



PRODUCT DATA SHEET

HIGH PRESSURE CLEANER | VACUUM CLEANER | ACCESSORIES

High Pressure Cleaner

Cold water, mobile Series 2x2



KD523 Standard

KD523 Premium



Cold water, mobile Series 3x3



KD623 Standard
KD823 Standard
KD940 Standard

KD623 Premium
KD823 Premium
KD940 Premium



Cold water, mobile Series 4x4



KD1140 Standard
KD1340 Standard

KD1140 Premium
KD1340 Premium
KD1840 Premium
KD1540 Premium
KD2040 Premium



Cold water, mobile, gasoline powered Series KDB



KDB1240 Standard
KDB1540 Standard

KDB1240 Premium
KDB1540 Premium



Cold water, mobile, gasoline powered Series KDD



KDD1240 Standard

KDD1240 Premium



Accessories Hose reel



Hose reel without
HP-hose



Hose reel with
HP-hose



Cold water, mobile Series 3x3-Food



KD940-F Standard

KD940-F Premium



Cold water, mobile Series 4x4-Food



KD1140-F Standard

KD1140-F Premium



Accessories High Pressure Hoses



High Pressure Hoses
10-40m with bend protection
on one or both sides

High Pressure Hoses
Food Version 10-40m with
bend protection on one or
both sides



High Pressure Cleaner

Hot water, mobile, oil heated Series Etronic I



HD523 Standard

Hot water, mobile, oil heated Series Etronic I



HD623 Standard
HD640 Standard

HD623 Premium
HD640 Premium

Hot water, mobile, oil heated Series Etronic II



HD823 Standard
HD940 Standard
HD1140 Standard
HD1240 Standard

HD823 Premium
HD940 Premium
HD1140 Premium
HD1240 Premium

Hot water, mobile, electric heated Series HDE



HDE840 Standard

HDE840 Premium

Hot water, mobile, oil heated Series HDD



HDD1240 Standard

HDD1240 Premium

Hot water, mobile, oil heated Series HDB



HDB1240 Standard
HDB1540 Standard

HDB1240 Premium
HDB1540 Premium

Hot water, mobile, electric heated Series HDE-Food



HDE840-F Standard

HDE840-F Premium

Accessories Shop wall



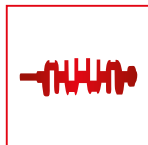
Shop wall A

Accessories Shop wall



Shop wall B
Shop wall C
Shop wall D
Shop wall E
Shop wall F
Shop wall G

EHRLE Attributes



Triplex-Piston-Pump

Ceramic pump plunger, Stainless Steel pump valves and brass pump-head for long durability

**1400
U/min**

All EHRLE High-Pressure Cleaners are equipped with slow-running, air-cooled and 4-pole electric Motors.



TSS-System with pump off delay During breaks longer than 90 seconds, the unit switches automatically to stand-by position. After opening the trigger-gun again, the unit is immediately ready for operation. The durability of the High-Pressure Pump is also higher.

**TOTAL
STOP**

Total Switch off after 20min In case the Unit is not used in the stand-by mode for more than 20min it will switch off itself. The Unit can be re-started at the On/Off Switch for normal operation.



High-Pressure Chemical with DosingValve

Any cleaning-detergents can be applied during high-pressure stage by opening the Dosing-Valve. The High-Pressure Pump will absorb detergents together with water and pressurize it.



Leakage Recognition

In the event of leaking parts in the HighPressure Cleaner, or any Gun or Hose leaking, the Unit shuts itself down.



Information on recommended daily time of use.



Optical Flame-Monitor

on all High-Pressure Cleaners of Series ETRONIC II and static Units in order to comply with legal requirements.



Water-Break Tank for Separation. No additional check unit Valve necessary Machines conforms to Water-Board Regulations. 30% increased Cleaning-Power due to no Chemical-Injector. Water-Break Tank help to protects pump from water starvation.



The **quick-coupling system** by using the EHRLE QC315 quick-coupling system Accessories, Guns, Lances and Nozzles can be changed without the use of Tools. The EHRLE QC315 Guns incorporate an anti-twist Swivel for Hoses.



Patent Wheel-Brake

(requirement by Law) with large rubberwheels - no small castors.



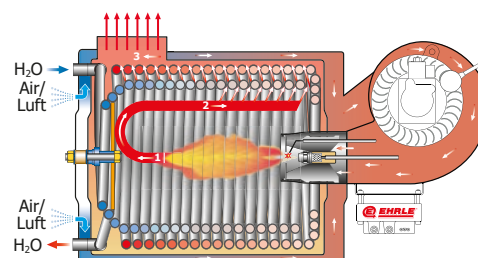
**(Option)
Water-Break Tank**



(Optional) This professional Hose-Reel with stainless steel shaft is equipped with a folding handle doubling as a reel-brake. Up to 40m of High-Pressure Hose on the hose-reel ensure a wide action radius and easy storage.

EHRLE horizontal-heatcoil

with 3-pass System. Highest Efficiency – with environmentally friendly low Emissions! No additional insulation required - cold air is used to cool the Boiler. Separate Burner-Motor for professional use, ensures increased reliability



High Pressure Cleaner

Cold water, stationary Series KS/KS-INOX



KS823 Standard
KS1140 Standard

KS823 INOX
KS1140 INOX



Cold water, stationary Series KSM



KSM1840 Standard
KSM2740 Standard

Cold water, stationary Series KSM-INOX



KSM1840 INOX
KSM2740 INOX

Cold water, stationary Series KSM



KSM3640 Standard
KSM4540 Standard
KSM5440 Standard

Cold water, stationary Series KSM-INOX



KSM3640 INOX
KSM4540 INOX
KSM5440 INOX

Hot water, stationary, oil heated Series HSC



HSC823 Standard
HSC1140 Standard
HSC1240 Standard

Hot water, stationary, oil heated Series HSC-INOX



HSC823 INOX
HSC1140 INOX
HSC1240 INOX

Hot water, stationary, electric heated Series HSC-INOX



HSC840 INOX 24kW
HSC1140 INOX 30kW

Hot water, stationary, gas heated Series HSC-INOX



HSC1140 INOX Gas

High Pressure Cleaner

KD523



Type		KD523-Standard	KD523-Premium
Voltage	1/N/PE/AC/50Hz/230V	10m HP-Hose DN06 - 250bar - Trigger-Gun with swivel - Spray-Lance 700mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° - Detergent-Supply c/w Low-Pressure Injector and Metering-valve	- Hose-Reel 15m HP-Hose DN06 - 250bar - Trigger-Gun with swivel - Spray-Lance 700mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle - Detergent-Supply c/w Low-Pressure Injector and Metering-valve
Operating pressure	30-140bar/3-14MPa		
Max. pressure	160bar/16MPa		
Discharge capacity	300-600l/h		
Nozzle size	043		
Max. Inlet temperature	45°C		
Pump speed	2800rpm		
Connected load	2,9kW/12,5A		
Electrical protection	16A slow		
Weight net/with package		37kg/41kg	44kg/48kg
Dimensions device/with package (LxWxH)		60x40x86cm/66x42x96cm	60x40x86cm/66x42x96cm

Self-supporting, robust, rotation-moulded device-chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, start-stop system with switch-off delay, total-switch-off after 20min, unloader safety-valve c/w infinitely variable pressure and quantity regulation, 2 large rubber wheels for rough terrain with rubber stand, storage possibility for all accessories, robust rotary on-off switch, 5,0m connection cable.

Art.No.	559001	559002
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High Pressure Cleaner

KD623


Type		KD623-Standard	KD623-Premium
Voltage	1/N/PE/AC/50Hz/230V	10m HP-Hose DN06 - 250bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° 17l Cleaning-Detergent tank - Detergent-Supply c/w Low-Pressure Injector and Metering-valve	- Hose-Reel 15m HP-Hose DN06 - 250bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle 15l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-160bar/3-16MPa		
Max. pressure	180bar/18MPa		
Discharge capacity	300-600l/h		
Nozzle size	035		
Max. Inlet temperature	45°C		
Pump speed	1400rpm		
Connected load	2,9kW/14,2A		
Electrical protection	16A slow		
Weight net/with package		42kg/66kg	48kg/72kg
Dimensions device/with package (LxWxH)		80,5x48,5x95cm/109x63x104cm	80,5x48,5x95cm/109x63x104cm

Self-supporting, robust, rotation-moulded device-chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, start-stop system with switch-off delay, total-switch-off after 20min, unloader safety-valve c/w infinitely variable pressure and quantity regulation, 2 large rubber wheels for rough terrain with rubber stand, storage possibility for all accessories, robust rotary on-off switch, 5,0m connection cable, removable ergonomic drawbar.

Art.No.	558001	558002
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High Pressure Cleaner

KD823



Type		KD823-Standard	KD823-Premium
Voltage	1/N/PE/AC/50Hz/230V	10m HP-Hose DN06 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° 17l Cleaning-Detergent tank - Detergent-Supply c/w Low-Pressure Injector and Metering-valve	- Hose-Reel 15m HP-Hose DN06 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle 15l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-140bar/3-14MPa		
Max. pressure	160bar/160MPa		
Discharge capacity	300-720l/h		
Nozzle size	045		
Max. Inlet temperature	45°C		
Pump speed	1400rpm		
Connected load	3,2kW/14,7A		
Electrical protection	16A slow		
Weight net/with package		49kg/72kg	55kg/78kg
Dimensions device/with package (LxWxH)		80,5x48,5x95cm/109x63x104cm	80,5x48,5x95cm/109x63x104cm

Self-supporting, robust, rotation-moulded device-chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, start-stop system with switch-off delay, total-switch-off after 20min, unloader safety-valve c/w infinitely variable pressure and quantity regulation, 2 large rubber wheels for rough terrain with rubber stand, storage possibility for all accessories, robust rotary on-off switch, 5,0m connection cable, removable ergonomic drawbar.

Art.No.	562001	562002
Retail price plus VAT	1.699,00€	2.019,00€

High Pressure Cleaner

KD940



Type		KD940-Standard	KD940-Premium
Voltage	3/PE/AC/50Hz/400V	10m HP-Hose DN06 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° 17l Cleaning-Detergent tank - Detergent-Supply c/w Low-Pressure Injector and Metering-valve	- Hose-Reel 15m HP-Hose DN06 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle 15l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-190bar/3-19MPa		
Max. pressure	210bar/21MPa		
Discharge capacity	300-840l/h		
Nozzle size	045		
Max. Inlet temperature	45°C		
Pump speed	1400rpm		
Connected load	5,2kW/9,1A		
Electrical protection	3x16A slow		
Weight net/with package		54kg/73kg	58kg/78kg
Dimensions device/with package (LxWxH)		80,5x48,5x95cm/109x63x104cm	80,5x48,5x95cm/109x63x104cm

Self-supporting, robust, rotation-moulded device-chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, start-stop system with switch-off delay, total-switch-off after 20min, unloader safety-valve c/w infinitely variable pressure and quantity regulation, 2 large rubber wheels for rough terrain with rubber stand, storage possibility for all accessories, robust rotary on-off switch, 5,0m connection cable, removable ergonomic drawbar.

Art.No.	561001	561002
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High Pressure Cleaner

KD1040



Type		KD1040-Standard	KD1040-Premium
Voltage	3/PE/AC/50Hz/400V	10m HP-Hose DN06 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° 17l Cleaning-Detergent tank - Detergent-Supply c/w Low-Pressure Injector and Metering-valve	- Hose-Reel 20m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle 15l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-250bar/3-25MPa		
Max. pressure	270bar/27MPa		
Discharge capacity	300-1000l/h		
Nozzle size	045		
Max. Inlet temperature	45°C		
Pump speed	1400rpm		
Connected load	7,4kW/13,1A		
Electrical protection	3x16A slow		
Weight net/with package		89kg/113kg	97kg/121kg
Dimensions device/with package (LxWxH)		80,5x48,5x95cm/109x63x104cm	80,5x48,5x95cm/109x63x104cm

Self-supporting, robust, rotation-moulded device-chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, nickel-plated, high-performance ceramic piston, stainless-steel valves, leakage-return, start-stop system with switch-off delay, total-switch-off after 20min, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, 2 large rubber wheels for rough terrain, storage possibility for all accessories, robust rotary on-off switch, 7,5m connection cable, ergonomic drawbar.

Art.No.	564000	564001
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High Pressure Cleaner

KD1240



Type		KD1240-Standard	KD1240-Premium
Voltage	3/PE/AC/50Hz/400V	10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° 17l Cleaning-Detergent tank - Detergent-Supply c/w Low-Pressure Injector and Metering-valve	- Hose-Reel 20m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle 15l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-170bar/3-17MPa		
Max. pressure	190bar/19MPa		
Discharge capacity	300-1300l/h		
Nozzle size	070		
Max. Inlet temperature	45°C		
Pump speed	1400rpm		
Connected load	7,4kW/13,1A		
Electrical protection	3x16A slow		
Weight net/with package		89kg/113kg	97kg/121kg
Dimensions device/with package (LxWxH)		80,5x48,5x95cm/109x63x104cm	80,5x48,5x95cm/109x63x104cm

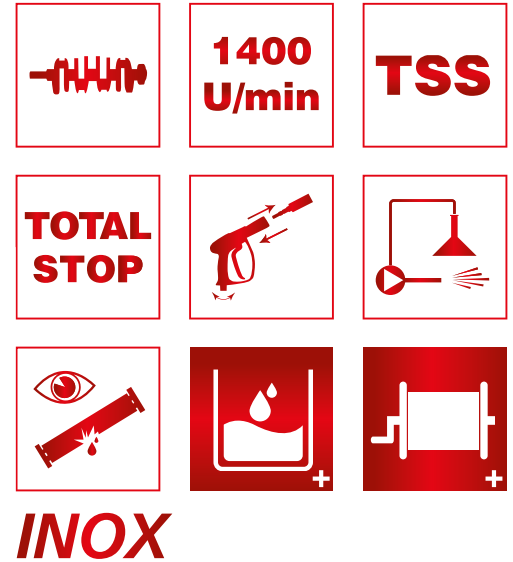
Self-supporting, robust, rotation-moulded device-chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, nickel-plated, high-performance ceramic piston, stainless-steel valves, leakage-return, start-stop system with switch-off delay, total-switch-off after 20min, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, 2 large rubber wheels for rough terrain, storage possibility for all accessories, robust rotary on-off switch, 7,5m connection cable, ergonomic drawbar.

Art.No.	565000	565001
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High Pressure Cleaner

KD940-F

Food progressing
with stainless steel pump, hot water resistant



Type		KD940-F-Standard	KD940-F-Premium
Voltage	3/PE/AC/50Hz/400V	10m HP-Hose DN08 - 315bar blue - Trigger-Gun with swivel - Double Spray-Lance 900mm c/w Nozzle-Protection - Spray-Lance 900mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° 17l Cleaning-Detergent tank - Detergent-Supply c/w Low-Pressure Injector and Metering-valve	- Hose-Reel 15m HP-Hose DN08 - 315bar blue - Trigger-Gun with swivel - Double Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - High and low pressure jet nozzle 25° - Soft Foam Kit with 2l foam detergent tank 15l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-130bar/3-13MPa		
Max. pressure	150bar/15MPa		
Discharge capacity	300-840l/h		
Nozzle size	060		
Max. Inlet temperature	80°C		
Pump speed	1400rpm		
Connected load	4,5kW/7A		
Electrical protection	3x16A slow		
Weight net/with package		54kg/73kg	58kg/78kg
Dimensions device/with package (LxWxH)		80,5x48,5x95cm/109x63x104cm	80,5x48,5x95cm/109x63x104cm

Food progressing with abrasion resistant high pressure hose blue, self-supporting, robust, corrosion free, rotation-moulded device-chassis for food industry, stainless steel, impact-resistant device-cover made of ABS, triplex-piston pump with chrome, nickel plated pump head (hot water resistant), high-performance ceramic piston, stainless-steel valves, leakage-return, start-stop system with switch-off delay, total-switch-off after 20min, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, 2 large rubber wheels for rough terrain with rubber stand, storage possibility for all accessories, robust rotary on-off switch, 7,5m connection cable, removable ergonomic drawbar stainless steel.

Art.No.	561003	561004
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High Pressure Cleaner

KD1140


Type	KD1140-Standard		KD1140-Premium
Voltage	3/PE/AC/50Hz/400V	10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° 35l Cleaning-Detergent tank - Detergent-Supply c/w Low-Pressure Injector and Metering-valve	- Hose-Reel 20m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle 25l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-250bar/3-25MPa		
Max. pressure	270bar/27MPa		
Discharge capacity	300-1000l/h		
Nozzle size	045		
Max. Inlet temperature	45°C		
Pump speed	1400rpm		
Connected load	7,4kW/13,1A		
Electrical protection	3x16A slow		
Weight net/with package		89kg/113kg	97kg/121kg
Dimensions device/with package (LxWxH)		98x62x100cm/109x63x112cm	98x62x100cm/109x63x112cm

Self-supporting, robust, rotation-moulded device-chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, nickel-plated, high-performance ceramic piston, stainless-steel valves, leakage-return, start-stop system with switch-off delay, total-switch-off after 20min, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, 2 large rubber wheels for rough terrain, storage possibility for all accessories, robust rotary on-off switch, 7,5m connection cable, removable ergonomic drawbar.

Art.No.	551005	551006
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High Pressure Cleaner

KD1340


Type		KD1340-Standard	KD1340-Premium
Voltage	3/PE/AC/50Hz/400V	10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° 35l Cleaning-Detergent tank - Detergent-Supply c/w Low-Pressure Injector and Metering-valve	- Hose-Reel 20m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle 25l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-170bar/3-17MPa		
Max. pressure	190bar/19MPa		
Discharge capacity	300-1300l/h		
Nozzle size	070		
Max. Inlet temperature	45°C		
Pump speed	1400rpm		
Connected load	7,4kW/13,1A		
Electrical protection	3x16A slow		
Weight net/with package		89kg/113kg	97kg/121kg
Dimensions device/with package (LxWxH)		98x62x100cm/109x63x112cm	98x62x100cm/109x63x112cm

Self-supporting, robust, rotation-moulded device-chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, nickel-plated, high-performance ceramic piston, stainless-steel valves, leakage-return, start-stop system with switch-off delay, total-switch-off after 20min, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, 2 large rubber wheels for rough terrain, storage possibility for all accessories, robust rotary on-off switch, 7,5m connection cable, removable ergonomic drawbar.

Art.No.	552003	552004
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High Pressure Cleaner

KD1840



Type

KD1840-Premium

Voltage	3/PE/AC/50Hz/400V	• Hose-Reel • 20m HP-Hose DN08 - 315bar • Trigger-Gun with swivel • Spray-Lance 900mm c/w Vario-Nozzle • Stainless-Steel Jet-Nozzle 25° • Spray-Lance 900mm c/w Rotary-Nozzle • 25l Water-Storage tank • Water-Supply separation acc. DIN EN 1717 class 4 • Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-120bar/3-12MPa	
Max. pressure	140bar/14MPa	
Discharge capacity	300-1800l/h	
Nozzle size	150	
Max. Inlet temperature	45°C	
Pump speed	1400rpm	
Connected load	7,4kW/13,3A	
Electrical protection	3x16A slow	
Weight net/with package	105kg/129kg	
Dimensions device/with package (LxWxH)	98x62x100cm/109x63x112cm	

Self-supporting, robust, rotation-moulded device-chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, nickel-plated, high-performance ceramic piston, stainless-steel valves, leakage-return, start-stop system with switch-off delay, total-switch-off after 20min, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, 2 large rubber wheels for rough terrain, storage possibility for all accessories, robust rotary on-off switch, 7,5m connection cable, removable ergonomic drawbar.

Art.No.	563004
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High Pressure Cleaner

KD1540



Type

KD1540-Premium

Voltage	3/PE/AC/50Hz/400V	• Hose-Reel • 20m HP-Hose DN08 - 315bar • Trigger-Gun with swivel • Spray-Lance 900mm c/w Vario-Nozzle • Stainless-Steel Jet-Nozzle 25° • Spray-Lance 900mm c/w Rotary-Nozzle • 25l Water-Storage tank • Water-Supply separation acc. DIN EN 1717 class 4 • Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-280bar/3-28MPa	
Max. pressure	300bar/30MPa	
Discharge capacity	300-1500/h	
Nozzle size	070	
Max. Inlet temperature	45°C	
Pump speed	1400rpm	
Connected load	13,8kW/24A	
Electrical protection	3x32A slow	
Weight net/with package	105kg/129kg	
Dimensions device/with package (LxWxH)	98x62x100cm/109x63x112cm	

Self-supporting, robust, rotation-moulded device-chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, nickel-plated, high-performance ceramic piston, stainless-steel valves, leakage-return, start-stop system with switch-off delay, total-switch-off after 20min, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, 2 large rubber wheels for rough terrain, storage possibility for all accessories, robust rotary on-off switch, 7,5m connection cable, removable ergonomic drawbar.

Art.No.	553004
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High Pressure Cleaner

KD2040



Type

KD2040-Premium

Voltage	3/PE/AC/50Hz/400V	• Hose-Reel • 20m HP-Hose DN10 - 315bar • Trigger-Gun with swivel • Spray-Lance 900mm c/w Vario-Nozzle • Stainless-Steel Jet-Nozzle 25° • Spray-Lance 900mm c/w Rotary-Nozzle • 25l Water-Storage tank • Water-Supply separation acc. DIN EN 1717 class 4 • Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-220bar/3-22MPa	
Max. pressure	240bar/24MPa	
Discharge capacity	300-1800/h	
Nozzle size	100	
Max. Inlet temperature	45°C	
Pump speed	1400rpm	
Connected load	13,8kW/24A	
Electrical protection	3x32A slow	
Weight net/with package	131kg/155kg	
Dimensions device/with package (LxWxH)	98x62x100cm/109x63x112cm	

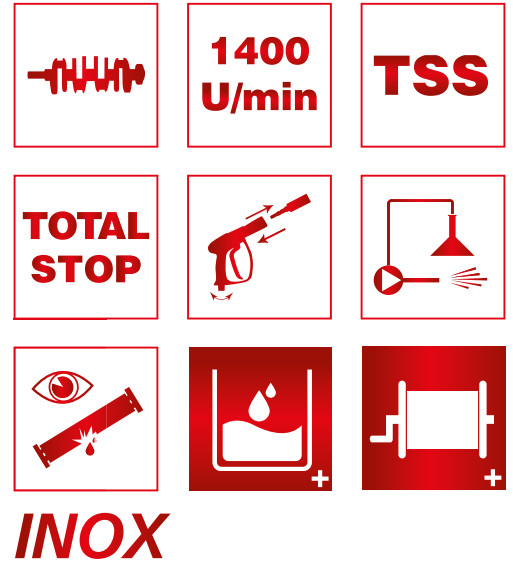
Self-supporting, robust, rotation-moulded device-chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, nickel-plated, high-performance ceramic piston, stainless-steel valves, leakage-return, start-stop system with switch-off delay, total-switch-off after 20min, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, 2 large rubber wheels for rough terrain, storage possibility for all accessories, robust rotary on-off switch, 7,5m connection cable, removable ergonomic drawbar.

Art.No.	554004
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High Pressure Cleaner

KD1140-F

Food progressing
with stainless steel pump, hot water resistant



Type		KD1140-F-Standard	KD1140-F-Premium
Voltage	3/PE/AC/50Hz/400V	10m HP-Hose DN08 - 315bar blue - Trigger-Gun with swivel - Double Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° 25l Cleaning-Detergent tank - Detergent-Supply c/w Low-Pressure Injector and Metering-valve	- Hose-Reel 15m HP-Hose DN08 - 315bar blue - Trigger-Gun with swivel - Double Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle 17l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-180bar/3-18MPa		
Max. pressure	200bar/20MPa		
Discharge capacity	300-1000l/h		
Nozzle size	055		
Max. Inlet temperature	80°C		
Pump speed	1400rpm		
Connected load	6,9kW/10,3A		
Electrical protection	3x16A slow		
Weight net/with package		89kg/113kg	97kg/121kg
Dimensions device/with package (LxWxH)		98x62x100cm/109x63x112cm	98x62x100cm/109x63x112cm

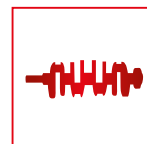
Food progressing with abrasion resistant high pressure hose blue, self-supporting, robust, corrossions free, rotation-moulded device-chassis for food industry, stainless steel, impact-resistant device-cover made of ABS, triplex-piston pump with chrome, nickel plated pump head (hot water resistant), high-performance ceramic piston, stainless-steel valves, leakage-return, start-stop system with switch-off delay, total-switch-off after 20min, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, 4 large rubber wheels for rough terrain, with a patented wheel brake 2-way, storage possibility for all accessories, robust rotary on-off switch, 7,5m connection cable, removable ergonomic drawbar stainless steel.

Art.No.	551003	551004
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COLD WATER | MOBILE | GASOLINE POWERED | SERIES KDB

High Pressure Cleaner

KDB1240



**1400
U/min**



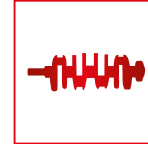
Type		KDB1240-Standard	KDB1240-Premium
Engine	Gasoline	10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° - Detergent-Supply c/w Low-Pressure Injector and Metering-valve	- Hose-Reel 20m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle - Detergent-Supply c/w Low-Pressure Injector and Metering-valve
Operating pressure	30-180bar/3-18MPa		
Max. pressure	200bar/20MPa		
Discharge capacity	300-1000l/h		
Nozzle size	050		
Max. Inlet temperature	45°C		
Pump speed	1400rpm		
Connected load	13h.p. Honda		
Electric-Starter	Option		
Weight net/with package		94kg/107kg	102kg/115kg
Dimensions device/with package (LxWxH)		100x74x77cm/120x80x90cm	100x74x97cm/120x80x125cm

Robust, corrosion-resistant, self-supporting device chassis, with tilt-proof equipment buggy, made of robust steel pipe galvanized and powder-coated, triplex-piston pump with brass pump head, high-performance ceramic piston, stainless-steel valves, leakage-return, gearbox for reducing the high-pressure pump speed, 2-fold safety system, unloader safety-valve c/w Infinitely variable pressure and quantity regulation and safety-valve, automatic load-idle speed control, 4 large rubber-pneumatic tires for rough terrain, with a patented wheel brake, external detergent supply.

Art.No.	168001	168002
Art.No. device with electric-starter	169001	169002

High Pressure Cleaner

KDB1540



**1400
U/min**



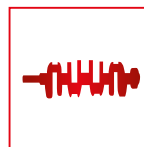
Type		KDB1540-Standard	KDB1540-Premium
Engine	Gasoline	10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° - Detergent-Supply c/w Low-Pressure Injector and Metering-valve	- Hose-Reel 20m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle - Detergent-Supply c/w Low-Pressure Injector and Metering-valve
Operating pressure	30-280bar/3-28MPa		
Max. pressure	300bar/30MPa		
Discharge capacity	300-1000l/h		
Nozzle size	035		
Max. Inlet temperature	45°C		
Pump speed	1400rpm		
Connected load	18h.p. B&S 2-Cylinder	96kg/103kg	111kg/124kg
Electric-Starter	Option		
Weight net/with package			
Dimensions device/with package (LxWxH)		100x74x77cm/120x80x90cm	100x74x97cm/120x80x125cm

Robust, corrosion-resistant, self-supporting device chassis, with tilt-proof equipment buggy, made of robust steel pipe galvanized and powder-coated, triplex-piston pump with brass pump head, high-performance ceramic piston, stainless-steel valves, leakage-return, gearbox for reducing the high-pressure pump speed, 2-fold safety system, unloader safety-valve c/w Infinitely variable pressure and quantity regulation and safety-valve, automatic load-idle speed control, 4 large rubber-pneumatic tires for rough terrain, with a patented wheel brake, external detergent supply.

Art.No.	170001	170002
Art.No. device with electric-starter	171001	171002

High Pressure Cleaner

KDD1240



**1400
U/min**

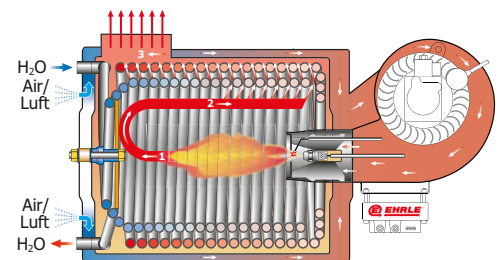
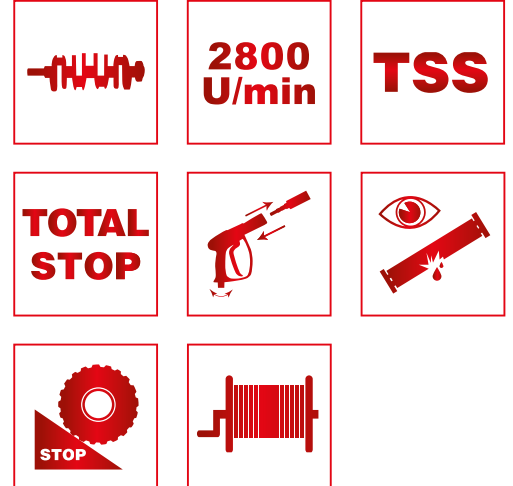


Type		KDD1240-Standard	KDD1240-Premium
Engine	Diesel	10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° - Detergent-Supply c/w Low-Pressure Injector and Metering-valve - With electric starter	- Hose-Reel 20m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Vario-Nozzle - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle - Detergent-Supply c/w Low-Pressure Injector and Metering-valve - With electric starter
Operating pressure	30-180bar/3-18MPa		
Max. pressure	200bar/20MPa		
Discharge capacity	300-1000l/h		
Nozzle size	050		
Max. Inlet temperature	45°C		
Pump speed	1400rpm		
Connected load	10h.p. Diesel Yanmar		
Electric-Starter	Starter-Generator		
Weight net/with package		116kg/129kg	124kg/137kg
Dimensions device/with package (LxWxH)		100x74x77cm/120x80x90cm	100x74x97cm/120x80x125cm

Robust, corrosion-resistant, self-supporting device chassis, with tilt-proof equipment buggy, made of robust steel pipe galvanized and powder-coated, triplex-piston pump with brass pump head, high-performance ceramic piston, stainless-steel valves, leakage-return, gearbox for reducing the high-pressure pump speed, 2-fold safety system, unloader safety-valve c/w Infinitely variable pressure and quantity regulation and safety-valve, automatic load-idle speed control, 4 large rubber-pneumatic tires for rough terrain, with a patented wheel brake, external detergent supply.

Art.No.	174001	174002
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High Pressure Cleaner

HD523


Type

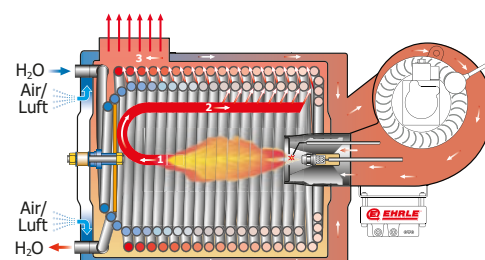
HD523-Standard

Voltage	1/N/PE/AC/50Hz/230V	• Etronic I - Controls • 15m HP-Hose DN08 - 315bar • Trigger-Gun with swivel • Spray-Lance 900mm c/w Vario-Nozzle • Stainless-Steel Jet-Nozzle 25° • Chemical supply with ND-Injector (optional) • Spray-Lance 900mm with Control-Nozzle (optional)
Operating pressure	30-120bar/3-12MPa	
Max. pressure	140bar/14MPa	
Discharge capacity	300-600l/h	
Nozzle size	045	
Hot water capacity	30-98°C	
Pump speed	2800rpm	
Connected load	2,4kW/12,0A	
Electrical protection	16A slow	
Weight net/with package	118kg/139kg	
Dimensions device/with package (LxWxH)	107x73,5x102cm/119x88x96cm	

Robust, corrosion-resistant, self-supporting device chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, high performance stainless steel piston, stainless-steel valves, leakage-return, Etronic I - controls: (Start-stop system with switch-off delay, total-switch-off after 20min) 2 motors system (independent of the direction of rotation) separately for H.P.-Pump and heating, unloader safety-valve c/w infinitely variable pressure and quantity regulation, 2 large rubber wheels for rough terrain, with a patented wheel brake and swivel-caster, storage possibility for all accessories, integrated diesel-tank 22l, robust rotary on-off switch, 8m connection cable, removable ergonomic drawbar, Hose-reel for H.P. Hose and cord-reel for electric cord.

Art.No.	413001
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High Pressure Cleaner

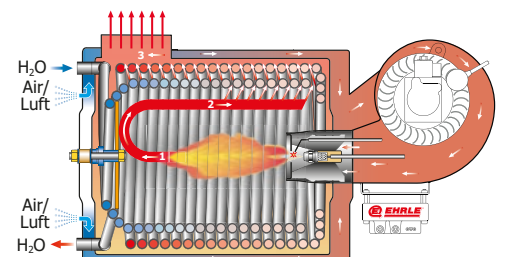
HD623


Type		HD623-Standard	HD623-Premium
Voltage	1/N/PE/AC/50Hz/230V	- Etronic I - Controls 10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve	- Etronic I - Controls - Hose-Reel 20m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-160bar/3-16MPa		
Max. pressure	180bar/18MPa		
Discharge capacity	300-600l/h		
Nozzle size	035		
Hot water capacity	30-98°C		
Pump speed	1400rpm		
Connected load	3,1kW/13,9A		
Electrical protection	16A slow		
Weight net/with package		149kg/170kg	158kg/179kg
Dimensions device/with package (LxWxH)		107x73,5x102cm/119x88x127cm	107x73,5x102cm/119x88x127cm

Robust, corrosion-resistant, self-supporting device chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, Etronic I - controls: „Start-stop system with switch-off delay, total-switch-off after 20min“ 2 motors system (independent of the direction of rotation) separately for H.P.-Pump and heating, unloader safety-valve c/w infinitely variable pressure and quantity regulation, 4 large rubber wheels for rough terrain, with a patented wheel brake 2-way, storage possibility for all accessories, integrated diesel-tank 25l, integrated detergent-tank 20l, robust rotary on-off switch, 7,5m connection cable, removable ergonomic drawbar.

Art.No.	497001	497002
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High Pressure Cleaner

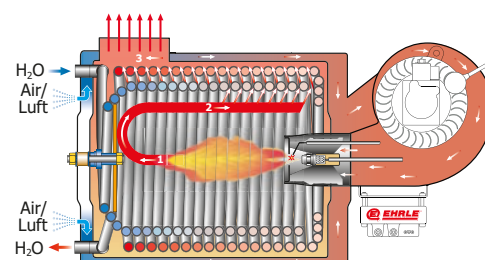
HD640


Type		HD640-Standard	HD640-Premium
Voltage	3/PE/AC/50Hz/400V	- Etronic I - Controls 10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. water reg. - Chemical supply in high-pressure Jet c/w Metering-valve	- Etronic I - Controls - Hose-Reel 20m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-200bar/3-20MPa		
Max. pressure	220bar/22MPa		
Discharge capacity	300-600l/h		
Nozzle size	030		
Hot water capacity	30-98°C		
Pump speed	1400rpm		
Connected load	4,6kW/8,0A		
Electrical protection	3x16A slow		
Weight net/with package		157kg/185kg	167kg/195kg
Dimensions device/with package (LxWxH)		107x73,5x102cm/119x88x127cm	107x73,5x102cm/119x88x127cm

Robust, corrosion-resistant, self-supporting device chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, Etronic I - controls: „Start-stop system with switch-off delay, total-switch-off after 20min“ 2 motors system (independent of the direction of rotation) separately for H.P.-Pump and heating, unloader safety-valve c/w infinitely variable pressure and quantity regulation, 4 large rubber wheels for rough terrain, with a patented wheel brake 2-way, storage possibility for all accessories, integrated diesel-tank 25l, integrated detergent-tank 20l, robust rotary on-off switch, 7,5m connection cable, removable ergonomic drawbar.

Art.No.	412001	412002
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High Pressure Cleaner

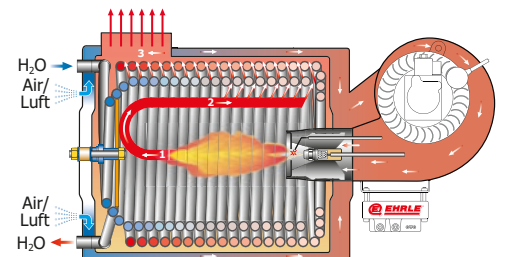
HD823


Type		HD823-Standard	HD823-Premium
Voltage	1/N/PE/AC/50Hz/230V	- Etronic II - Controls 10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w - Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. water reg. - Chemical supply in high-pressure Jet c/w Metering-valve	- Etronic II - Controls - Hose-Reel 20m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w - Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-140bar/3-14MPa		
Max. pressure	160bar/16MPa		
Discharge capacity	300-720l/h		
Nozzle size	045		
Hot water capacity	30-98°C (150°C)		
Pump speed	1400rpm		
Connected load	3,4kW/15A		
Electrical protection	16A slow		
Weight net/with package		158kg/186kg	167kg/195kg
Dimensions device/with package (LxWxH)		107x73,5x102cm/119x88x127cm	107x73,5x102cm/119x88x127cm

Robust, corrosion-resistant, self-supporting device chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, Etronic II - controls: (Start-stop system with switch-off delay, total-switch-off after 20min OPH-counter with service information, low-water cut-off, low-fuel cut-off, optical flame monitoring with photoelectric cell and fault indicator-light, steam-stage) 2 motors system (independent of the direction of rotation) separately for H.P.Pump and heating, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, 4 large rubber wheels for rough terrain, with a patented wheel brake 2-way, storage possibility for all accessories, integrated diesel-tank 25l, integrated detergent-tank 20l, robust rotary on-off switch, 7,5m connection cable, removable ergonomic drawbar.

Art.No.	496001	496002
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High Pressure Cleaner

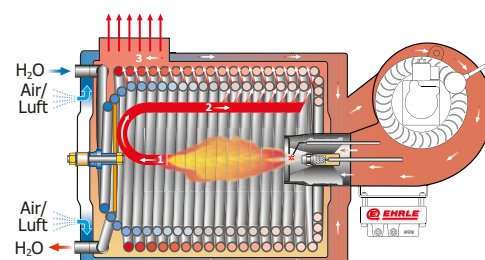
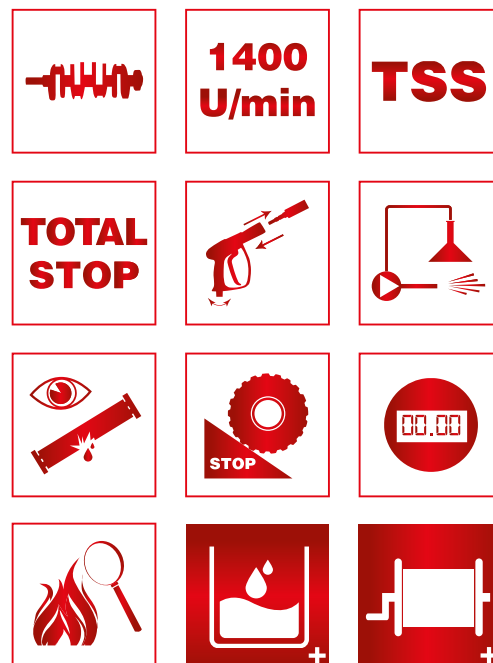
HD940


Type		HD940-Standard	HD940-Premium
Voltage	3/PE/AC/50Hz/400V	- Etronic II - Controls 10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. water reg. - Chemical supply in high-pressure Jet c/w Metering-valve	- Etronic II - Controls - Hose-Reel 20m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-190bar/3-19MPa		
Max. pressure	210bar/21MPa		
Discharge capacity	300-840l/h		
Nozzle size	045		
Hot water capacity	30-98°C (150°C)		
Pump speed	1400rpm		
Connected load	5,4kW/10,1A		
Electrical protection	3x16A slow		
Weight net/with package		159kg/186kg	168kg/198kg
Dimensions device/with package (LxWxH)		107x73,5x102cm/119x88x127cm	107x73,5x102cm/119x88x127cm

Robust, corrosion-resistant, self-supporting device chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, Etronic II - controls: (Start-stop system with switch-off delay, total-switch-off after 20min, OPH-counter with service information, low-water cut-off, low-fuel cut-off, optical flame monitoring with photoelectric cell and fault indicator-light, steam-stage) 2 motors system (independent of the direction of rotation) separately for H.P.Pump and heating, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, 4 large rubber wheels for rough terrain, with a patented wheel brake 2-way, storage possibility for all accessories, integrated diesel-tank 25l, integrated detergent-tank 20l, robust rotary on-off switch, 7,5m connection cable, removable ergonomic drawbar.

Art.No.	442001	442002
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High Pressure Cleaner

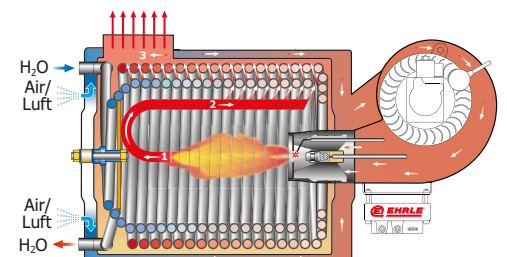
HD1140


Type		HD1140-Standard	HD1140-Premium
Voltage	3/PE/AC/50Hz/400V	- Etronic II - Controls 10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. water reg. - Chemical supply in high-pressure Jet c/w Metering-valve	- Etronic II - Controls - Hose-Reel 20m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-230bar/3-23MPa		
Max. pressure	250bar/25MPa		
Discharge capacity	300-1000l/h		
Nozzle size	045		
Hot water capacity	30-98°C (150°C)		
Pump speed	1400rpm		
Connected load	7,6kW/13,3A		
Electrical protection	3x16A slow		
Weight net/with package		178kg/199kg	187kg/208kg
Dimensions device/with package (LxWxH)		107x73,5x102cm/119x88x127cm	107x73,5x102cm/119x88x127cm

Robust, corrosion-resistant, self-supporting device chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, Etronic II - controls: (Start-stop system with switch-off delay, total-switch-off after 20min, OPH-counter with service information, low-water cut-off, low-fuel cut-off, optical flame monitoring with photoelectric cell and fault indicator-light, steam-stage) 2 motors system (independent of the direction of rotation) separately for H.P.Pump and heating, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, 4 large rubber wheels for rough terrain, with a patented wheel brake 2-way, storage possibility for all accessories, integrated diesel-tank 25l, integrated detergent-tank 20l, robust rotary on-off switch, 7,5m connection cable, removable ergonomic drawbar.

Art.No.	410001	410002
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High Pressure Cleaner

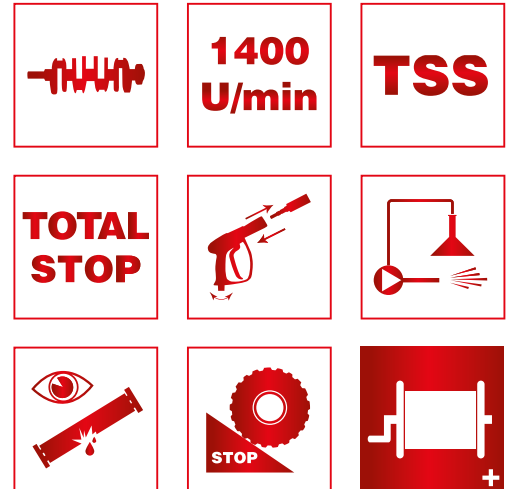
HD1240


Type		HD1240-Standard	HD1240-Premium
Voltage	3/PE/AC/50Hz/400V	- Etronic II - Controls 10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w - Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. water reg. - Chemical supply in high-pressure Jet c/w Metering-valve	- Etronic II - Controls - Hose-Reel 20m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w - Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-160bar/3-16MPa		
Max. pressure	180bar/18MPa		
Discharge capacity	300-1200l/h		
Nozzle size	070		
Hot water capacity	30-98°C (150°C)		
Pump speed	1400rpm		
Connected load	7,6kW/11,5A		
Electrical protection	3x16A slow		
Weight net/with package		177kg/206kg	186kg/218kg
Dimensions device/with package (LxWxH)		107x73,5x102cm/119x88x127cm	107x73,5x102cm/119x88x127cm

Robust, corrosion-resistant, self-supporting device chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, Etronic II - controls: (Start-stop system with switch-off delay, total-switch-off after 20min, OPH-counter with service information, low-water cut-off, low-fuel cut-off, optical flame monitoring with photoelectric cell and fault indicator-light, steam-stage) 2 motors system (independent of the direction of rotation) separately for H.P.Pump and heating, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, 4 large rubber wheels for rough terrain, with a patented wheel brake 2-way, storage possibility for all accessories, integrated diesel-tank 25l, integrated detergent-tank 20l, robust rotary on-off switch, 7,5m connection cable, removable ergonomic drawbar.

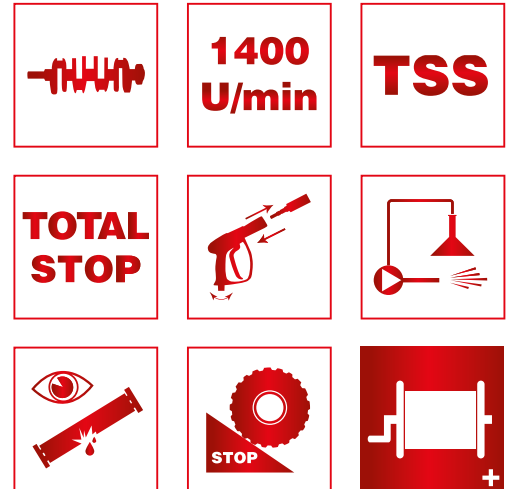
Art.No.	411001	411002
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High Pressure Cleaner

HDE840 12kW


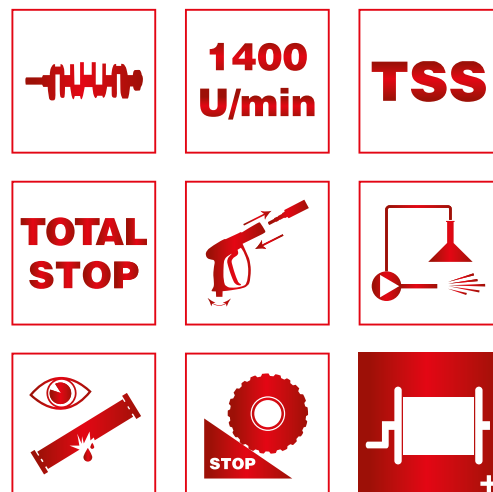
Type		HDE840 12kW-Standard	HDE840 12kW-Premium
Voltage	3/N/PE/AC/50Hz/400V	- Etronic I - Controls 10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. water reg. - Chemical supply in high-pressure Jet c/w Metering-valve	- Etronic I - Controls - Hose-Reel 20m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-140bar/3-14MPa		
Max. pressure	160bar/16MPa		
Discharge capacity	300-720l/h		
Nozzle size	045		
Heating capacity	12kW		
Hot water capacity	30-80°C		
Pump speed	1400rpm		
Connected load	16,8kW/26,2A		
Electrical protection	3x32A slow		
Weight net/with package		119kg/140kg	128kg/149kg
Dimensions device/with package (LxWxH)		107x73,5x102cm/119x88x127cm	107x73,5x102cm/119x88x127cm
Robust, corrosion-resistant, self-supporting device chassis, impact-resistant device-cover made of ABS, stainless-steel hotwater-boiler with 65l capacity with pre-heating and buffer storage for immediate hot-water use and hot-water preparation during stand-by operation, triplex-piston pump with chrome nickel pump head (hot-water resistant), high-performance ceramic piston, stainless-steel valves, leakage-return, Etronic I - controls: (start-stop system with switch-off delay, stand-by system for heating, low-water cut-off), unloader safety-valve c/w Infinitely variable pressure and quantity regulation, 4 large rubber wheels for rough terrain, with a patented wheel brake 2-way, storage possibility for all accessories, 2 integrated detergent-tank with 20l capacity, 2-stage rotary on-off switch with stand-by function, 7,5m connection cable, removable ergonomic drawbar.			
Art.No.		106001	106002

High Pressure Cleaner

HDE840 18kW


Type		HDE840 18kW-Standard	HDE840 18kW-Premium
Voltage	3/N/PE/AC/50Hz/400V	- Etronic I - Controls 10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. water reg. - Chemical supply in high-pressure Jet c/w Metering-valve	- Etronic I - Controls - Hose-Reel 20m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-140bar/3-14MPa		
Max. pressure	160bar/16MPa		
Discharge capacity	300-720l/h		
Nozzle size	045		
Heating capacity	18kW		
Hot water capacity	30-80°C		
Pump speed	1400rpm		
Connected load	22,8kW/32A		
Electrical protection	3x32A slow		
Weight net/with package		121kg/142kg	130kg/151kg
Dimensions device/with package (LxWxH)		107x73,5x102cm/119x88x127cm	107x73,5x102cm/119x88x127cm
Robust, corrosion-resistant, self-supporting device chassis, impact-resistant device-cover made of ABS, stainless-steel hotwater-boiler with 65l capacity with pre-heating and buffer storage for immediate hot-water use and hot-water preparation during stand-by operation, triplex-piston pump with chrome nickel pump head (hot-water resistant), high-performance ceramic piston, stainless-steel valves,leakage-return, Etronic I - controls: (start-stop system with switch-off delay, stand-by system for heating, low-water cut-off), unloader safety-valve c/w Infinitely variable pressure and quantity regulation, 4 large rubber wheels for rough terrain, with a patented wheel brake 2-way, storage possibility for all accessories, 2 integrated detergent-tank with 20l capacity, 2-stage rotary on-off switch with stand-by function, 7,5m connection cable, removable ergonomic drawbar.			
Art.No.		107001	107002

High Pressure Cleaner

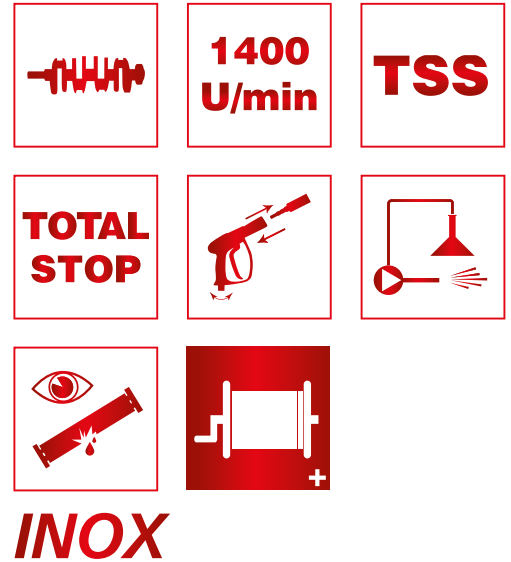
HDE840 24kW


Type		HDE840 24kW-Standard	HDE840 24kW-Premium
Voltage	3/N/PE/AC/50Hz/400V	- Etronic I - Controls 10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. water reg. - Chemical supply in high-pressure Jet c/w Metering-valve	- Etronic I - Controls - Hose-Reel 20m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-140bar/3-14MPa		
Max. pressure	160bar/16MPa		
Discharge capacity	300-720l/h		
Nozzle size	045		
Heating capacity	24kW		
Hot water capacity	30-80°C		
Pump speed	1400rpm		
Connected load	28,8kW/44A		
Electrical protection	3x50A slow		
Weight net/with package		124kg/145kg	133kg/154kg
Dimensions device/with package (LxWxH)		107x73,5x102cm/119x88x127cm	107x73,5x102cm/119x88x127cm
Robust, corrosion-resistant, self-supporting device chassis, impact-resistant device-cover made of ABS, stainless-steel hotwater-boiler with 65l capacity with pre-heating and buffer storage for immediate hot-water use and hot-water preparation during stand-by operation, triplex-piston pump with chrome nickel pump head (hot-water resistant), high-performance ceramic piston, stainless-steel valves,leakage-return, Etronic I - controls: (start-stop system with switch-off delay, stand-by system for heating, low-water cut-off), unloader safety-valve c/w Infinitely variable pressure and quantity regulation, 4 large rubber wheels for rough terrain, with a patented wheel brake 2-way, storage possibility for all accessories, 2 integrated detergent-tank with 20l capacity, 2-stage rotary on-off switch with stand-by function, 7,5m connection cable, removable ergonomic drawbar.			
Art.No.		108001	108002

High Pressure Cleaner

HDE840-F

Food progressing
Hot water resistant



Type		HDE840-F 24kW Standard	HDE840-F 24kW Premium
Voltage	3/PE/AC/50Hz/400V	- Etronic I - Controls 10m HP-Hose DN08 - 315bar blue - Trigger-Gun with swivel - Double Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. water reg. - Chemical supply in high-pressure Jet c/w Metering-valve	- Etronic I - Controls - Hose-Reel 20m HP-Hose DN08 - 315bar blue - Trigger-Gun with swivel - Double Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-140bar/3-14MPa		
Max. pressure	160bar/16MPa		
Discharge capacity	300-720l/h		
Nozzle size	045		
Heating capacity	24kW		
Hot water capacity	30-80°C		
Pump speed	1400rpm		
Connected load	28,8kW/44A		
Electrical protection	3x50A slow		
Weight net/with package		124kg/145kg	133kg/154kg
Dimensions device/with package (LxWxH)		107x73,5x102cm/119x88x127cm	107x73,5x102cm/119x88x127cm
Food progressing with abrasion resistant high pressure hose blue, self-supporting, robust, corrosions free, rotation-moulded device- chassis for food industry, stainless steel, impact-resistant device-cover made of ABS, stainless-steel hotwater-boiler with 65l capacity with pre-heating and buffer storage for immediate hot-water use and hot-water preparation during stand-by operation. Triplex-piston pump with chrome nickel pump head (hot-water resistant), high-performance ceramic piston, stainless-steel valves, leakage-return, Etronic I - controls: (start-stop system with switch-off delay, stand-by system for heating, low-water cut-off), unloader safety-valve c/w Infinitely variable pressure and quantity regulation, 4 large rubber wheels for rough terrain, with a patented wheel brake 2-way, storage possibility for all accessories, 2 integrated detergent-tank with 20l capacity, 2-stage rotary on-off switch with stand-by function, 7,5m connection cable, removable ergonomic drawbar stainless steel.			
Art.No.		108003	108004

High Pressure Cleaner

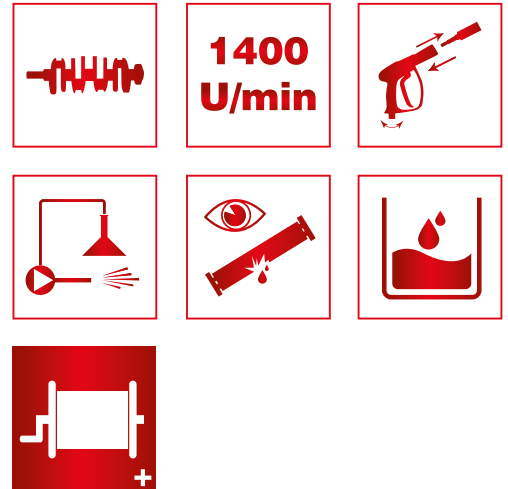
HDB1240


Type		HDB1240-Standard	HDB1240-Premium
Engine	Gasoline	10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. water reg. - Chemical supply in high-pressure Jet c/w Metering-valve	- Hose-Reel 20m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-180bar/3-18MPa		
Max. pressure	200bar/20MPa		
Discharge capacity	300-1000l/h		
Nozzle size	050		
Max. Inlet temperature	30-98°C		
Pump speed	1400rpm		
Connected load	13h.p. Gasoline Honda	216kg/229kg	224kg/237kg
Electric-Starter	Option		
Weight net/with package			
Dimensions device/with package (LxWxH)		120x80x80cm/121x81x96cm	120x80x80cm/121x81x135cm

Robust, corrosion-resistant, self-supporting device chassis, impact-resistant device-cover made of steel galvanized and powder-coated, triplex-piston pump with brass pump head, high-performance ceramic piston, stainless-steel valves, leakage-return, gearbox for reducing the high-pressure pump speed, separately driven burner motor for heating, 4-fold safety system, consisting of pressure-switch, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, safety-valve and thermostat, automatic load-idle speed control, 4 large rubber-pneumatic tires for rough terrain, storage possibility for all accessories, removable standard diesel-canister 20l, external 2-way detergent supply, removable ergonomic drawbar.

Art.No.	138001	138002
Art.No. device with electric-starter	139001	139002

High Pressure Cleaner

HDB1540


Type		HDB1540-Standard	HDB1540-Premium
Engine	Gasoline	10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. water reg. - Chemical supply in high-pressure Jet c/w Metering-valve	- Hose-Reel 20m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-280bar/3-28MPa		
Max. pressure	300bar/30MPa		
Discharge capacity	300-1000l/h		
Nozzle size	035		
Max. Inlet temperature	30-98°C		
Pump speed	1400rpm		
Connected load	18h.p. B&S		
Electric-Starter	Option		
Weight net/with package		206kg/234kg	215kg/243kg
Dimensions device/with package (LxWxH)		120x80x80cm/121x81x96cm	120x80x80cm/121x81x135cm

Robust, corrosion-resistant, self-supporting device chassis, impact-resistant device-cover made of steel galvanized and powder-coated, triplex-piston pump with brass pump head, high-performance ceramic piston, stainless-steel valves, leakage-return, gearbox for reducing the high-pressure pump speed, separately driven burner motor for heating, 4-fold safety system, consisting of pressure-switch, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, safety-valve and thermostat, automatic load-idle speed control, 4 large rubber-pneumatic tires for rough terrain, storage possibility for all accessories, removable standard diesel-canister 20l, external 2-way detergent supply, removable ergonomic drawbar.

Art.No.	164001	164002
Art.No. device with electric-starter	165001	165002

High Pressure Cleaner

HDD1240


Type		HDD1240-Standard	HDD1240-Premium
Engine	Diesel	10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. water reg. - Chemical supply in high-pressure Jet c/w Metering-valve - With electric-starter	- Hose-Reel 20m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve - With electric-starter
Operating pressure	30-180bar/3-18MPa		
Max. pressure	200bar/20MPa		
Discharge capacity	300-1000l/h		
Nozzle size	050		
Max. Inlet temperature	30-98°C		
Pump speed	1400rpm		
Connected load	10h.p. Diesel Yanmar		
Electric-Starter	Starter-Generartor		
Weight net/with package		238kg/251kg	246kg/259kg
Dimensions device/with package (LxWxH)		120x80x73,5cm/121x81x116cm	120x80x100,5cm/121x81x135cm

Robust, corrosion-resistant, self-supporting device chassis, impact-resistant device-cover made of steel galvanized and powder-coated, triplex-piston pump with brass pump head, high-performance ceramic piston, stainless-steel valves, leakage-return, gearbox for reducing the high-pressure pump speed, separately driven burner motor for heating, 4-fold safety system, consisting of pressure-switch, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, safety-valve and thermostat, automatic load-idle speed control, 4 large rubber-pneumatic tires for rough terrain, storage possibility for all accessories, removable standard diesel-canister 20l, external 2-way detergent supply, removable ergonomic drawbar.

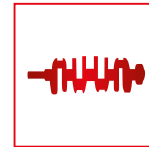
Art.No.	158001	158002
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COLD WATER | STATIONARY | SERIES KS

High Pressure Cleaner

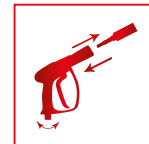
KS823

Hot water resistant



**1400
U/min**

TSS



INOX



Type		KS823	KS823-INOX
Voltage	1/N/PE/AC/50Hz/230V	10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° 4l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve	- Stainless Steel (Food-Safe) 10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° 4l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-120bar/3-12MPa		
Max. pressure	140bar/14MPa		
Discharge capacity	300-720l/h		
Nozzle size	050		
Max. Inlet temperature	80°C		
Pump speed	1400rpm		
Connected load	2,6kW/12,5A		
Electrical protection	16A slow		
Weight net/with package		110kg/125kg	110kg/125kg
Dimensions device/with package (LxWxH)		102x50x50cm/119x88x127cm	102x50x50cm/119x88x127cm

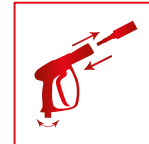
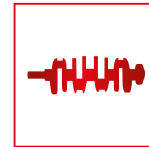
Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainless- steel), wall-bracket, opening of the device hood by supporting gas pressure springs, triplex-piston pump with brass pump head, hot-water resistant up to 80°C, high-performance ceramic piston, stainless-steel valves, leakage-return, start-stop system with switch-off delay, total-switch-off after 20min with leakage-recognition, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, robust rotary on-off switch, 7,5m connection cable.

Art.No.	157	157000
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High Pressure Cleaner

KS1140

Hot water resistant



INOX



Type		KS1140	KS1140-INOX
Voltage	3/N/PE/AC/50Hz/400V	10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° 4l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve	- Stainless Steel (Food-Safe) 10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° 4l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-170bar/3-17MPa		
Max. pressure	190bar/19MPa		
Discharge capacity	300-1000l/h		
Nozzle size	055		
Max. Inlet temperature	80°C		
Pump speed	1400rpm		
Connected load	6,5kW/10A		
Electrical protection	3x16A slow		
Weight net/with package		120kg/135kg	120kg/135kg
Dimensions device/with package (LxWxH)		102x50x50cm/119x88x127cm	102x50x50cm/119x88x127cm

Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainless- steel), wall-bracket, opening of the device hood by supporting gas pressure springs, triplex-piston pump with brass pump head, hot-water resistant up to 80°C, high-performance ceramic piston, stainless-steel valves, leakage-return, start-stop system with switch-off delay, total-switch-off after 20min with leakage-recognition, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, robust rotary on-off switch, 7,5m connection cable.

Art.No.	155	155000
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High Pressure Cleaner

KSM1840

Hot water resistant



Type	KSM1840		KSM1840-INOX
Voltage	3/N/PE/AC/50Hz/400V	7" Touch-Screen Monitor - PLC Controls Siemens S7-1200 - Automatic Switch On and Off Control for high-pressure pumps - Automatic Stand-By Operation - Pressureless pipes in Stand-By - Booster-Supply-Pump 60l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Maintenance interval display	- Stainless Steel (Food-Safe) 7" Touch-Screen Monitor - PLC Controls Siemens S7-1200 - Automatic Switch On and Off Control for high-pressure pumps - Automatic Stand-By Operation - Pressureless pipes in Stand-By - Booster-Supply-Pump 60l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Maintenance interval display
Operating pressure	30-180bar/3-18MPa		
Max. pressure	200bar/20MPa		
Discharge capacity	900-1800l/h		
Nozzle size	2x050		
Max. Inlet temperature	80°C		
Pump speed	1400rpm		
Connected load	14,0kW/25,5A		
Electrical protection	3x32A slow		
Weight net/with package		493kg/508kg	493kg/508kg
Dimensions device/with package (LxWxH)		113x80x209cm/129x104x210cm	113x80x209cm/129x104x210cm

Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainless- steel), suitable for floor installation, triplex-piston pump with chrome-nickel pump head, hot-water resistant up to 85°C, high-performance ceramic piston, stainless-steel valves, leakage-return, booster-pump for charging the high-pressure pumps (cavitation avoidance), automatic pump-on and shut-off control by plc, total-switch-off between 5 to 600min - adjustable, with leakage-recognition, unloader safety-valve for monitoring, pressureless pipe-system in stand-by mode, robust rotary on-off switch - lockable.

Art.No.	1561	156101
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High Pressure Cleaner

KSM2740

Hot water resistant



Type	KSM2740		KSM2740
Voltage	3/N/PE/AC/50Hz/400V	7" Touch-Screen Monitor - PLC Controls Siemens S7-1200 - Automatic Switch On and Off Control for high-pressure pumps - Automatic Stand-By Operation - Pressureless pipes in Stand-By - Booster-Supply-Pump 60l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Maintenance interval display	- Stainless Steel (Food-Safe) 7" Touch-Screen Monitor - PLC Controls Siemens S7-1200 - Automatic Switch On and Off Control for high-pressure pumps - Automatic Stand-By Operation - Pressureless pipes in Stand-By - Booster-Supply-Pump 60l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Maintenance interval display
Operating pressure	30-180bar/3-18MPa		
Max. pressure	200bar/20MPa		
Discharge capacity	900-2700l/h		
Nozzle size	3x050		
Max. Inlet temperature	80°C		
Pump speed	1400rpm		
Connected load	21,0kW/38A		
Electrical protection	3x50A slow		
Weight net/with package		573kg/588kg	573kg/588kg
Dimensions device/with package (LxWxH)		113x80x209cm/129x104x210cm	113x80x209cm/129x104x210cm

Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainless- steel), suitable for floor installation, triplex-piston pump with chrome-nickel pump head, hot-water resistant up to 85°C, high-performance ceramic piston, stainless-steel valves, leakage-return, booster-pump for charging the high-pressure pumps (cavitation avoidance), automatic pump-on and shut-off control by plc, total-switch-off between 5 to 600min - adjustable, with leakage-recognition, unloader safety-valve for monitoring, pressureless pipe-system in stand-by mode, robust rotary on-off switch - lockable.

Art.No.	1562	156201
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COLD WATER | STATIONARY | SERIES KSM

High Pressure Cleaner

KSM3640

Hot water resistant



Type	KSM3640		KSM3640-INOX
Voltage	3/N/PE/AC/50Hz/400V	7" Touch-Screen Monitor - PLC Controls Siemens S7-1200 - Automatic Switch On and Off Control for high-pressure pumps - Automatic Stand-By Operation - Pressureless pipes in Stand-By - Booster-Supply-Pump 60l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Maintenance interval display	- Stainless Steel (Food-Safe) 7" Touch-Screen Monitor - PLC Controls Siemens S7-1200 - Automatic Switch On and Off Control for high-pressure pumps - Automatic Stand-By Operation - Pressureless pipes in Stand-By - Booster-Supply-Pump 60l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Maintenance interval display
Operating pressure	30-180bar/3-18MPa		
Max. pressure	200bar/20MPa		
Discharge capacity	900-3600l/h		
Nozzle size	4x050		
Max. Inlet temperature	80°C		
Pump speed	1400rpm		
Connected load	27,0kW/50A		
Electrical protection	3x63A slow		
Weight net/with package		-	-
Dimensions device/with package (LxWxH)		213x80x209cm/ -	213x80x209cm/ -

Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainless- steel), suitable for floor installation, triplex-piston pump with chrome-nickel pump head, hot-water resistant up to 85°C, high-performance ceramic piston, stainless-steel valves, leakage-return, booster-pump for charging the high-pressure pumps (cavitation avoidance), automatic pump-on and shut-off control by plc, total-switch-off between 5 to 600min - adjustable, with leakage-recognition, unloader safety-valve for monitoring, pressureless pipe-system in stand-by mode, robust rotary on-off switch - lockable.

Art.No.	1563	156300
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COLD WATER | STATIONARY | SERIES KSM

High Pressure Cleaner

KSM4540

Hot water resistant



Type	KSM4540		KSM4540-INOX
Voltage	3/N/PE/AC/50Hz/400V	7" Touch-Screen Monitor - PLC Controls Siemens S7-1200 - Automatic Switch On and Off Control for high-pressure pumps - Automatic Stand-By Operation - Pressureless pipes in Stand-By - Booster-Supply-Pump 60l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Maintenance interval display	- Stainless Steel (Food-Safe) 7" Touch-Screen Monitor - PLC Controls Siemens S7-1200 - Automatic Switch On and Off Control for high-pressure pumps - Automatic Stand-By Operation - Pressureless pipes in Stand-By - Booster-Supply-Pump 60l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Maintenance interval display
Operating pressure	30-180bar/3-18MPa		
Max. pressure	200bar/20MPa		
Discharge capacity	900-4500l/h		
Nozzle size	5x050		
Max. Inlet temperature	80°C		
Pump speed	1400rpm		
Connected load	33,5kW/60,5A		
Electrical protection	3x80A slow		
Weight net/with package		-	-
Dimensions device/with package (LxWxH)		213x80x209cm/ -	213x80x209cm/ -

Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainless- steel), suitable for floor installation, triplex-piston pump with chrome-nickel pump head, hot-water resistant up to 85°C, high-performance ceramic piston, stainless-steel valves, leakage-return, booster-pump for charging the high-pressure pumps (cavitation avoidance), automatic pump-on and shut-off control by plc, total-switch-off between 5 to 600min - adjustable, with leakage-recognition, unloader safety-valve for monitoring, pressureless pipe-system in stand-by mode, robust rotary on-off switch - lockable.

Art.No.	1564	156400
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COLD WATER | STATIONARY | SERIES KSM

High Pressure Cleaner

KSM5440

Hot water resistant

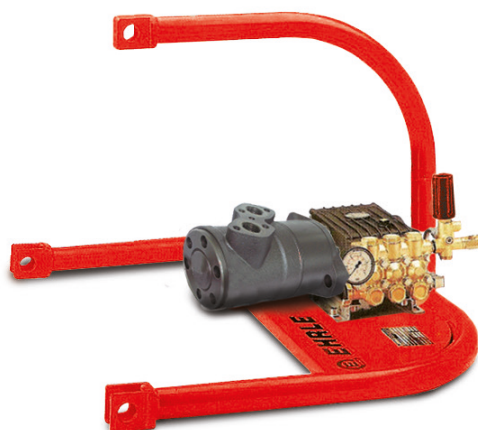
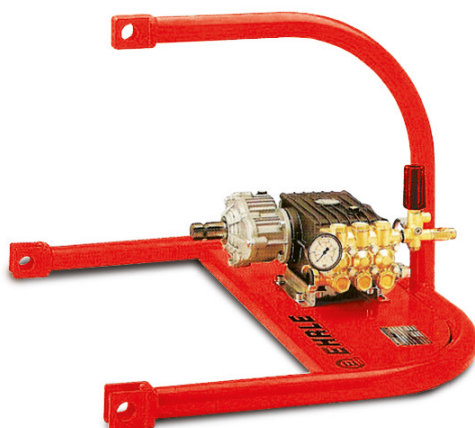
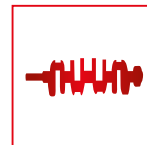


Type	KSM5440		KSM5440-INOX
Voltage	3/N/PE/AC/50Hz/400V	7" Touch-Screen Monitor - PLC Controls Siemens S7-1200 - Automatic Switch On and Off Control for high-pressure pumps - Automatic Stand-By Operation - Pressureless pipes in Stand-By - Booster-Supply-Pump 60l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Maintenance interval display	- Stainless Steel (Food-Safe) 7" Touch-Screen Monitor - PLC Controls Siemens S7-1200 - Automatic Switch On and Off Control for high-pressure pumps - Automatic Stand-By Operation - Pressureless pipes in Stand-By - Booster-Supply-Pump 60l Water-Storage tank - Water-Supply separation acc. DIN EN 1717 class 4 - Maintenance interval display
Operating pressure	30-180bar/3-18MPa		
Max. pressure	200bar/20MPa		
Discharge capacity	900-5400l/h		
Nozzle size	6x050		
Max. Inlet temperature	80°C		
Pump speed	1400rpm		
Connected load	40,0kW/72,5A		
Electrical protection	3x80A slow		
Weight net/with package		-	-
Dimensions device/with package (LxWxH)		213x80x209cm/ -	213x80x209cm/ -

Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainless- steel), suitable for floor installation, triplex-piston pump with chrome-nickel pump head, hot-water resistant up to 85°C, high-performance ceramic piston, stainless-steel valves, leakage-return, booster-pump for charging the high-pressure pumps (cavitation avoidance), automatic pump-on and shut-off control by plc, total-switch-off between 5 to 600min - adjustable, with leakage-recognition, unloader safety-valve for monitoring, pressureless pipe-system in stand-by mode, robust rotary on-off switch - lockable.

Art.No.	1565	156500
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High Pressure Cleaner

KW1200


Type		KW1200 P.T.O. driven	KW1200 Hydraulic driven
Engine		P.T.O. Shaft: 525rpm - i: 1:1,9	Hydraulic Power: 36l/min @180bar
Power Consumption		6,5kW/9hp	11kW/15hp
Mounting/Connection		Plate Size 3 - P.T.O. 1 3/8"	2m DN16/BG3 - DN12/BG3
Operating pressure	30-180bar/3-18MPa	10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w vario nozzle - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle - Detergent-Supply c/w Low-Pressure Injector and Metering-valve	10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w vario nozzle - Stainless-Steel Jet-Nozzle 25° - Spray-Lance 900mm c/w Rotary-Nozzle - Detergent-Supply c/w Low-Pressure Injector and Metering-valve
Max. pressure	200bar/20MPa		
Discharge capacity	300-1200l/h		
Nozzle size	070		
Max. Inlet temperature	45°C		
Pump speed	1000rpm	-	-
Weight net/with package		-	-
Dimensions device/with package (LxWxH)		-	-

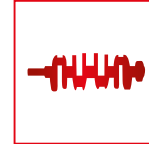
Robust, corrosion-resistant, self-supporting device-plate for mounting size 3, made of robust steel pipe galvanized and powder-coated, triplex-piston pump with brass pump head, high-performance ceramic piston, stainless-steel valves, leakage-return, 2-fold safety system, unloader safety-valve c/w Infinitely variable pressure and quantity regulation and safety-valve, external detergent supply. P.T.O. gearbox for high-pressure pump size: 1 3/8" P.T.O. Hydraulic-drive: supply-line: DN12 c/w Coupling size GR3 - back-flow dn16 c/w Coupling size GR3 (pressureless).

Art.No.	201	204
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High Pressure Cleaner

MP823

Hot water resistant



Type		MP823	Wall mounting	Wall mounting STR
Voltage	1/N/PE/AC/50Hz/230V	• Delivery without Accessories	• Delivery without Accessories	• 20m HP-Hose DN08 - 315bar
Operating pressure	30-120bar/3-12MPa			• Hose reel
Max. pressure	140bar/14MPa			
Discharge capacity	300-720l/h			
Nozzle size	050			
Max. Inlet temperature	80°C			
Pump speed	1400rpm			
Connected load	2,9kW/11,1A			
Electrical protection	16A slow			
Weight net/with package		-	-	-
Dimensions device/with package (LxWxH)		48x33,5x33,5cm/60x40x50cm	-	-

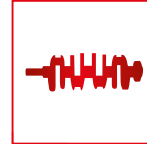
Motor-pump unit for OEM-use, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless- steel valves, leakage-return, start-stop system with switch-off delay, total-switch-off after 20min with leakage-recognition, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, robust rotary on-off switch, 7,5m connection cable.

Art.No.	234667	2980331	2980332
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High Pressure Cleaner

MP1140

Hot water resistant

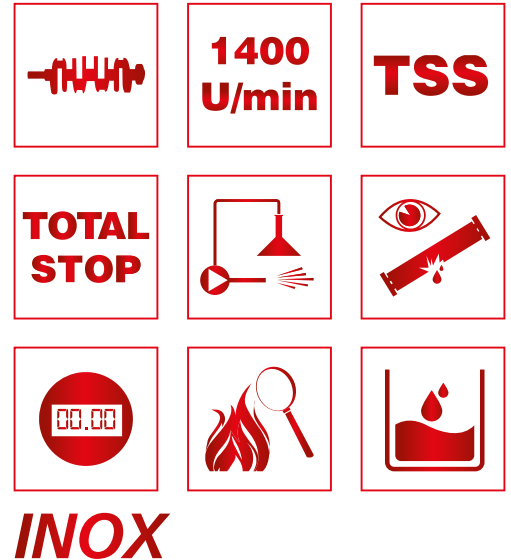


Type		MP1140	Wall mounting	Wall mounting STR
Voltage	3/PE/AC/50Hz/400V	• Delivery without Accessories	• Delivery without Accessories	• 20m HP-Hose DN08 - 315bar
Operating pressure	30-180bar/3-18MPa			• Hose reel
Max. pressure	200bar/20MPa			
Discharge capacity	300-1000l/h			
Nozzle size	050			
Max. Inlet temperature	80°C			
Pump speed	1400rpm			
Connected load	6,5kW/11,7A			
Electrical protection	3x16A slow			
Weight net/with package		54kg/63kg	-	-
Dimensions device/with package (LxWxH)		71,5x41,5x38cm/80x60x56,5cm	-	-

Motor-pump unit for OEM-use, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless- steel valves, leakage-return, start-stop system with switch-off delay, total-switch-off after 20min with leakage-recognition, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, robust rotary on-off switch, 7,5m connection cable.

Art.No.	234660	2980331	2980332
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High Pressure Cleaner

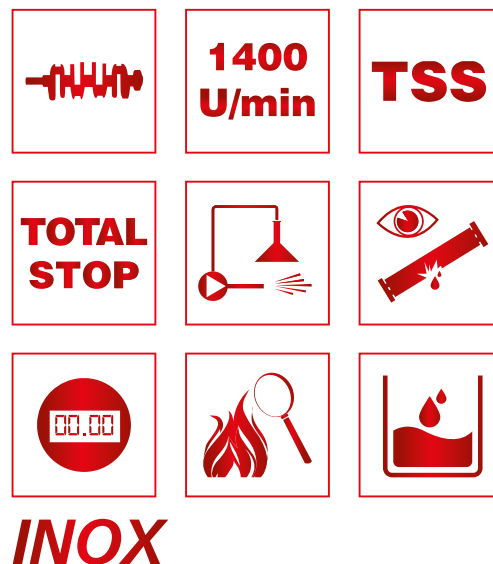
HSC823


Type	HSC823		HSC823-INOX
Voltage	1/N/PE/AC/50Hz/230V	- Etronic II - Controls 10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve	- Stainless steel (food safe) - Etronic II - Controls 10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-140bar/3-14MPa		
Max. pressure	160bar/16MPa		
Discharge capacity	300-720l/h		
Nozzle size	045		
Hot water capacity	30-98°C		
Pump speed	1400rpm		
Connected load	3,4kW/15A		
Electrical protection	16A slow		
Weight net/with package		301kg/318kg	300kg/317kg
Dimensions device/with package (LxWxH)		122x75,5x162,5cm/125x81,5x175,5cm	122x75,5x162,5cm/125x81,5x175,5cm

Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainless-steel), suitable for floor installation, 20mm PU-sound and thermal insulation, thermostatic chassis electric heating 80W, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, Etronic II - controls: (start-stop system with switch-off delay, total-switch-off after 20min, OPH-counter with service information, optical flame monitoring with photoelectric cell and fault indicator-light DIN EN 298) 2 motors system (independent of the direction of rotation) separately for H.P.-Pump and heating, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, integrated diesel-tank 60l, separate space for 2 x 20l cleaning detergent-container c/w Remote activation, 2 different operating control level, 3 robust on-off rotary switches for H.P. Pump, heating and detergent, 7,5m connection cable.

Art.No.	52601	526010
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High Pressure Cleaner

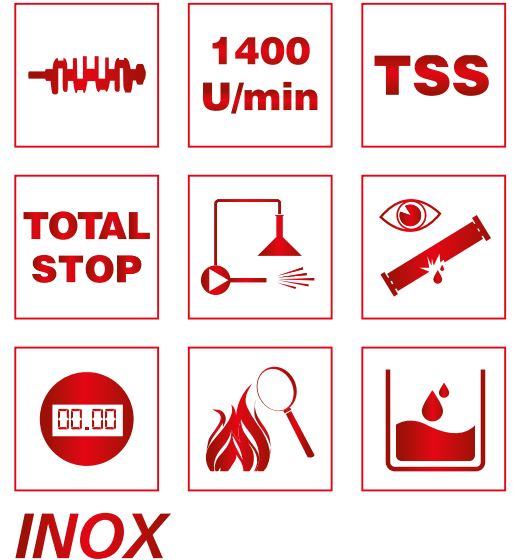
HSC1140


Type	HSC1140		HSC1140-INOX
Voltage	3/N/PE/AC/50Hz/400V	- Etronic II - Controls 10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle- Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve	- Stainless steel (food safe) - Etronic II - Controls 10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-180bar/3-18MPa		
Max. pressure	200bar/20MPa		
Discharge capacity	300-1000l/h		
Nozzle size	055		
Hot water capacity	30-98°C		
Pump speed	1400rpm		
Connected load	6,5kW/12,2A		
Electrical protection	3x16A slow		
Weight net/with package		301kg/318kg	300kg/317kg
Dimensions device/with package (LxWxH)		122x75,5x162,5cm/125x81,5x175,5cm	122x75,5x162,5cm/125x81,5x175,5cm

Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainless-steel), suitable for floor installation, 20mm PU-sound and thermal insulation, thermostatic chassis electric heating 80W, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, Etronic II - controls: (start-stop system with switch-off delay, total-switch-off after 20min, OPH-counter with service information, optical flame monitoring with photoelectric cell and fault indicator-light DIN EN 298) 2 motors system (independent of the direction of rotation) separately for H.P.-Pump and heating, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, integrated diesel-tank 60l, separate space for 2 x 20l cleaning detergent-container c/w Remote activation, 2 different operating control level, 3 robust on-off rotary switches for H.P. Pump, heating and detergent, 7,5m connection cable.

Art.No.	52702	527
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High Pressure Cleaner

HSC1240


Type	HSC1240		HSC1240-INOX
Voltage	3/N/PE/AC/50Hz/400V	- Etronic II - Controls 10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve	- Stainless steel (food safe) - Etronic II - Controls 10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle-Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-160bar/3-16MPa		
Max. pressure	180bar/18MPa		
Discharge capacity	300-1200l/h		
Nozzle size	070		
Hot water capacity	30-98°C		
Pump speed	1400rpm		
Connected load	7,6kW/14,1A		
Electrical protection	3x16A slow		
Weight net/with package		301kg/318kg	300kg/317kg
Dimensions device/with package (LxWxH)		122x75,5x162,5cm/125x81,5x175,5cm	122x75,5x162,5cm/125x81,5x175,5cm

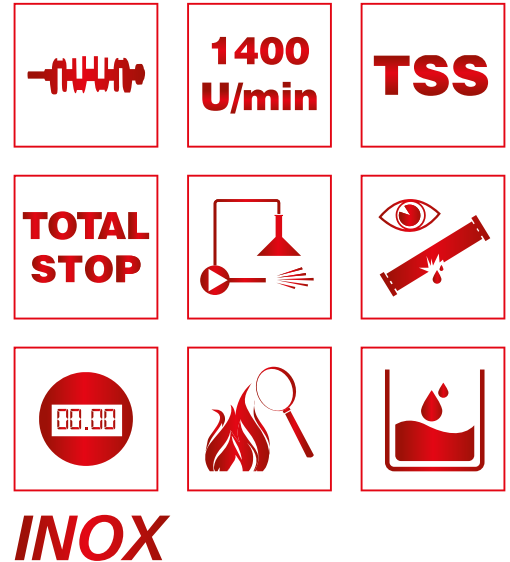
Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainless-steel), suitable for floor installation, 20mm PU-sound and thermal insulation, thermostatic chassis electric heating 80W, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, Etronic II - controls: (start-stop system with switch-off delay, total-switch-off after 20min, OPH-counter with service information, optical flame monitoring with photoelectric cell and fault indicator-light DIN EN 298) 2 motors system (independent of the direction of rotation) separately for H.P.-Pump and heating, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, integrated diesel-tank 60l, separate space for 2 x 20l cleaning detergent-container c/w Remote activation, 2 different operating control level, 3 robust on-off rotary switches for H.P. Pump, heating and detergent, 7,5m connection cable.

Art.No.	52801	528
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HOT WATER | STATIONARY | ELECTRIC HEATED | SERIES HSC

High Pressure Cleaner

HSC840-INOX 24kW

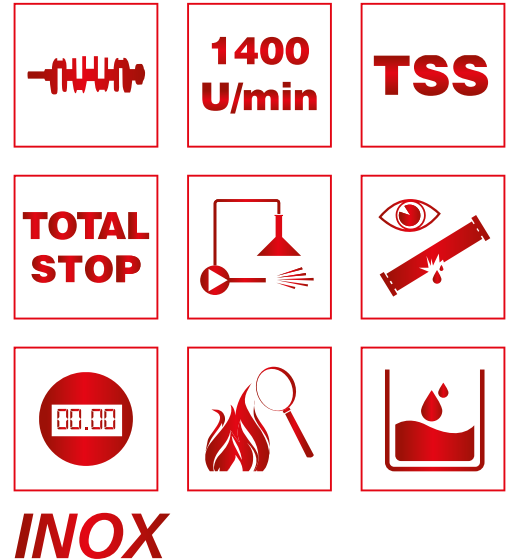


Type		HSC840-INOX 24kW
Voltage	3/N/PE/AC/50Hz/400V	- Stainless steel (food safe) - Etronic I - Controls 10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-130bar/3-13MPa	
Max. pressure	150bar/15MPa	
Discharge capacity	300-720l/h	
Nozzle size	045	
Heating capacity	24kW	
Hot water capacity	30-80°C	
Pump speed	1400rpm	
Connected load	28,8kW/44,2A	
Electrical protection	3x50A slow	
Weight net/with package		264kg/281kg
Dimensions device/with package (LxWxH)		122x75,5x162,5cm/125x81,5x175,5cm

Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainless-steel), suitable for floor installation, 20mm PU-sound and thermal insulation, thermostatic chassis electric heating 80W, Stainless steel water heater 65l contents with preheating and buffering for immediate hot water use and hot water preparation in stand-by mode, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, Etronic I - controls: (start-stop system with switch-off delay, total-switch-off after 20min, OPH-counter with service information, optical flame monitoring with photoelectric cell and fault indicator-light) 2 motors system (independent of the direction of rotation) separately for H.P.-Pump and heating, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, integrated diesel-tank 60l, separate space for 2 x 20l cleaning detergent-container c/w Remote activation, 2 different operating control level, 3 robust on-off rotary switches for H.P. Pump, heating and detergent, 7,5m connection cable.

Art.No. 531

High Pressure Cleaner

HSC1140-INOX 30kW


Type		HSC1140-INOX 30kW
Voltage	3/N/PE/AC/50Hz/400V	- Stainless steel (food safe) - Etronic I - Controls 10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-180bar/3-18MPa	
Max. pressure	200bar/20MPa	
Discharge capacity	300-1000l/h	
Nozzle size	055	
Heizleistung	30kW	
Hot water capacity	30-80°C	
Pump speed	1400rpm	
Connected load	36,5kW/57,0A	
Electrical protection	3x63A slow	
Weight net/with package		292kg/309kg
Dimensions device/with package (LxWxH)		122x75,5x162,5cm/125x81,5x175,5cm

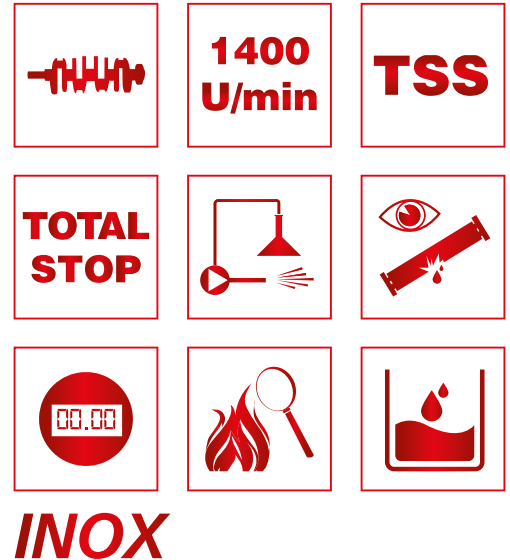
Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainless-steel), suitable for floor installation, 20mm PU-sound and thermal insulation, thermostatic chassis electric heating 80W, Stainless steel water heater 65l contents with preheating and buffering for immediate hot water use and hot water preparation in stand-by mode, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, Etronic I - controls: (start-stop system with switch-off delay, total-switch-off after 20min, OPH-counter with service information, optical flame monitoring with photoelectric cell and fault indicator-light) 2 motors system (independent of the direction of rotation) separately for H.P.-Pump and heating, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, integrated diesel-tank 60l, separate space for 2 x 20l cleaning detergent-container c/w Remote activation, 2 different operating control level, 3 robust on-off rotary switches for H.P. Pump, heating and detergent, 7,5m connection cable.

Art.No. 533

HOT WATER | STATIONARY | OIL HEATED | SERIES HSC

High Pressure Cleaner

HSC1140-INOX Gas



Type		HSC1140-INOX Gas
Voltage	3/N/PE/AC/50Hz/400V	- Stainless steel (food safe) - Etronic I - Controls 10m HP-Hose DN08 - 315bar - Trigger-Gun with swivel - Spray-Lance 900mm c/w Nozzle Protection - Stainless-Steel Jet-Nozzle 25° - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-180bar/3-18MPa	
Max. pressure	200bar/20MPa	
Discharge capacity	300-1000l/h	
Nozzle size	055	
Hot water capacity	30-70°C	
Pump speed	1400rpm	
Heating power	50kW	
Connected load	6,5kW/11,7A	
Electrical protection	3x16A slow	
Weight net/with package		313kg/330kg
Dimensions device/with package (LxWxH)		122x75,5x162,5cm/125x81,5x175,5cm

Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainless-steel), suitable for floor installation, 20mm PU-sound and thermal insulation, thermostatic chassis electric heating 80W, Stainless steel water heater 65l with gas racer DIN EN 15502-2-1 (natural gas or LPG) buffer storage for immediate hot water use and hot water preparation during breaks in stand-by mode, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, Etronic I - controls: (start-stop system with switch-off delay, total-switch-off after 20min, OPH-counter with service information, optical flame monitoring with photoelectric cell and fault indicator-light) 2 motors system (independent of the direction of rotation) separately for H.P.-Pump and heating, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, integrated diesel-tank 60l, separate space for 2 x 20l cleaning detergent-container c/w Remote activation, 2 different operating control level, 3 robust on-off rotary switches for H.P. Pump, heating and detergent, 7,5m connection cable.

Art.No.	52701
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Additional Kit

HSC integrated hose reel



Additional Kit HSC with integrated hose reel

- Hose Reel for 20m HD-Hose Stainless steel (food safe)
- Automatic hose locking retraction
- 20m HP-Hose DN08 - 315bar with bend protection on one side
- Stainless steel hose bushing with guide rollers
- Lance quiver without drain (for subsequent installation in the HSC device series)

Art.No. 265300

High Pressure Cleaner

HSC1140 FR OIL

NEW!



**1400
U/min**

TSS

**TOTAL
STOP**



INOX



**Anti Freeze
circulatory system**

Type	HSC1140 FR Oil		HSC1140-INOX FR Oil
Voltage	3/N/PE/AC/50Hz/400V	- Suitable for winter operation down to -15°C outside temperature - Antifreeze circulatory system with internal WAB - Stainless steel lance quiver with anti-freeze water return to the WAB - PLC to control the antifreeze circuit system with pressure relief - Etronic II-Controls 10m HD-Hose DN08 - 315bar - Shut-off pistol with low-pressure leakage - Lance 900mm with nozzle protection - Stainless steel flat jet nozzle 25° - Lance quiver with drain into the incoming antifreeze tank (WAB) - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve - Recommendation: Installation Kit - Automatic - Hose reel with 20m HP hose - optional	- Stainless steel (food safe) - Suitable for winter operation down to -15°C outside temperature - Antifreeze circulatory system with internal WAB - Stainless steel lance quiver with anti-freeze water return to the WAB - PLC to control the antifreeze circuit system with pressure relief - Etronic II-Controls 10m HD-Hose DN08 - 315bar - Shut-off pistol with low-pressure leakage - Lance 900mm with nozzle protection - Stainless steel flat jet nozzle 25° - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve - Recommendation: Installation Kit - Automatic - Hose reel with 20m HP hose - optional
Operating pressure	30-180bar/3-18MPa		
Max. pressure	200bar/20MPa		
Discharge capacity	300-1000l/h		
Nozzle size	055		
Hot water capacity	30-98°C		
Pump speed	1400rpm		
Connected load	6,5kW/12,2A		
Electrical protection	3x16A slow		
Weight net/with package		301kg/318kg	300kg/317kg
Dimensions device/with package (LxWxH)		122x75,5x162,5cm/125x81,5x175,5cm	122x75,5x162,5cm/125x81,5x175,5cm

Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainless-steel), suitable for floor installation, 20mm PU-sound and thermal insulation, thermostatic chassis electric heating 80W, thermostatically and SPS controlled frost protection circuit system with frost protection water recirculation in the internal WAB 40ltr, reliable down to -15°C outside temperature, stainless steel hot water boiler 65l capacity with preheating and buffering for immediate hot water use and hot water preparation in stand-by mode, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, Etronic II - controls: (start-stop system with switch-off delay, total-switch-off after 5min, OPH-counter with service information, optical flame monitoring with photoelectric cell and fault indicator-light) 2 motors system (independent of the direction of rotation) separately for H.P.-Pump and heating, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, integrated diesel-tank 60l, separate space for 2 x 20l cleaning detergent-container c/w Remote activation, 2 different operating control level, 3 robust on-off rotary switches for H.P. Pump, heating and detergent, 7,5m connection cable.

Art.No.	527002	527001
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High Pressure Cleaner

HSC1240 FR ÖL

NEW!



**1400
U/min**

TSS

**TOTAL
STOP**



INOX



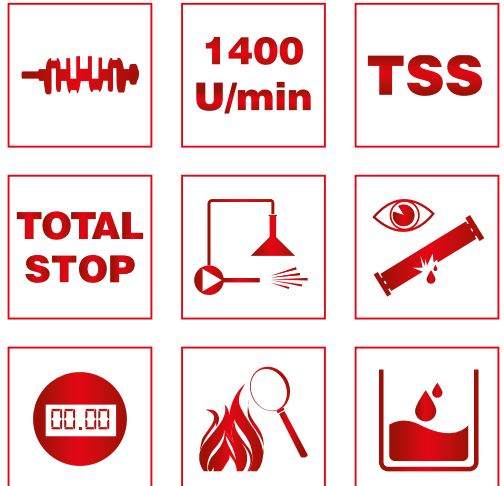
**Anti Freeze
circulatory system**

Type	HSC1240 FR Oil		HSC1240-INOX FR Oil
Voltage	3/N/PE/AC/50Hz/400V	- Suitable for winter operation down to -15°C outside temperature - Antifreeze circulatory system with internal WAB - Stainless steel lance quiver with anti-freeze water return to the WAB - PLC to control the antifreeze circuit system with pressure relief - Etronic II-Controls 10m HD-Hose DN08 - 315bar - Shut-off pistol with low-pressure leakage - Lance 900mm with nozzle protection - Stainless steel flat jet nozzle 25° - Lance quiver with drain into the incoming antifreeze tank (WAB) - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve - Recommendation: Installation Kit - Automatic - Hose reel with 20m HP hose - optional	- Stainless steel (food safe) - Suitable for winter operation down to -15°C outside temperature - Antifreeze circulatory system with internal WAB - Stainless steel lance quiver with anti-freeze water return to the WAB - PLC to control the antifreeze circuit system with pressure relief - Etronic II-Controls 10m HD-Hose DN08 - 315bar - Shut-off pistol with low-pressure leakage - Lance 900mm with nozzle protection - Stainless steel flat jet nozzle 25° - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve - Recommendation: Installation Kit - Automatic - Hose reel with 20m HP hose - optional
Operating pressure	30-160bar/3-16MPa		
Max. pressure	180bar/18MPa		
Discharge capacity	300-1200l/h		
Nozzle size	070		
Hot water capacity	30-98°C		
Pump speed	1400rpm		
Connected load	7,6kW/14,1A		
Electrical protection	3x16A slow		
Weight net/with package		301kg/318kg	300kg/317kg
Dimensions device/with package (LxWxH)		122x75,5x162,5cm/125x81,5x175,5cm	122x75,5x162,5cm/125x81,5x175,5cm

Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainless-steel), suitable for floor installation, 20mm PU-sound and thermal insulation, thermostatic chassis electric heating 80W, thermostatically and SPS controlled frost protection circuit system with frost protection water recirculation in the internal WAB 40ltr, reliable down to -15°C outside temperature, stainless steel hot water boiler 65l capacity with preheating and buffering for immediate hot water use and hot water preparation in stand-by mode, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, Etronic II - controls: (start-stop system with switch-off delay, total-switch-off after 5min, OPH-counter with service information, optical flame monitoring with photoelectric cell and fault indicator-light) 2 motors system (independent of the direction of rotation) separately for H.P.-Pump and heating, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, integrated diesel-tank 60l, separate space for 2 x 20l cleaning detergent-container c/w Remote activation, 2 different operating control level, 3 robust on-off rotary switches for H.P. Pump, heating and detergent, 7,5m connection cable.

Art.No.	528002	528001
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High Pressure Cleaner

HSC840-INOX FR 24kW
NEW!

INOX

**Anti Freeze
circulatory system**

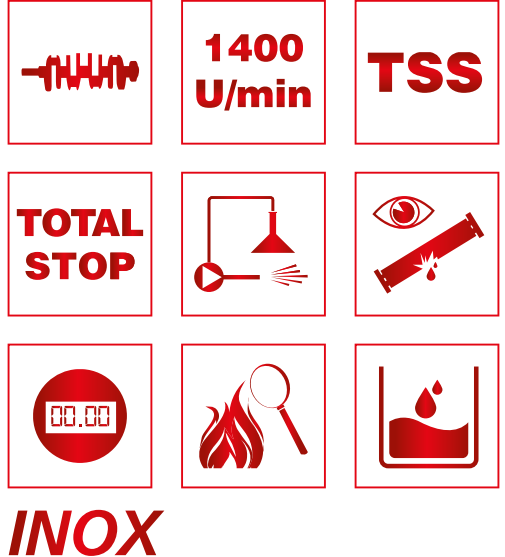
Type HSC840-INOX FR 24kW

Voltage	3/N/PE/AC/50Hz/400V	- Suitable for winter operation down to -15°C outside temperature - Antifreeze circulatory system with internal WAB - Stainless steel lance quiver with anti-freeze water return to the WAB - PLC to control the antifreeze circuit system with pressure relief - Etronic I-Controls 10m HD-Hose DN08 - 315bar - Shut-off pistol with low-pressure leakage - Lance 900mm with nozzle protection - Stainless steel flat jet nozzle 25° - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve - Recommendation: Installation Kit - Automatic - Hose reel with 20m HP hose - optional
Operating pressure	30-130bar/3-13MPa	
Max. pressure	150bar/15MPa	
Discharge capacity	300-720l/h	
Nozzle size	045	
Heating capacity	24kW	
Hot water capacity	30-80°C	
Pump speed	1400rpm	
Connected load	28,8kW/44,2A	
Electrical protection	3x50A slow	
Weight net/with package		264kg/281kg
Dimensions device/with package (LxWxH)		122x75,5x162,5cm/125x81,5x175,5cm

Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainless-steel), suitable for floor installation, 20mm PU-sound and thermal insulation, thermostatic chassis electric heating 80W, thermostatically and SPS controlled frost protection circuit system with frost protection water recirculation in the internal WAB 40ltr, reliable down to -15°C outside temperature, stainless steel hot water boiler 65l capacity with preheating and buffering for immediate hot water use and hot water preparation in stand-by mode, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, Etronic I - controls: (start-stop system with switch-off delay, total-switch-off after 20min, OPH-counter with service information, optical flame monitoring with photoelectric cell and fault indicator-light) 2 motors system (independent of the direction of rotation) separately for H.P.-Pump and heating, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, integrated diesel-tank 60l, separate space for 2 x 20l cleaning detergent-container c/w Remote activation, 2 different operating control level, 3 robust on-off rotary switches for H.P. Pump, heating and detergent, 7,5m connection cable.

Art.No. 531001

High Pressure Cleaner

HSC1140-INOX FR 30kW
NEW!

**Anti Freeze
circulatory system**

Type

HSC1140-INOX FR 30kW

Voltage	3/N/PE/AC/50Hz/400V	- Suitable for winter operation down to -15°C outside temperature - Antifreeze circulatory system with internal WAB - Stainless steel lance quiver with anti-freeze water return to the WAB - PLC to control the antifreeze circuit system with pressure relief - Etronic I-Controls 10m HD-Hose DN08 - 315bar - Shut-off pistol with low-pressure leakage - Lance 900mm with nozzle protection - Stainless steel flat jet nozzle 25° - Water-Supply separation acc. DIN EN 1717 class 4 - Chemical supply in high-pressure Jet c/w Metering-valve - Recommendation: Installation Kit - Automatic - Hose reel with 20m HP hose - optional
Operating pressure	30-180bar/3-18MPa	
Max. pressure	200bar/20MPa	
Discharge capacity	300-1000l/h	
Nozzle size	055	
Heating capacity	30kW	
Hot water capacity	30-80°C	
Pump speed	1400rpm	
Connected load	36,5kW/57,0A	
Electrical protection	3x63A slow	
Weight net/with package		292kg/309kg
Dimensions device/with package (LxWxH)		122x75,5x162,5cm/125x81,5x175,5cm

Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainless-steel), suitable for floor installation, 20mm PU-sound and thermal insulation, thermostatic chassis electric heating 80W, thermostatically and SPS controlled frost protection circuit system with frost protection water recirculation in the internal WAB 40ltr, reliable down to -15°C outside temperature, stainless steel hot water boiler 65l capacity with preheating and buffering for immediate hot water use and hot water preparation in stand-by mode, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, Etronic I - controls: (start-stop system with switch-off delay, total-switch-off after 20min, OPH-counter with service information, optical flame monitoring with photoelectric cell and fault indicator-light) 2 motors system (independent of the direction of rotation) separately for H.P.-Pump and heating, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, integrated diesel-tank 60l, separate space for 2 x 20l cleaning detergent-container c/w Remote activation, 2 different operating control level, 3 robust on-off rotary switches for H.P. Pump, heating and detergent, 7,5m connection cable.

Art.No.

533004

Additional Kit

HSC FR integrated hose reel

NEW!



**Anti Freeze
circulatory system**

Additional Kit HSC Frost protection with integrated hose reel

- Hose Reel for 20m HD-Hose stainless steel (food safe)
- Automatic hose locking retraction
- 20m HP-Hose DN08 - 315bar with bend protection on one side
- Stainless steel hose bushing with guide rollers
- Water passage for lateral expansion on the HSC-housing

Art.No. 265301



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