DiBO middle pressure unit is an economical stationary hot water cleaner with almost unlimited user's possibilities. This simple-section compact unit is an industrial cleaning installation for professional and intensive use.

This unit is extremely suitable for water cleaning under middle pressure for production units and equipment in different kind of industries, also in the food industry. The engine/pump part is also protected by means of a stainless steel (SS) protection cover against splashing water and pollution. Due to the 'sanitary' surface mounting it is possible to install this equipment in the production unit itself, instead of in a technical space.

This unit can be mounted both against the wall and on the floor using mounting supports. This simple-section unit can be delivered in various models and the standard version is equipped for water temperature up to 40°C. There is also a model for a water temperature up to 85°C.



STAINLESS STEEL COVER
to protect the complete motor/pump section



Radial high pressure
pump with 3 ceramic
plungers and stainless
steel valves



Flexible engine/
pump coupling



TECHNICAL SPECIFICATIONS :

- Automatic start/stop-system with 30 s shut-down delay
- Stainless steel protection cover for the enging/pump section
- Radial high pressure pump with 3 ceramic plungers and stainless steel valves
- Flexible engine/pump coupling
- Direct-in
- Pressure gauge
- Coarse particle filter

MODELS :

CPU-S										
	TYPE									
		<i>bar</i>	<i>l/h</i>	<i>°C</i>	<i>kW</i>	<i>m</i>	<i>l</i>	<i>l</i>	<i>mm</i>	<i>kg</i>
1.152.025	100/21	30 - 100	1260	40	4,0 (3 x 400V)	-	-	-	1020x635x445	97
1.152.030	100/30	30 - 100	1800	40	5,5 (3 x 400V)	-	-	-	1020x635x445	125
1.152.100	150/15	30 - 150	900	40	4,0 (3 x 400V)	-	-	-	1020x635x445	84
1.152.150	150/21	30 - 150	1260	40	5,5 (3 x 400V)	-	-	-	1020x635x445	102
1.152.300	200/15	30 - 200	900	40	5,5 (3 x 400V)	-	-	-	1020x635x445	100

OPTIONAL ACCESSORIES :

CPU-S		
		
1.252.010	Mounting supports (2) for floor and wall mounting	
1.252.000	Supplement for start/stop-system via flow switch	

CPU-M

STATIONARY COLD WATER HIGH PRESSURE CLEANER

The DiBO industrial high pressure unit is an economical stationary hot water cleaner with almost unlimited user's possibilities. This simple-section compact unit is an industrial cleaning installation for professional and intensive use.

This unit is extremely suitable for water cleaning under middle pressure for production units and equipment in different kind of industries, also in the food industry.. The engine/pump part is also protected by means of a stainless steel (SS) protection cover against splashing water and pollution. Due to the 'sanitary' surface mounting it is possible to install this equipment in the production unit itself, instead of in a technical space.

This simple-section unit can be delivered in various models and the standard version is equipped for water temperature up to 40°C. There is also a model for a water temperature up to 85°C.

This range simple section high pressure units is available in different engine/pump combinations.

These units can be used for middle and high pressure.



TECHNICAL SPECIFICATIONS :

- Automatic start/stop system with 30 s shut-down-delay
- Simple-section pump unit with different choices for engine/pump combinations
- Suitable for the supply of cold and hot water, some up to 85° C (by HT pump) (the HT pump always need to be provided with a pre-pressure pump)
- Stainless steel frame
- 130 l stainless steel float tank
- Mechanical valve
- Pressure gauge
- Level monitoring
- Dry-run protection
- Temperature security system up to 40° C or optional up to 85° C (when using HT pumps)
- Protection against breaks in the pipes and overpressure

MODELS :

CPU-M									
	TYPE								
		bar	l/h	°C	kW	m	rpm	l	mm
1.146.xxx	5,5 kW	100 / 135	1200 / 1620	40	5,5 (3 x 400V)	-	1000	130	1200x550x1320
1.146.xxx	5,5 kW	130 / 70	1260 / 2460	40	5,5 (3 x 400V)	-	1500	130	1200x550x1320
1.146.492	7,5 kW	55	4080	40	7,5 (3 x 400V)	-	1000	130	1200x550x1320
1.146.xxx	7,5 kW	170 / 55	1260 / 4200	40	7,5 (3 x 400V)	-	1500	130	1200x550x1320
1.146.496	11 kW	80	4080	40	11,0 (3 x 400V)	-	1000	130	1200x550x1320
1.146.xxx	11 kW	210 / 80	1500 / 4200	40	11,0 (3 x 400V)	-	1500	130	1200x550x1320
1.146.xxx	15 kW	275 / 80	1500 / 6000	40	15,0 (3 x 400V)	-	1500	130	1200x550x1320

OPTIONAL ACCESSORIES :

CPU-M		
1.246.010	Frequency regulator- 11 kW	
1.246.015	Frequency regulator - 15 kW	
1.246.070	Water filter 1.1/4- 25 micron	

CPU-L

STATIONARY COLD WATER HIGH PRESSURE CLEANER

The DiBO industrial high pressure unit is an economical stationary hot water cleaner with almost unlimited user's possibilities. This simple-section compact unit is an industrial cleaning installation for professional and intensive use.

This unit is extremely suitable for water cleaning under middle pressure for production units and equipment in different kind of industries, also in the food industry. The engine/pump part is also protected by means of a stainless steel (SS) protection cover against splashing water and pollution. Due to the 'sanitary' surface mounting it is possible to install this equipment in the production unit itself, instead of in a technical space.

This simple-section unit can be delivered in various models and the standard version is equipped for water temperature up to 40°C. There is also a model for a water temperature up to 85°C.

This range simple section high pressure units is available in different engine/pump combinations.

These units can be used for middle and high pressure.



TECHNICAL SPECIFICATIONS :

- Simple-section pump unit with different choices for engine/pump combinations
- Suitable for the supply of cold and hot water, some up to 85° C 85° C (by HT or SN pump) (the HT pump always need to be provided with a pre-pressure pump)
- Stainless steel frame
- 380 l stainless steel float tank
- Automatic start/stop-system
- Mechanical valve
- Pressure gauge
- Level monitoring
- Dry-run protection
- Temperature security system up to 40° C or optional up to 85° C (by use of HT or SN pump)
- Protection against breaks in the pipes and overpressure

MODELS :

CPU-L									
	TYPE								
		bar	l/h	°C	kW	m	rpm	l	mm
1.146.xxx	18,5 kW	205 / 50	2280 / 9180	40	18,5 (3 x 400V)	-	1000	380	1500x700x1800
1.146.xxx	18,5 kW	260 / 10	1800 / 4200	40	18,5 (3 x 400V)	-	1500	380	1500x700x1800
1.146.xxx	22,0 kW	250 / 60	2280 / 9180	40	22,0 (3 x 400V)	-	1000	380	1500x700x1800
1.146.xxx	30,0 kW	340 / 85	2280 / 9180	40	30,0 (3 x 400V)	-	1500	380	1500x700x1800

OPTIONAL ACCESSORIES :

CPU-L		
1.246.050	Frequency regulator- 18,5 kW	
1.246.055	Frequency regulator - 22 kW	
1.246.060	Frequency regulator - 30 kW	
1.246.070	Water filter 1.1/4- 25 micron	

MPU-M

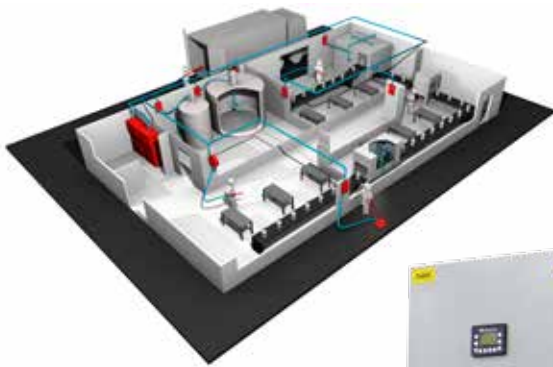
STATIONARY COLD WATER HIGH PRESSURE CLEANER

This professional high pressure installation is a multiple-section unit and is equipped with two high pressure pumps with the same capacity. Irrespective of the number of spraying persons or branching points, using the installation at the same time, it will be possible to clean always under the same pressure and with an equal flow rate. If necessary, the pumps can be hereto switched on or off automatically.

Analogue pressure and flow rate measurement makes the switching control possible.

Apart from the thermal engine protection and the dry-run and temperature security system on the float chamber, this installation is also protected against breaks in the line and overpressure. The float chamber becomes filled by means of an electromagnetic valve. The unit is PLC-driven, combined with sensors and can be delivered custom-made with various engine/motor pump combinations.

These units have many applications in very different industries. Pharmaceutical sector, tank cleaning, shipping industry, metal industry, food industry ... for all kind of industrial cleaning tasks with high pressure.



ELECTRICAL BOX
PLC-driven



Completely in
STAINLESS STEEL (optinal)



Standard

TECHNICAL SPECIFICATIONS :

- Automatic start/stop system with 30 s shut-down-delay
- Multiple-section pump unit with different choices for engine/pump combinations
- Suitable for the supply of cold and hot water, some up to 85° C (by HT pump) (the HT pumps always need to be provided with a pre-pressure pump)
- Stainless steel frame
- 380 l stainless steel float tank
- Electrical box
- PLC-driven, combined with sensors
- Pressure gauge
- Thermal engine protection
- Protected against breaks in the pipes and overpressure
- Dry-run and temperature security system on the float chamber

MODELS :

MPU-M									
	TYPE								
		bar	l/h	°C	kW	m	rpm	l	mm
1.149.xxx	5,5 kW	115 / 60	1260 / 2460	40	5,5 (3 x 400V)	-	1000	300	1970x1040x1170
1.149.xxx	7,5 kW	153 / 46	1260 / 4200	40	7,5 (3 x 400V)	-	1500	300	1970x1040x1170
1.149.xxx	11,0 kW	188 / 67	1500 / 4200	40	11,0 (3 x 400V)	-	1500	300	1970x1040x1170
1.149.xxx	15,0 kW	250 / 95	1500 / 4200	40	15,0 (3 x 400V)	-	1500	300	1970x1040x1170
1.149.xxx	5,5 kW	118 / 49	1200 / 2880	40	5,5 (3 x 400V)	-	1000	300	1970x1040x1170
1.149.xxx	7,5 kW	100 / 50	1920 / 2880	40	7,5 (3 x 400V)	-	1000	300	1970x1040x1170
1.149.xxx	11,0 kW	100	2880	40	11,0 (3 x 400V)	-	1000	300	1970x1040x1170

Sprayer 24 / Foamer 60

ATOMIZING AND FOAM UNIT

With the DiBO atomizing and foam unit, detergents (shampoo, degreaser, disinfectant, etc.) can be atomized into a very fine spray or foam on the surface to be treated. This makes considerable savings on detergents, yet their effectiveness is excellent. The unit can be set up so that the detergents are mixed with compressed air, creating foam.

The sticky nature of the foam ensures that the detergent can work its way through the dirt for a longer time, which improves the quality of the cleaning.

The unit is made entirely of stainless steel, and the stainless steel components used are also extremely resistant to corrosion and the action of the detergents used (only FOAMER 60). The necessary valves and connectors are fitted to a stainless steel manifold. This unit is also fitted with an inspection cover for rapid and simple filling.

The foamer 60 is supplied as standard without atomizing or foam lance.



TECHNICAL SPECIFICATIONS :

- Made of stainless steel
- Manhole for quick filling
- Control valve for air and detergent flow. (not on SPRAYER 24)
- Overpressure protection
- Pressure gauge

FOAM UNIT				
	TYPE			
		<i>l</i>	<i>mm</i>	<i>kg</i>
3.107.010	SPRAYER 24	24	950x310x320	13
1.141.005	FOAMER 60	60	1000x583x510	29

OPTIONAL ACCESSORIES :



Fitted atomizing lance with nozzle and hose
1.241.xxx



Fitted foam lance with nozzle and hose
1.241.xxx

FOAM UNIT		
		
1.241.110	Fitted atomizing lance with nozzle and 10 m hose	
1.241.130	Fitted atomizing lance with nozzle and 15 m hose	
1.241.150	Fitted atomizing lance with nozzle and 20 m hose	
1.241.100	Fitted foam lance with nozzle and 10 m hose	
1.241.120	Fitted foam lance with nozzle and 15 m hose	
1.241.140	Fitted foam lance with nozzle and 20 m hose	

Note: the optional accessories are only available for the FOAMER 60



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