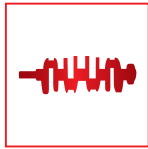


EHRLE attributes

High pressure cleaner characteristics



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 Dosing-Valve

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 High-Pressure 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 rubber-wheels – no small castors.



(Option) Water-Break Tank

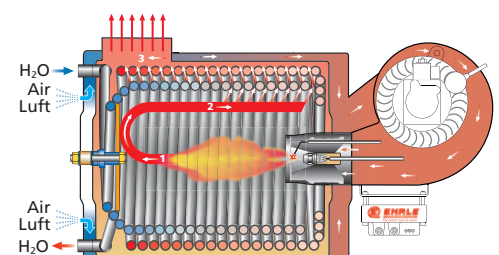


(Optional)

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 Emmissions! 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, mobile/ stationary - series 1x1

KD223



Type		KD223-Standard
Voltage	1/ 230V / 50Hz	<ul style="list-style-type: none"> ▶ 10m HP-Hose DN06 - 250bar ▶ Trigger-Gun with swivel ▶ Spray-Lance 900mm c/w Adjustable nozzle ▶ Stainless-Steel Jet-Nozzle 25° ▶ Detergent-Supply c/w Low-Pressure Injector and metering-valve
Operating pressure	30-120bar/ 3-12MPa	
Max. pressure	140bar/ 14MPa	
Discharge capacity	200 - 500l/h	
Nozzle size	034	
Max. Inlet temperature	45°C	
Pump speed	2800rpm	
Connected load	2,5kW / 10,0A	
Electrical protection	16A slow-blowing	
Weight net / with package		16,8 kg / 21 kg
Dimensions of product / with package (LxWxH)		460 x 280 x 260 mm / 500 x 300 x 420 mm
<p>Self-Supporting, robust, impact-Resistant device-cover made of ABS, Triplex-Piston pump with brass pump head, High-Performance ceramic piston, Stainless-Steel valves, Start-Stop system, Unloader Safety-Valve c/w infinitely variable pressure and quantity regulation, 3-point pedestal, rubber-coated with bayonet quick-change device for wall brackets and trolley, Rotary On-Off switch, 5,0m connection cable</p>		
Art. No.		101223

High pressure cleaner

Cold water, mobile - series 1x1

KD323



Type		KD323-Standard
Voltage	1/ 230V / 50Hz	<ul style="list-style-type: none"> ▶ 10m HP-Hose DN06 - 250bar ▶ Trigger-Gun with swivel ▶ Spray-Lance 900mm c/w Adjustable nozzle ▶ Stainless-Steel Jet-Nozzle 25° ▶ Detergent-Supply c/w Low-Pressure Injector and metering-valve
Operating pressure	30-120bar/ 3-12MPa	
Max. pressure	140bar/ 14MPa	
Discharge capacity	250 - 600l/h	
Nozzle size	045	
Max. Inlet temperature	45°C	
Pump speed	2800rpm	
Connected load	2,9kW / 12,5A	
Electrical protection	16A slow-blowing	
Weight net / with package		18,6 kg / 22,6 kg
Dimensions of product / with package (LxWxH)		460 x 280 x 260 mm / 500 x 300 x 420 mm
<p>Self-Supporting, robust, impact-Resistant device-cover made of ABS, Triplex-Piston pump with brass pump head, High-Performance ceramic piston, Stainless-Steel valves, Start-Stop system, Unloader Safety-Valve c/w infinitely variable pressure and quantity regulation, 3-point pedestal, rubber-coated with bayonet quick-change device for wall brackets and trolley, Rotary On-Off switch, 5,0m connection cable</p>		
Art. No.		101323

High pressure cleaner

Cold water, mobile - series 2x2

KD523



Type	KD523-Standard		KD523-Premium
Voltage	1/ 230V/ 50Hz		<ul style="list-style-type: none"> ▶ Hose-Reel ▶ 15m HP-Hose DN08 - 250bar ▶ Trigger-Gun with swivel ▶ Spray-Lance 900mm c/w Vario-Nozzle ▶ Stainless-Steel Jet-Nozzle 25° ▶ 2l Cleaning-Detergent tank ▶ Detergent-Supply c/w Low-Pressure Injector and metering-valve
Operating pressure	30 -130bar/ 3-13MPa		
Max. pressure	150bar/ 15MPa		
Discharge capacity	300 - 600l/h		
Nozzle size	040		
Max. Inlet temperature	45°C		
Pump speed	1400rpm		
Connected load	2,6kW / 9,0A		
Electrical protection	16A slow-blowing		
Weight net / with package	34 kg / 38 kg		36 kg / 40 kg
Dimensions device / with package (LxWxH)	380 x 380 x 900 mm/ 800 x 400 x 580 mm		390 x 380 x 900 mm/ 800 x 400 x 580 mm
<p>Self-Supporting, robust, impact-Resistant device-cover made of ABS, Triplex-Piston pump with brass pump head, High-Performance ceramic piston, Stainless-Steel valves, Start-Stop system, Unloader Safety-Valve c/w infinitely variable pressure and quantity regulation, 2 large wheels and rubber support, Storage possibility for all accessories, Robust On-Off switch, 5,0m connection cable</p>			
Art. No.	202523		212523

High pressure cleaner

Cold water, mobile - series 3x3

KD623



Type	KD623-Standard		KD623-Premium	
Voltage	1/ 230V/ 50Hz		▶ Hose-Reel	
Operating pressure	30-160bar/ 3-16MPa		▶ 15m HP-Hose DN06 - 250bar	
Max. pressure	180bar/ 18MPa		▶ Trigger-Gun with swivel	
Discharge capacity	300 - 600 l/h		▶ Spray-Lance 900mm c/w Vario-Nozzle	
Nozzle size	034		▶ Stainless-Steel Jet-Nozzle 25°	
Max. Inlet temperature	45°C		▶ 15l Cleaning-Detergent tank	
Pump speed	1400rpm		▶ Detergent-Supply c/w Low-Pressure Injector and metering-valve	
Connected load	2,9kW / 14,2A		▶ Hose-Reel	
Electrical protection	16A slow-blowing		▶ 15m HP-Hose DN06 - 250bar	
Weight net / with package	46 kg / 66 kg		▶ Trigger-Gun with swivel	
Dimensions device / with package (LxWxH)	805 x 485 x 950 mm / 790 x 595 x 810 mm		▶ 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. water reg.	
			▶ Chemical supply in high-pressure Jet c/w Metering-valve	
Art. No.	558001		558002	

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

High pressure cleaner

Cold water, mobile - series 3x3

KD823



Type		KD823-Standard	KD823-Premium
Voltage	1/ 230V/ 50Hz	<ul style="list-style-type: none"> ▶ 10m HP-Hose DN08 - 315bar ▶ Trigger-Gun with swivel ▶ Spray-Lance 900mm c/w Vario-Nozzle ▶ Stainless-Steel Jet-Nozzle 25° ▶ 15l Cleaning-Detergent tank ▶ Detergent-Supply c/w Low-Pressure Injector and metering-valve 	<ul style="list-style-type: none"> ▶ Hose-Reel ▶ 15m 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 ▶ 17l Water-Storage tank ▶ Water-Supply separation acc. water reg. ▶ Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-140bar/ 3-14MPa		
Max. pressure	165bar/ 16,5MPa		
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-blowing		
Weight net / with package		51,8 kg / 71,8 kg	55,8 kg / 75,8 kg
Dimensions device / with package (LxWxH)		805 x 485 x 950 mm / 790 x 595 x 810 mm	830 x 485 x 950 mm / 790 x 595 x 810 mm
<p>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</p>			
Art. No.		562001	562002

High pressure cleaner

Cold water, mobile - series 3x3

KD940

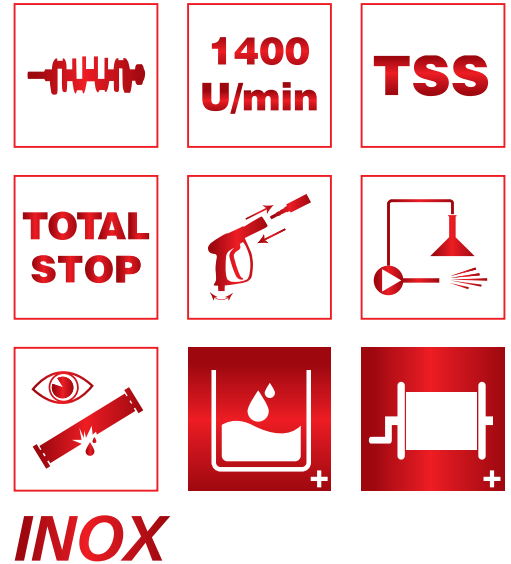


Type	KD940-Standard		KD940-Premium	
Voltage	3/400-415V/ 50Hz	▶ 10m HP-Hose DN08 - 315bar	▶ Hose-Reel	
Operating pressure	30-190bar/ 3-19MPa	▶ Trigger-Gun with swivel	▶ 15m HP-Hose DN08 - 315bar	
Max. pressure	210bar/ 21MPa	▶ Spray-Lance 900mm c/w Vario-Nozzle	▶ Trigger-Gun with swivel	
Discharge capacity	300 - 840l/h	▶ Stainless-Steel Jet-Nozzle 25°	▶ Spray-Lance 900mm c/w Nozzle-Protection	
Nozzle size	045	▶ 15l Cleaning-Detergent tank	▶ Stainless-Steel Jet-Nozzle 25°	
Max. Inlet temperature	45°C	▶ Detergent-Supply c/w Low-Pressure Injector and metering-valve	▶ Spray-Lance 900mm c/w Rotary-Nozzle	
Pump speed	1400rpm		▶ 17l Water-Storage tank	
Connected load	5,2kW / 9,1A		▶ Water-Supply separation acc. water reg.	
Electrical protection	3x16A slow-blowing		▶ Chemical supply in high-pressure Jet c/w Metering-valve	
Weight net / with package		54 kg / 74 kg	58 kg / 78 kg	
Dimensions device / with package (LxWxH)		805 x 485 x 950 mm / 790 x 595 x 810 mm	830 x 485 x 950 mm / 790 x 595 x 810 mm	
<p>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</p>				
Art. No.		561001	561002	

High pressure cleaner

Cold water, mobile - series 3x3 food version

KD940-F - with stainless steel pump, hot water resistant



Type	KD940-F-Standard		KD940-F-Premium	
Voltage	3/400-415V/ 50Hz		▶ Hose-Reel	
Operating pressure	30-130bar / 3-13MPa		▶ 15m HP-Hose DN08 - 315bar blue	
Max. pressure	150bar / 15MPa		▶ Trigger-Gun with swivel	
Discharge capacity	300 - 840l/h		▶ Double Spray-Lance 900 mm c/w Nozzle-Protection	
Nozzle size	060		▶ Stainless-Steel Jet-Nozzle 25°	
Max. Inlet temperature	80°C		▶ High and low pressure jet nozzle 25°	
Pump speed	1400rpm		▶ 15l Cleaning-Detergent tank	
Connected load	4,5kW / 8,1A		▶ Detergent-Supply c/w Low-Pressure Injector and metering-valve	
Electrical protection	3x16A slow-blowing		▶ 17l Water-Storage tank	
Weight net / with package	54 kg / 74 kg		▶ Water-Supply separation acc. water reg. Chemical supply in high-pressure Jet c/w Metering-valve	
Dimensions device / with package (LxWxH)	805 x 485 x 950 mm / 790 x 595 x 810 mm		830 x 485 x 950 mm / 790 x 595 x 810 mm	
<p>Food appliance 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, 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 stainless steel</p>				
Art. No.	561003		561004	

High pressure cleaner

Cold water, mobile - series 4x4

KD1140

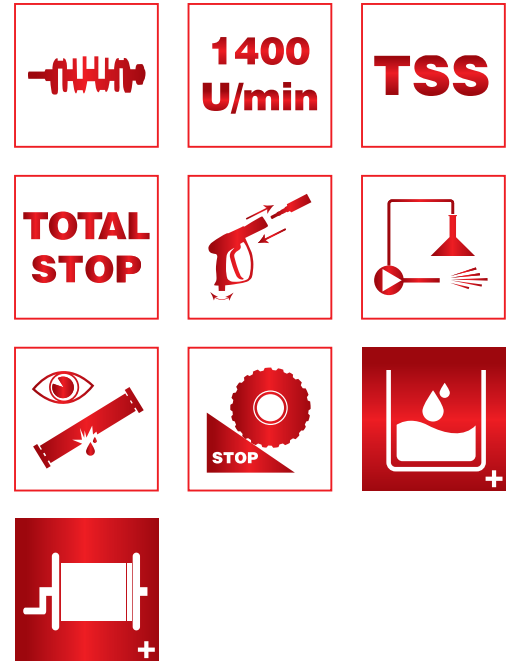


Type		KD1140-Standard	KD1140-Premium
Voltage	3/400-415V/ 50Hz	<ul style="list-style-type: none"> ▶ 10m HP-Hose DN08 - 315bar ▶ Trigger-Gun with swivel ▶ Spray-Lance 900mm c/w Vario-Nozzle ▶ Stainless-Steel Jet-Nozzle 25° ▶ 25l Cleaning-Detergent tank ▶ Detergent-Supply c/w Low-Pressure Injector and metering-valve 	<ul style="list-style-type: none"> ▶ Hose-Reel ▶ 15m 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 ▶ 17l Water-Storage tank ▶ Water-Supply separation acc. water reg. ▶ Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-250bar/ 3-25MPa		
Max. pressure	270bar/ 27MPa		
Discharge capacity	300 - 1.000l/h		
Nozzle size	045		
Max. Inlet temperature	45°C		
Pump speed	1400rpm		
Connected load	7,4kW / 13,1A		
Electrical protection	3x16A slow-blowing		
Weight net / with package		89 kg / 113kg	97 kg / 121 kg
Dimensions device / with package (LxWxH)		980 x 620 x 1000 mm / 1050 x 760 x 1180 mm	1020 x 620 x 1000 mm / 1050 x 760 x 1180 mm
<p>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, 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</p>			
Art. No.		551001	551002

High pressure cleaner

Cold water, mobile - series 4x4

KD1340



Type		KD1340-Standard	KD1340-Premium
Voltage	3/400-415V/ 50Hz	<ul style="list-style-type: none"> ▶ 10m HP-Hose DN08 - 315bar ▶ Trigger-Gun with swivel ▶ Spray-Lance 900mm c/w Vario-Nozzle ▶ Stainless-Steel Jet-Nozzle 25° ▶ 25l Cleaning-Detergent tank ▶ Detergent-Supply c/w Low-Pressure Injector and metering-valve 	<ul style="list-style-type: none"> ▶ Hose-Reel ▶ 15m HP-Hose DN06 - 315bar ▶ Trigger-Gun with swivel ▶ 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. water reg. ▶ Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-170bar/ 3-17MPa		
Max. pressure	190bar/ 19MPa		
Discharge capacity	300 - 1.300l/h		
Nozzle size	070		
Max. Inlet temperature	45°C		
Pump speed	1400rpm		
Connected load	7,4kW / 13,1A		
Electrical protection	3x16A slow-blowing		
Weight net / with package		89 kg / 113 kg	97 kg / 121 kg
Dimensions device / with package (LxWxH)		980 x 620 x 1000 mm / 1050 x 760 x 1180 mm	1020 x 620 x 1000 mm / 1050 x 760 x 1180 mm
<p>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, 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</p>			
Art. No.		552001	552002

High pressure cleaner

Cold water, mobile - series 4x4

KD1840



Type		KD1840-Premium
Voltage	3/400-415V/ 50Hz	<ul style="list-style-type: none"> ▶ Hose-Reel ▶ 15m HP-Hose DN10 - 315bar ▶ Trigger-Gun with swivel ▶ 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. water reg. ▶ Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-120bar/ 3-12MPa	
Max. pressure	140bar/ 14MPa	
Discharge capacity	300 - 1.800l/h	
Nozzle size	150	
Max. Inlet temperature	45°C	
Pump speed	1400rpm	
Connected load	7,4kW / 13,1A	
Electrical protection	3x16A slow-blowing	
Weight net / with package	105 kg / 129 kg	
Dimensions device / with package (LxWxH)	1020 x 620 x 1000 mm / 1050 x 760 x 1180 mm	
<p>Self-supporting, robust, rotation-moulded device-chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, 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</p>		
Art. No.	563002	

High pressure cleaner

Cold water, mobile - series 4x4

KD1540



Type		KD1540-Premium
Voltage	3/400-415V/ 50Hz	<ul style="list-style-type: none"> ▶ Hose-Reel ▶ 15m 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 ▶ 17l Water-Storage tank ▶ Water-Supply separation acc. water reg. ▶ Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-280bar/ 3-28MPa	
Max. pressure	310bar/ 31MPa	
Discharge capacity	300 - 1.500l/h	
Nozzle size	070	
Max. Inlet temperature	45°C	
Pump speed	1400rpm	
Connected load	13,8kW / 24A	
Electrical protection	3x32A slow-blowing	
Weight net / with package		
Dimensions device / with package (LxWxH)		1020 x 620 x 1000 mm / 1050 x 760 x 1180 mm
<p>Self-supporting, robust, rotation-moulded device-chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, 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</p>		
Art. No.	553002	

High pressure cleaner

Cold water, mobile - series 4x4

KD2040

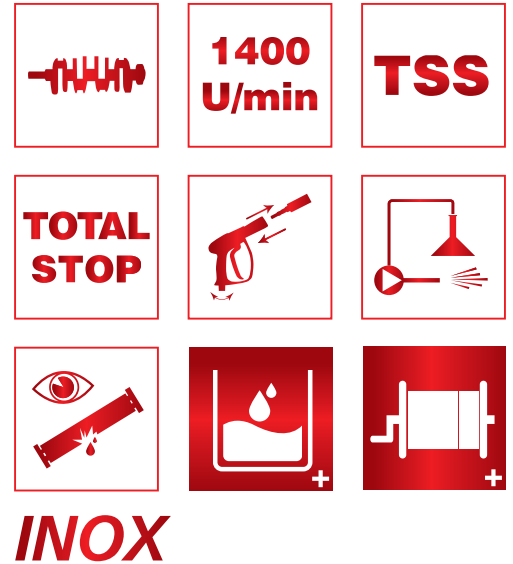


Type		KD2040-Premium
Voltage	3/400-415V/ 50Hz	<ul style="list-style-type: none"> ▶ Hose-Reel ▶ 15m HP-Hose DN10 - 315bar ▶ Trigger-Gun with swivel ▶ Spray-Lance 900mm c/w Nozzle- Protection ▶ Stainless-Steel Jet-Nozzle 25° ▶ Spray-Lance 900mm c/w Rotary-Nozzle ▶ 17l Water-Storage tank ▶ Water-Supply separation acc. water reg. ▶ Chemical supply in high-pressure Jet c/w Metering-valve
Operating pressure	30-220bar/ 3-22MPa	
Max. pressure	240bar/ 24MPa	
Discharge capacity	300 - 1.800l/h	
Nozzle size	100	
Max. Inlet temperature	45°C	
Pump speed	1400rpm	
Connected load	13,8kW / 24A	
Electrical protection	3x32A slow-blowing	
Weight net / with package	131 kg / 155 kg	
Dimensions device / with package (LxWxH)	1020 x 620 x 1000 mm / 1050 x 760 x 1180 mm	
<p>Self-supporting, robust, rotation-moulded device-chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, 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</p>		
Art. No.	554002	

High pressure cleaner

Cold water, mobile - series 4x4

KD1140 - with stainless steel pump, hot water resistant

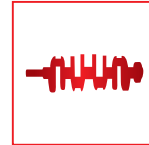


Type	KD1140-F-Standard		KD1140-F-Premium	
Voltage	3/400-415V/ 50Hz		▶ Hose-Reel	
Operating pressure	30-180bar / 3-18MPa		▶ 15m HP-Hose DN08 - 315bar blue	
Max. pressure	200bar / 20 Mpa		▶ Trigger-Gun with swivel	
Discharge capacity	300 - 1.000l/h		▶ Double Spray-Lance 900mm c/w Nozzle-Protection	
Nozzle size	055		▶ Stainless-Steel Jet-Nozzle 25°	
Max. Inlet temperature	80°C		▶ 25l Cleaning-Detergent tank	
Pump speed	1400rpm		▶ Detergent-Supply c/w Low-Pressure Injector and metering-valve	
Connected load	6,9kW / 12,5A		▶ Stainless-Steel Jet-Nozzle 25°	
Electrical protection	3x16A slow-blowing		▶ Spray-Lance 900mm c/w Rotary-Nozzle	
Weight net / with package	89 kg / 113kg		▶ 17l Water-Storage tank	
Dimensions device / with package (LxWxH)	980 x 620 x 1000 mm / 1050 x 760 x 1180 mm		▶ Water-Supply separation acc. water reg.	
			▶ Chemical supply in high-pressure Jet c/w Metering-valve	
			▶ 97 kg / 121 kg	
			▶ 1020 x 620 x 1000 mm / 1050 x 760 x 1180 mm	
<p>Food appliance 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</p>				
Art. No.	551003		551004	

High pressure cleaner

Cold water, mobile, petrol operated - series KDB

KDB940



**3400
U/min**

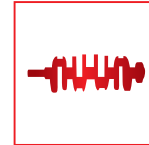


Type		KDB940-Standard
Engine	Gasoline	<ul style="list-style-type: none"> ▶ 10m HP-Hose DN08 - 315bar ▶ Trigger-Gun with swivel ▶ Spray-Lance 900mm c/w Vario- Nozzle ▶ Stainless-Steel Jet-Nozzle 25° ▶ Detergent-Supply c/w Low-Pressure Injector and metering-valve
Operating pressure	30-150bar/ 3-15MPa	
Max. pressure	170bar/ 17MPa	
Discharge capacity	300 - 750l/h	
Nozzle size	043	
Max. Inlet temperature	45°C	
Pump speed	3400rpm	
Connected load	5,5h.p. Honda	
Electric-Starter	n/a.	
Weight net / with package		39,1 kg / 34,7 kg
Dimensions device / with package (LxWxH)		520x690x550 mm/ 771x458x926 mm
<p>Robust, corrosion-resistant, self-supporting device chassis made of robust steel pipe galvanized and powder-coated, trip-lex-piston pump with brass pump head, high-performance ceramic piston, stainless-steel valves, 2-fold safety system, unloader safety-valve c/w Infinitely variable pressure and quantity regulation and safety-valve, 2, large rubber-pneumatic tires for rough terrain with rubber stand, external detergent supply</p>		
Art. No.		101940

High pressure cleaner

Cold water, mobile, petrol operated - series KDB

KDB1240



**1400
U/min**

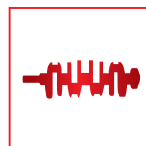


Type		KDB1240-Standard	KDB1240-Premium
Engine	Gasoline	<ul style="list-style-type: none"> ▶ 10m HP-Hose DN08 - 315bar ▶ Trigger-Gun with swivel ▶ Spray-Lance 900mm c/w Vario- Nozzle ▶ Stainless-Steel Jet-Nozzle 25° ▶ Detergent-Supply c/w Low-Pressure Injector and metering-valve 	<ul style="list-style-type: none"> ▶ 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		94 kg / 107 kg	102 kg / 115 kg
Dimensions device / with package (LxWxH)		1000 x 740 x 770 mm / 1200 x 800 x 900 mm	1000 x 740 x 970 mm / 1200 x 800 x 1250 mm
<p>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, external detergent supply</p>			
Art. No./ Retail price plus VAT		168001	168002
Art. No. device with electric-starter/ Retail price plus VAT		169001	169002

High pressure cleaner

Cold water, mobile, petrol operated - series KDB / KDD

KDB1540



**1400
U/min**

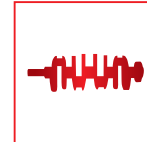


Type		KDB1540-Standard	KDB1540-Premium
Engine	Gasoline	<ul style="list-style-type: none"> ▶ 10m HP-Hose DN08 - 315bar ▶ Trigger-Gun with swivel ▶ Spray-Lance 900mm c/w Vario- Nozzle ▶ Stainless-Steel Jet-Nozzle 25° ▶ Detergent-Supply c/w Low-Pressure Injector and metering-valve 	<ul style="list-style-type: none"> ▶ 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	034		
Max. Inlet temperature	45°C		
Pump speed	1400rpm		
Connected load	18h.p. B&S 2-Cylinder		
Electric-Starter	Option		
Weight net / with package		96 kg / 103 kg	111 kg / 124 kg
Dimensions device / with package (LxWxH)		1000 x 740 x 770 mm / 1200 x 800 x 900 mm	1000 x 740 x 970 mm / 1200 x 800 x 1250 mm
<p>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, nickel plated, 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, external detergent supply</p>			
Art. No./ Retail price plus VAT		170001	170002
Art. No. device with electric-starter/ Retail price plus VAT		171001	171002

High pressure cleaner

Cold water, mobile, petrol operated - series KDB / KDD

KDD1240



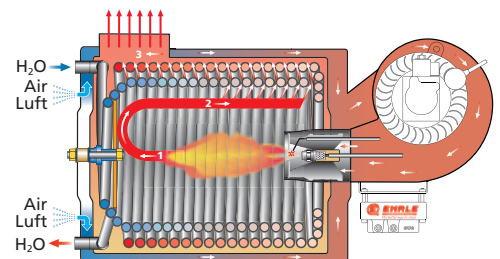
**1400
U/min**



Type		KDD1240-Standard	KDD1240-Premium
Engine	Diesel	<ul style="list-style-type: none"> ▶ 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 	<ul style="list-style-type: none"> ▶ 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			
Dimensions device / with package (LxWxH)		1000 x 740 x 770 mm / 1200 x 800 x 900 mm	1000 x 740 x 970 mm / 1200 x 800 x 1250 mm
<p>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, external detergent supply</p>			
Art. No.		174001	174002

High pressure cleaner

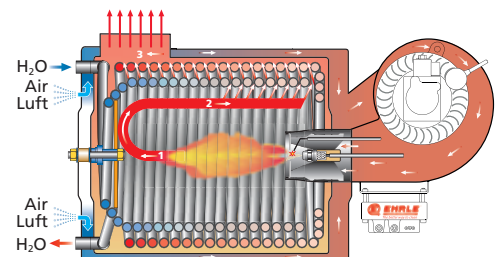
Hot water, mobile, oil heated - series Etronic I
 HD623



Type	HD623-Standard		HD623-Premium	
Voltage	1/ 230V / 50Hz		Etronic I - Controls	
Operating pressure	30-160bar/ 3-16MPa		▶ 10m HP-Hose DN08 - 315bar	
Max. pressure	180bar/ 18MPa		▶ Trigger-Gun with swivel	
Discharge capacity	300 - 600l/h		▶ Spray-Lance 900mm c/w Nozzle- Protection	
Nozzle size	034		▶ Stainless-Steel Jet-Nozzle 25°	
Hot water capacity	30 - 98°C		▶ Water-Supply separation acc. water reg.	
Pump speed	1400rpm		▶ Chemical supply in high-pressure Jet c/w Metering-valve	
Connected load	3,1kW / 15,1A		▶ Etronic I - Controls	
Electrical protection	16A slow-blowing		▶ Hose-Reel	
Weight net / with package	149 kg / 170 kg		▶ 20m HP-Hose DN08 - 315bar	
Dimensions device / with package (LxWxH)	1070 x 735 x 1020 mm / 1160 x 770 x 960 mm		▶ 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. water reg.	
			▶ Chemical supply in high-pressure Jet c/w Metering-valve	
			▶ 158 kg / 179 kg	
			1070 x 735 x 1310 mm / 1160 x 770 x 1350 mm	
<p>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</p>				
Art. No.	497001		497002	

High pressure cleaner

Hot water, mobile, oil heated - series Etronic I
 HD 640

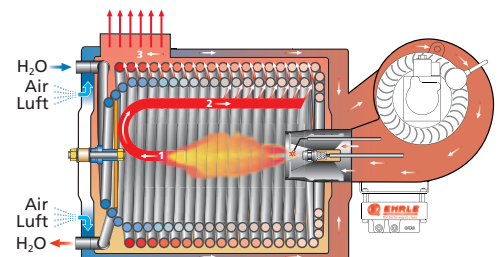


Type	HD640-Standard		HD640-Premium	
Voltage	3/400-415V/ 50Hz		▶ Etronic I - Controls	
Operating pressure	30-180bar/ 3-18MPa		▶ 10m HP-Hose DN08 - 315bar	
Max. pressure	200bar/ 20MPa		▶ Trigger-Gun with swivel	
Discharge capacity	300 - 600l/h		▶ Spray-Lance 900mm c/w Nozzle- Protection	
Nozzle size	034		▶ Stainless-Steel Jet-Nozzle 25°	
Hot water capacity	30 - 98°C		▶ Water-Supply separation acc. water reg.	
Pump speed	1400rpm		▶ Chemical supply in high-pressure Jet c/w Metering-valve	
Connected load	4,6kW / 8,0A		▶ Etronic I - Controls	
Electrical protection	3x16A slow-blowing		▶ Hose-Reel	
Weight net / with package	157 kg / 178 kg		▶ 20m HP-Hose DN08 - 315bar	
Dimensions device / with package (LxWxH)	1070 x 735 x 1020 mm / 1160 x 770 x 960 mm		▶ 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. water reg.	
			▶ Chemical supply in high-pressure Jet c/w Metering-valve	
			▶ 20l Diesel-Tank	
			▶ 20l Detergent-Tank	
			▶ 7,5m Connection-Cable	
			▶ Removable Ergonomic Drawbar	
Art. No.	412001		412002	

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

High pressure cleaner

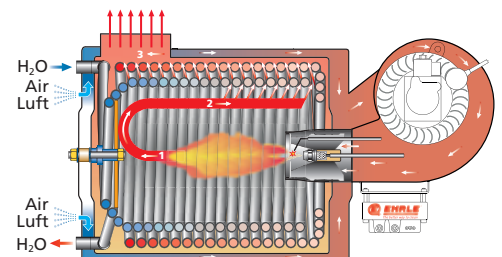
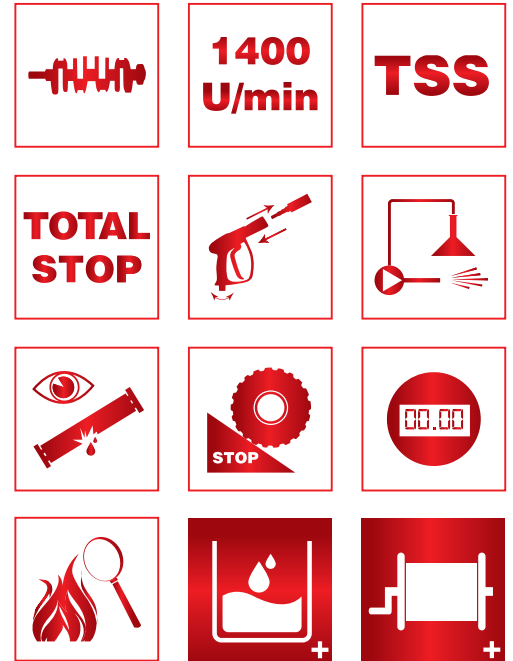
Hot water, mobile, oil heated - series Etronic II
 HD823



Type		HD823-Standard	HD823-Premium
Voltage	1/ 230V / 50Hz	▶ Etronic II - Controls	▶ Etronic II - Controls
Operating pressure	30-140bar/ 3-14MPa	▶ 10m HP-Hose DN08 - 315bar	▶ Hose-Reel
Max. pressure	165bar/ 16,5MPa	▶ Trigger-Gun with swivel	▶ 20m HP-Hose DN08 - 315bar
Discharge capacity	300 - 720l/h	▶ Spray-Lance 900mm c/w Nozzle- Protection	▶ Trigger-Gun with swivel
Nozzle size	045	▶ Stainless-Steel Jet-Nozzle 25°	▶ Spray-Lance 900mm c/w Nozzle- Protection
Hot water capacity	30 - 98°C (150°C)	▶ Water-Supply separation acc. water reg.	▶ Stainless-Steel Jet-Nozzle 25°
Pump speed	1400rpm	▶ Chemical supply in high-pressure Jet c/w Metering-valve	▶ Spray-Lance 900mm c/w Rotary-Nozzle
Connected load	3,4kW / 15A		▶ Water-Supply separation acc. water reg.
Electrical protection	16A slow-blowing		▶ Chemical supply in high-pressure Jet c/w Metering-valve
Weight net / with package		158 kg / 179 kg	167 kg / 188 kg
Dimensions device / with package (LxWxH)		1070 x 735 x 1020 mm / 1160 x 770 x 960 mm	1070 x 735 x 1310 mm / 1160 x 770 x 1350 mm
<p>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</p>			
Art. No.		496001	496002

High pressure cleaner

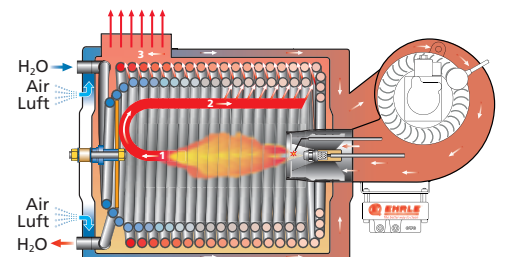
Hot water, mobile, oil heated - series Etronic II
 HD940



Type	HD940-Standard		HD940-Premium	
Voltage	3/400-415V/ 50Hz		▶ Etronic II - Controls	
Operating pressure	30-190bar/ 3-19MPa		▶ 10m HP-Hose DN08 - 315bar	
Max. pressure	210bar/ 21MPa		▶ Trigger-Gun with swivel	
Discharge capacity	300 - 840l/h		▶ Spray-Lance 900mm c/w Nozzle- Protection	
Nozzle size	045		▶ Stainless-Steel Jet-Nozzle 25°	
Hot water capacity	30 - 98°C (150°C)		▶ Water-Supply separation acc. water reg.	
Pump speed	1400rpm		▶ Chemical supply in high-pressure Jet c/w Metering-valve	
Connected load	5,4kW / 10,1A		▶ Etronic II - Controls	
Electrical protection	3x16A slow-blowing		▶ Hose-Reel	
Weight net / with package	159 kg / 180 kg		▶ 20m HP-Hose DN08 - 315bar	
Dimensions device / with package (LxWxH)	1070 x 735 x 1020 mm / 1160 x 770 x 960 mm		▶ 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. water reg.	
			▶ Chemical supply in high-pressure Jet c/w Metering-valve	
			▶ 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. water reg.	
			▶ Chemical supply in high-pressure Jet c/w Metering-valve	
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	

High pressure cleaner

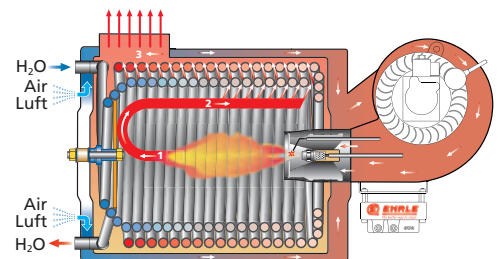
Hot water, mobile, oil heated - series Etronic II
 HD1140



Type		HD1140-Standard	HD1140-Premium
Voltage	3/400-415V/ 50Hz	<ul style="list-style-type: none"> Etronic II - Controls 	<ul style="list-style-type: none"> Etronic II - Controls
Operating pressure	30-230bar/ 3-23MPa	<ul style="list-style-type: none"> 10m HP-Hose DN08 - 315bar 	<ul style="list-style-type: none"> Hose-Reel
Max. pressure	250bar/ 25MPa	<ul style="list-style-type: none"> Trigger-Gun with swivel 	<ul style="list-style-type: none"> 20m HP-Hose DN08 - 315bar
Discharge capacity	300 - 1000l/h	<ul style="list-style-type: none"> Spray-Lance 900mm c/w Nozzle-Protection 	<ul style="list-style-type: none"> Trigger-Gun with swivel
Nozzle size	045	<ul style="list-style-type: none"> Stainless-Steel Jet-Nozzle 25° 	<ul style="list-style-type: none"> Spray-Lance 900mm c/w Nozzle- Protection
Hot water capacity	30 - 98°C (150°C)	<ul style="list-style-type: none"> Water-Supply separation acc. water reg. 	<ul style="list-style-type: none"> Stainless-Steel Jet-Nozzle 25°
Pump speed	1400rpm	<ul style="list-style-type: none"> Chemical supply in high-pressure Jet c/w Metering-valve 	<ul style="list-style-type: none"> Spray-Lance 900mm c/w Rotary-Nozzle
Connected load	7,6kW / 14,1A		<ul style="list-style-type: none"> Water-Supply separation acc. water reg.
Electrical protection	3x16A slow-blowing		<ul style="list-style-type: none"> Chemical supply in high-pressure Jet c/w Metering-valve
Weight net / with package		178 kg / 199 kg	187 kg / 208 kg
Dimensions device / with package (LxWxH)		1070 x 735 x 1020 mm / 1160 x 770 x 960 mm	1070 x 735 x 1310 mm / 1160 x 770 x 1350 mm
<p>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</p>			
Art. No.		410001	410002

High pressure cleaner

Hot water, mobile, oil heated - series Etronic II
 HD1240

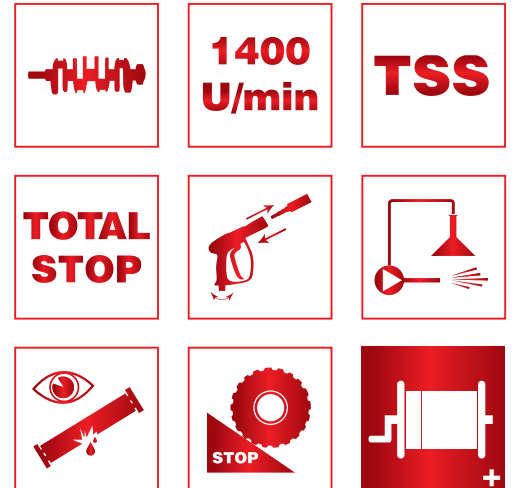


Type		HD1240-Standard	HD1240-Premium
Voltage	3/400-415V/ 50Hz	▶ Etronic II - Controls	▶ Etronic II - Controls
Operating pressure	30-160bar/ 3-16MPa	▶ 10m HP-Hose DN08 - 315bar	▶ Hose-Reel
Max. pressure	180bar/ 18MPa	▶ Trigger-Gun with swivel	▶ 20m HP-Hose DN08 - 315bar
Discharge capacity	300 - 1200l/h	▶ Spray-Lance 900mm c/w Nozzle- Protection	▶ Trigger-Gun with swivel
Nozzle size	070	▶ Stainless-Steel Jet-Nozzle 25°	▶ Spray-Lance 900mm c/w Nozzle- Protection
Hot water capacity	30 - 98°C (150°C)	▶ Water-Supply separation acc. water reg.	▶ Stainless-Steel Jet-Nozzle 25°
Pump speed	1400rpm	▶ Chemical supply in high-pressure Jet c/w Metering-valve	▶ Spray-Lance 900mm c/w Rotary-Nozzle
Connected load	7,6kW / 14,1A		▶ Water-Supply separation acc. water reg.
Electrical protection	3x16A slow-blowing		▶ Chemical supply in high-pressure Jet c/w Metering-valve
Weight net / with package		177 kg / 198 kg	186 kg / 207 kg
Dimensions device / with package (LxWxH)		1070 x 735 x 1020 mm / 1160 x 770 x 960 mm	1070 x 735 x 1310 mm / 1160 x 770 x 1350 mm
<p>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</p>			
Art. No.		411001	411002

High pressure cleaner

Hot water, mobile, electric heated - series HDE

HDE840 12 kW

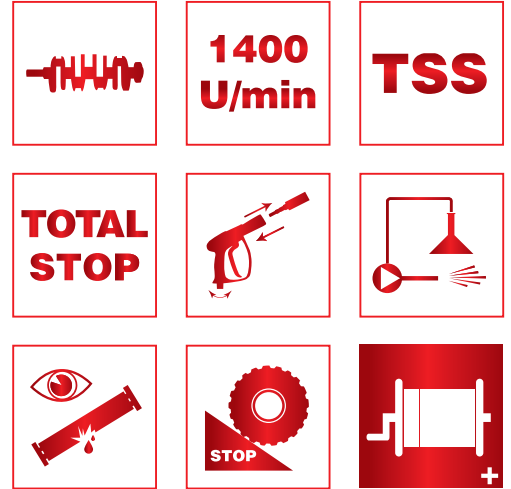


Type	<i>HDE840 12kW-Standard</i>		<i>HDE840 12kW-Premium</i>	
Voltage	3/400-415V/ 50Hz		▶ Etronic II - Controls	
Operating pressure	30-140bar/ 3-14MPa		▶ 10m HP-Hose DN08 - 315bar	
Max. pressure	160bar/ 16MPa		▶ Trigger-Gun with swivel	
Discharge capacity	300 - 720l/h		▶ Spray-Lance 900mm c/w Nozzle- Protection	
Nozzle size	045		▶ Stainless-Steel Jet-Nozzle 25°	
Heating capacity	12kW		▶ Water-Supply separation acc. water reg.	
Hot water capacity	30 - 80°C		▶ Chemical supply in high-pressure Jet c/w Metering-valve	
Pump speed	1400rpm		▶ Etronic II - Controls	
Connected load	16,8kW / 26,2A		▶ Hose-Reel	
Electrical protection	3x32A slow-blowing		▶ 20m HP-Hose DN08 - 315bar	
Weight net / with package	119 kg / 140 kg		▶ Trigger-Gun with swivel	
Dimensions device / with package (LxWxH)	1070 x 735 x 785 mm / 1160 x 770 x 960 mm		▶ Spray-Lance 900mm c/w Nozzle- Protection	
<p>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 II - 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</p>				
Art. No.	106001		106002	

High pressure cleaner

Hot water, mobile, electric heated - series HDE

HDE840 18 kW



Type	HDE840 18kW-Standard		HDE840 18kW-Premium	
Voltage	3/400-415V/ 50Hz		▶ Etronic II - Controls	
Operating pressure	30-140bar/ 3-14MPa		▶ 10m HP-Hose DN08 - 315bar	
Max. pressure	160bar/ 16MPa		▶ Trigger-Gun with swivel	
Discharge capacity	300 - 720l/h		▶ Spray-Lance 900mm c/w Nozzle- Protection	
Nozzle size	045		▶ Stainless-Steel Jet-Nozzle 25°	
Heating capacity	18kW		▶ Water-Supply separation acc. water reg.	
Hot water capacity	30 - 80°C		▶ Chemical supply in high-pressure Jet c/w Metering-valve	
Pump speed	1400rpm		▶ Etronic II - Controls	
Connected load	22,8kW / 35,2A		▶ Hose-Reel	
Electrical protection	3x50A slow-blowing		▶ 20m HP-Hose DN08 - 315bar	
Weight net / with package	121 kg / 142 kg		▶ Trigger-Gun with swivel	
Dimensions device / with package (LxWxH)	1070 x 735 x 785 mm / 1160 x 770 x 960 mm		▶ Spray-Lance 900mm c/w Nozzle- Protection	
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 II - 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

Hot water, mobile, electric heated - series HDE

HDE840 24kW

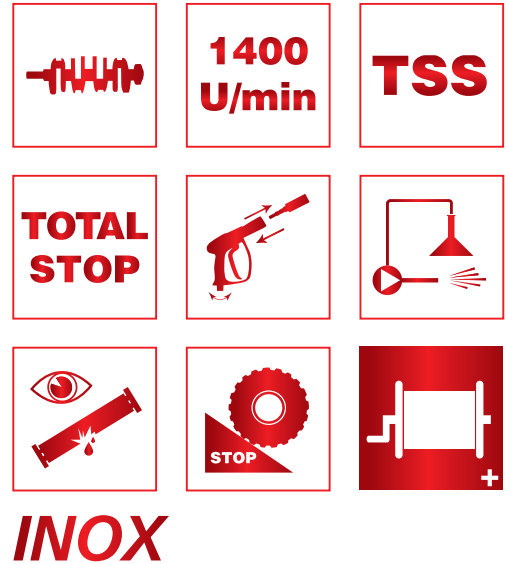


Type	<i>HDE840 24kW-Standard</i>		<i>HDE840 24kW-Premium</i>	
Voltage	3/400-415V/ 50Hz		▶ Etronic II - Controls	
Operating pressure	30-140bar/ 3-14MPa		▶ Hose-Reel	
Max. pressure	160bar/ 16MPa		▶ 20m HP-Hose DN08 - 315bar	
Discharge capacity	300 - 720l/h		▶ Trigger-Gun with swivel	
Nozzle size	045		▶ Spray-Lance 900mm c/w Nozzle- Protection	
Heating capacity	24kW		▶ Stainless-Steel Jet-Nozzle 25°	
Hot water capacity	30 - 80°C		▶ Water-Supply separation acc. water reg.	
Pump speed	1400rpm		▶ Chemical supply in high-pressure Jet c/w Metering-valve	
Connected load	28,8kW / 44A		▶ Stainless-Steel Jet-Nozzle 25°	
Electrical protection	3x50A slow-blowing		▶ Spray-Lance 900mm c/w Rotary-Nozzle	
Weight net / with package	124 kg / 145 kg		▶ Water-Supply separation acc. water reg.	
Dimensions device / with package (LxWxH)	1070 x 735 x 785 mm / 1160 x 770 x 960 mm		▶ Chemical supply in high-pressure Jet c/w Metering-valve	
<p>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 II - 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</p>				
Art. No.	108001		108002	

High pressure cleaner

Hot water, mobile, electric heated - series HDE

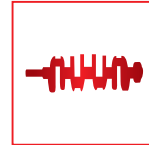
HDE840-F 24 kW – food version, hot water resistant



Gerätetyp		HDE840-F 24kW-Standard	HDE840-F 24kW-Premium
Voltage	3/400-415V/ 50Hz	<ul style="list-style-type: none"> ▶ Etronic II - 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 	<ul style="list-style-type: none"> ▶ Etronic II - 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. water reg. ▶ 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	1400U/min		
Connected load	28,8kW / 44A		
Electrical protection	3x50A träge		
Weight net / with package		124 kg / 145 kg	133 kg / 154 kg
Dimensions device / with package (LxWxH)		1070 x 735 x 785 mm / 1160 x 770 x 960 mm	1070 x 735 x 1310 mm / 1160 x 770 x 1350 mm
<p>Food appliance 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, 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 II - 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</p>			
Artikel-Nr.		108003	108004

High pressure cleaner

Hot water, mobile, oil heated wih engine
 series HDB - HDB1240



**1400
U/min**



Type		HDB1240-Standard	HDB1240-Premium
Engine	Gasoline	▶ 10m HP-Hose DN08 - 315bar	▶ Hose-Reel
Operating pressure	30-180bar/ 3-18MPa	▶ Trigger-Gun with swivel	▶ 20m HP-Hose DN08 - 315bar
Max. pressure	200bar/ 20MPa	▶ Spray-Lance 900mm c/w Nozzle- Protection	▶ Trigger-Gun with swivel
Discharge capacity	300 - 1000l/h	▶ Stainless-Steel Jet-Nozzle 25°	▶ Spray-Lance 900mm c/w Nozzle- Protection
Nozzle size	050	▶ Water-Supply separation acc. water reg.	▶ Stainless-Steel Jet-Nozzle 25°
Hot water heating	30 - 98°C	▶ Chemical supply in high-pressure Jet c/w Metering-valve	▶ Spray-Lance 900mm c/w Rotary-Nozzle
Pump speed	1400rpm		▶ Water-Supply separation acc. water reg.
Connected load	13h.p. Gasoline Honda		▶ Chemical supply in high-pressure Jet c/w Metering-valve
Electric-Starter	Option		
Weight net / with package		216 kg / 229 kg	224 kg / 237 kg
Dimensions device / with package (LxWxH)		1200 x 800 x 800 mm / 1210 x 810 x 960 mm	1200 x 800 x 800 mm / 1210 x 810 x 1350 mm
<p>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</p>			
Art. No.		138001	138002
Art. No. device with electric-starter		139001	139002

High pressure cleaner

Hot water, mobile, oil heated wih engine
series HDB - HDB1540



Type		HDB1540-Standard	HDB1540-Premium
Engine	Gasoline	▶ 10m HP-Hose DN08 - 315bar	▶ Hose-Reel
Operating pressure	30-280bar/ 3-28MPa	▶ Trigger-Gun with swivel	▶ 20m HP-Hose DN08 - 315bar
Max. pressure	300bar/ 30MPa	▶ Spray-Lance 900mm c/w Nozzle- Protection	▶ Trigger-Gun with swivel
Discharge capacity	300 - 1000l/h	▶ Stainless-Steel Jet-Nozzle 25°	▶ Spray-Lance 900mm c/w Nozzle- Protection
Nozzle size	034	▶ Water-Supply separation acc. water reg.	▶ Stainless-Steel Jet-Nozzle 25°
Hot water heating	30 - 98°C	▶ Chemical supply in high-pressure Jet c/w Metering-valve	▶ Spray-Lance 900mm c/w Rotary-Nozzle
Pump speed	1400rpm		▶ Water-Supply separation acc. water reg.
Connected load	18h.p. B&S		▶ Chemical supply in high-pressure Jet c/w Metering-valve
Electric-Starter	Option		
Weight net / with package		206 kg / 234 kg	215 kg / 243 kg
Dimensions device / with package (LxWxH)		1200 x 800 x 800 mm / 1210 x 810 x 960 mm	1200 x 800 x 800 mm / 1210 x 810 x 1350 mm
<p>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</p>			
Art. No.		164001	164002
Art. No. device with electric-starter		165001	165002€

High pressure cleaner

Hot water, mobile, oil heated wih engine
series HDB - HDD1240

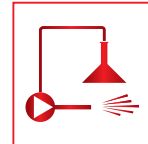
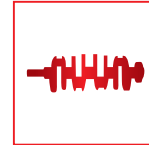


Type		HDD1240-Standard	HDD1240-Premium
Engine	Diesel	<ul style="list-style-type: none"> ▶ 10m HP-Hose DN08 - 315bar ▶ Trigger-Gun with swivel ▶ Spray-Lance 900mm c/w Nozzle- Protection ▶ Stainless-Steel Jet-Nozzle 25° ▶ Water-Supply separation acc. water reg. ▶ Chemical supply in high-pressure Jet c/w Metering-valve ▶ With electric-starter 	<ul style="list-style-type: none"> ▶ 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. water reg. ▶ 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		
Hot water heating	30 - 98°C		
Pump speed	1400rpm		
Connected load	10h.p. Diesel Yanmar		
Electric-Starter	Starter-Generartor		
Weight net / with package		238 kg / 251 kg	246 kg / 259 kg
Dimensions device / with package (LxWxH)		1200 x 800 x 735 mm / 1210 x 810 x 1160 mm	1200 x 800 x 1005 mm / 1210 x 810 x 1350 mm
<p>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</p>			
Art. No.		158001	158002

High pressure cleaner

Cold water, stationary - series KS

KS823 - hot water resistant



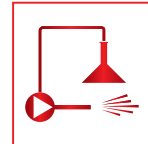
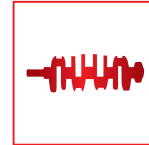
INOX

Type		KS823	KS823-INOX
Voltage	1/ 230V / 50Hz	<ul style="list-style-type: none"> ▶ 10m HP-Hose DN08 - 315bar 	<ul style="list-style-type: none"> ▶ Stainless Steel (Food-Safe)
Operating pressure	30-120bar/ 3-12MPa	<ul style="list-style-type: none"> ▶ Trigger-Gun with swivel 	<ul style="list-style-type: none"> ▶ 10m HP-Hose DN08 - 315bar
Max. pressure	140bar/ 14MPa	<ul style="list-style-type: none"> ▶ Spray-Lance 900mm c/w Nozzle- Protection 	<ul style="list-style-type: none"> ▶ Trigger-Gun with swivel
Discharge capacity	300 - 720l/h	<ul style="list-style-type: none"> ▶ Stainless-Steel Jet-Nozzle 25° 	<ul style="list-style-type: none"> ▶ Spray-Lance 900mm c/w Nozzle- Protection
Nozzle size	050	<ul style="list-style-type: none"> ▶ 4l Water-Storage tank 	<ul style="list-style-type: none"> ▶ Stainless-Steel Jet-Nozzle 25°
Max. Inlet temperature	80°C	<ul style="list-style-type: none"> ▶ Water-Supply separation acc. water reg. 	<ul style="list-style-type: none"> ▶ 4l Water-Storage tank
Pump speed	1400rpm	<ul style="list-style-type: none"> ▶ Chemical supply in high-pressure Jet c/w Metering-valve 	<ul style="list-style-type: none"> ▶ Water-Supply separation acc. water reg.
Connected load	2,6kW / 12,8A		<ul style="list-style-type: none"> ▶ Chemical supply in high-pressure Jet c/w Metering-valve
Electrical protection	16A träge		
Weight net / with package		102 kg/ 116 kg	102 kg/ 116 kg
Dimensions device / with package (LxWxH)		780 x 510 x 540 mm / 1200 x 800 x 700 mm	780 x 510 x 540 mm / 1200 x 800 x 700 mm
<p>Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainless-steel), wall-bracket, drawable technic-tablar on telescopic rails, 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</p>			
Art. No.		157	157000

High pressure cleaner

Cold water, stationary - series KS

KS1140 - hot water resistant



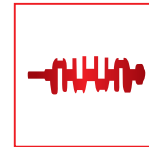
INOX

Type	KS1140		KS1140-INOX	
Voltage	3/400-415V/ 50Hz	▶ 10m HP-Hose DN08 - 315bar	▶ Stainless Steel (Food-Safe)	
Operating pressure	30-180bar/ 3-18MPa	▶ Trigger-Gun with swivel	▶ 10m HP-Hose DN08 - 315bar	
Max. pressure	200bar/ 20MPa	▶ Spray-Lance 900mm c/w Nozzle- Protection	▶ Trigger-Gun with swivel	
Discharge capacity	300 - 1000l/h	▶ Stainless-Steel Jet-Nozzle 25°	▶ Spray-Lance 900mm c/w Nozzle- Protection	
Nozzle size	055	▶ 4l Water-Storage tank	▶ Stainless-Steel Jet-Nozzle 25°	
Max. Inlet temperature	80°C	▶ Water-Supply separation acc. water reg.	▶ 4l Water-Storage tank	
Pump speed	1400rpm	▶ Chemical supply in high-pressure Jet c/w Metering-valve	▶ Water-Supply separation acc. water reg.	
Connected load	6,5kW / 11,7A		▶ Chemical supply in high-pressure Jet c/w Metering-valve	
Electrical protection	3x16A slow-blowing			
Weight net / with package		112 kg / 126 kg		112 kg / 126 kg
Dimensions device / with package (LxWxH)		780 x 510 x 540 mm / 1200 x 800 x 700 mm		780 x 510 x 540 mm / 1200 x 800 x 700 mm
<p>Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainless-steel), wall-bracket, drawable technic-tablar on telescopic rails, 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</p>				
Art. No.		155		155000

High pressure cleaner

Cold water, stationary - series KSM

KSM1840 – hot water resistant



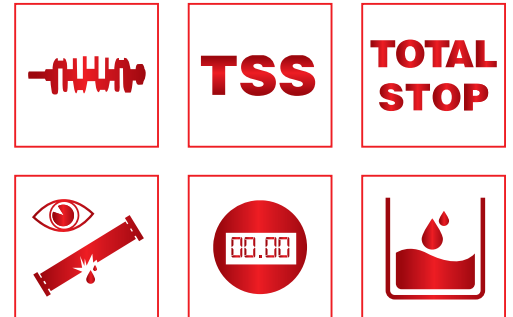
INOX

Type	KSM1840	KSM1840-INOX
Voltage	3/400-415V/ 50Hz	▶ Stainless Steel (Food-Safe)
Operating pressure	30-180bar/ 3-18MPa	▶ 7" Touch-Screen Monitor
Max. pressure	200bar/ 20MPa	▶ PLC Controls Siemens S7-1200
Discharge capacity	900 - 1800l/h	▶ Automatic Switch On and Off Control for high-pressure pumps
Nozzle size	2 x 050	▶ Automatic Stand-By Operation
Max. Inlet temperature	80°C	▶ Pressureless pipes in Stand-By
Pump speed	1400rpm	▶ Booster-Supply-Pump
Connected load	14,0kW /25,5A	▶ 60l Water-Storage tank
Electrical protection	3x32A slow-blowing	▶ Water-Supply separation acc. water reg.
		▶ Maintenance interval display
Weight net / with package	493 kg/ –	493kg/ –
Dimensions device / with package (LxWxH)	1130 x 800 x 2090 mm / 1290 x 1040 x 2100 mm	1130 x 800 x 2090 mm / 1290 x 1040 x 2100 mm
<p>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</p>		
Art. No.	1561	156101

High pressure cleaner

Cold water, stationary - series KSM

KSM2740 – hot water resistant



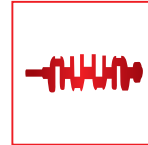
INOX

Type			KSM2740	KSM2740-INOX
Voltage	3/400-415V/ 50Hz		<ul style="list-style-type: none"> ▶ 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. water reg. ▶ Maintenance interval display 	<ul style="list-style-type: none"> ▶ 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. water reg. ▶ Maintenance interval display
Operating pressure	30-180bar/ 3-18MPa			
Max. pressure	200bar/ 20MPa			
Discharge capacity	900 - 2700l/h			
Nozzle size	3 x 050			
Max. Inlet temperature	80°C			
Pump speed	1400rpm			
Connected load	21,0kW /38A			
Electrical protection	3x50A slow-blowing			
Weight net / with package		–		–
Dimensions device / with package (LxWxH)		1130x800x2090 mm/ 1290 x 1040 x 2100 mm		1130x800x2090 mm/ 1290 x 1040 x 2100 mm
<p>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</p>				
Art. No.		1562		156201

High pressure cleaner

Cold water, stationary - series KSM

KSM3640 – hot water resistant



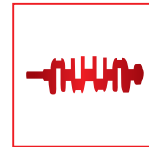
INOX

Type	KSM3640	KSM3640-INOX
Voltage	3/400-415V/ 50Hz	▶ Stainless Steel (Food-Safe)
Operating pressure	30-180bar/ 3-18MPa	▶ 7" Touch-Screen Monitor
Max. pressure	200bar/ 20MPa	▶ PLC Controls Siemens S7-1200
Discharge capacity	900 - 3600l/h	▶ Automatic Switch On and Off Control for high-pressure pumps
Nozzle size	4 x 050	▶ Automatic Stand-By Operation
Max. Inlet temperature	80°C	▶ Pressureless pipes in Stand-By
Pump speed	1400rpm	▶ Booster-Supply-Pump
Connected load	27,0kW /50A	▶ 60l Water-Storage tank
Electrical protection	3x63A slow-blowing	▶ Water-Supply separation acc. water reg.
Weight net / with package	–	▶ Maintenance interval display
Dimensions device / with package (LxWxH)	2130 x 800 x 2090 mm / –	▶ Water-Supply separation acc. water reg.
		▶ Maintenance interval display
<p>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</p>		
Art. No.	1563	156300

High pressure cleaner

Cold water, stationary - series KSM

KSM4540 – hot water resistant



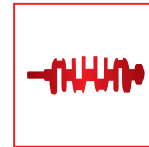
INOX

Type		KSM4540	KSM4540-INOX
Voltage	3/400-415V/ 50Hz	<ul style="list-style-type: none"> ▶ 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. water reg. ▶ Maintenance interval display 	<ul style="list-style-type: none"> ▶ 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. water reg. ▶ Maintenance interval display
Operating pressure	30-180bar/ 3-18MPa		
Max. pressure	200bar/ 20MPa		
Discharge capacity	900 - 4500l/h		
Nozzle size	5 x 050		
Max. Inlet temperature	80°C		
Pump speed	1400rpm		
Connected load	33,5kW /60,5A		
Electrical protection	3x80A slow-blowing		
Weight net / with package		–	–
Dimensions device / with package (LxWxH)		2130 x 800 x 2090 mm /–	2130 x 800 x 2090 mm /–
<p>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</p>			
Art. No.		1564	156400

High pressure cleaner

Cold water, stationary - series KSM

KSM5440 – hot water resistant



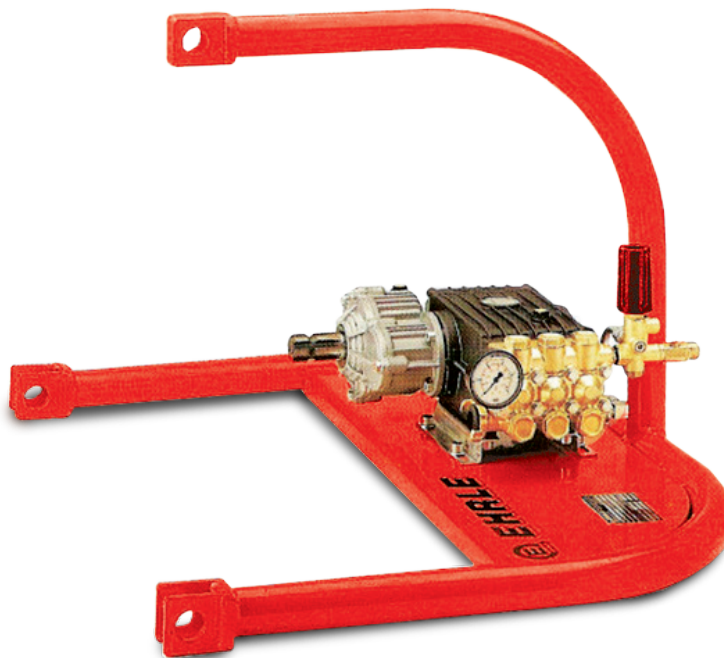
INOX

Type	KSM5440	KSM5440-INOX
Voltage	3/400-415V/ 50Hz	▶ Stainless Steel (Food-Safe)
Operating pressure	30-180bar/ 3-18MPa	▶ 7" Touch-Screen Monitor
Max. pressure	200bar/ 20MPa	▶ PLC Controls Siemens S7-1200
Discharge capacity	900 - 5400l/h	▶ Automatic Switch On and Off Control for high-pressure pumps
Nozzle size	6 x 050	▶ Automatic Stand-By Operation
Max. Inlet temperature	80°C	▶ Pressureless pipes in Stand-By
Pump speed	1400rpm	▶ Booster-Supply-Pump
Connected load	40,0kW /72,5A	▶ 60l Water-Storage tank
Electrical protection	3x80A slow-blowing	▶ Water-Supply separation acc. water reg.
Weight net / with package	–	▶ Maintenance interval display
Dimensions device / with package (LxWxH)	2130 x 800 x 2090 mm / –	▶ Water-Supply separation acc. water reg.
		▶ Maintenance interval display
<p>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</p>		
Art. No.	1565	156500

High pressure cleaner

Cold water, stationary - Series KW

KW1200

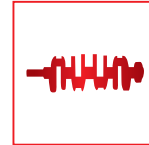


Type		KW1200 P.T.O. driven	KW1200 Hydraulic driven
Drive		P.T.O. Shaft: 525rpm - i: 1:1,9	Hydraulic Power: 36l/min @ 180bar
Power Consumption		6,5kW / 9hp	11kW / 15hp
Mounting / Connection		Plate Size 3 - P.T.O. 1 3/8"	2m DN16/BG3 - DN12/BG3
Operating pressure	30-180bar / 3-18MPa	<ul style="list-style-type: none"> ▶ 20m HP-Hose DN08 - 315bar ▶ Trigger-Gun with swivel ▶ Spray-Lance 900mm c/w Adjustable nozzle ▶ Stainless-Steel Jet-Nozzle 25° ▶ Spray-Lance 900mm c/w Rotary-Nozzle ▶ Detergent-Supply c/w Low-Pressure Injector and metering-valve 	<ul style="list-style-type: none"> ▶ 20m HP-Hose DN08 - 315bar ▶ Trigger-Gun with swivel ▶ Spray-Lance 900mm c/w Adjustable 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 - 1000l/h		
Nozzle size	050		
Max. Inlet temperature	45°C		
Pump speed	1000rpm		
Weight net / with package			
Dimensions device / with package (LxWxH)		-	-
<p>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> <p>P.T.O. gearbox for high-pressure pump size: 1 3/8" p.T.O.</p> <p>Hydraulic-drive: supply-line: DN12 c/w Coupling size GR3 - back-flow dn16 c/w Coupling size GR3 (pressureless)</p>			
Art. No.		201	204

High pressure cleaner

Cold water, motor pump unit - series MP

MP823 - hot water resistant

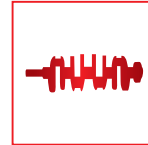


Type	MP823	Wall mounting	Wall mounting STR
Voltage	1/ 230V / 50Hz	▶ Delivery without Accessories	▶ Delivery without Accessories
Operating pressure	30-120bar/ 3-13MPa		
Max. pressure	140bar/ 14MPa		
Discharge capacity	300 - 720l/h		
Nozzle size	050		
Max. Inlet temperature	80°C		
Pump speed	1400rpm		
Connected load	2,9kW / 12,8A		
Electrical protection	16A träge		
Weight net / with package		-	-
Dimensions device / with package (LxWxH)	480x335x335 mm / 600x400x500 mm	-	-
<p>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</p>			
Art. No.	234667	2980331	2980332

High pressure cleaner

Cold water, motor pump unit - series MP

MP1140 - hot water resistant



Type	MP1140		Wall mounting	Wall mounting STR
Voltage	3/400-415V/ 50Hz	▶ Delivery without Accessories	▶ Delivery without Accessories	▶ 20m HP-Hose DN08 - 315bar ▶ Hose reel
Operating pressure	30-180bar/ 3-18MPa			
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-blowing			
Weight net / with package	54 kg / 63 kg	-	-	
Dimensions device / with package (LxWxH)	715x415x380 mm / 800x600x565 mm	-	-	
<p>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</p>				
Art. No.	234660	2980331	2980332	

High pressure cleaner

Hot water, stationary, oil heated - series HSC
HSC823

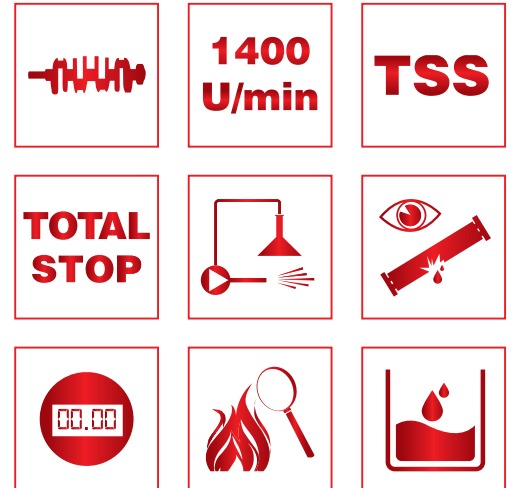


INOX

Type		HSC823	HSC823-INOX
Voltage	1/ 230V / 50Hz	<ul style="list-style-type: none"> ▶ Etronic II - Controls 	<ul style="list-style-type: none"> ▶ Stainless steel (food safe)
Operating pressure	30-140bar/ 3-14MPa	<ul style="list-style-type: none"> ▶ 10m HP-Hose DN08 - 315bar 	<ul style="list-style-type: none"> ▶ Etronic II - Controls
Max. pressure	150bar/ 15MPa	<ul style="list-style-type: none"> ▶ Trigger-Gun with swivel 	<ul style="list-style-type: none"> ▶ 10m HP-Hose DN08 - 315bar
Discharge capacity	300 - 720l/h	<ul style="list-style-type: none"> ▶ Spray-Lance 900mm c/w Nozzle- Protection 	<ul style="list-style-type: none"> ▶ Trigger-Gun with swivel
Nozzle size	045	<ul style="list-style-type: none"> ▶ Stainless-Steel Jet-Nozzle 25° 	<ul style="list-style-type: none"> ▶ Spray-Lance 900mm c/w Nozzle- Protection
Hot water capacity	30 - 98°C	<ul style="list-style-type: none"> ▶ Water-Supply separation acc. water reg. 	<ul style="list-style-type: none"> ▶ Stainless-Steel Jet-Nozzle 25°
Pump speed	1400rpm	<ul style="list-style-type: none"> ▶ Chemical supply in high-pressure Jet c/w Metering-valve 	<ul style="list-style-type: none"> ▶ Water-Supply separation acc. water reg.
Connected load	3,0kW / 13A		<ul style="list-style-type: none"> ▶ Chemical supply in high-pressure Jet c/w Metering-valve
Electrical protection	16A slow-blowing		
Weight net / with package		301 kg / 318 kg	300 kg / 317 kg
Dimensions device / with package (LxWxH)		1220 x 755 x 1625 mm / 1250 x 815 x 1755 mm	1220 x 755 x 1625 mm / 1250 x 815 x 1755 mm
<p>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 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) 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</p>			
Art. No.		52601	526010

High pressure cleaner

Hot water, stationary, oil heated - series HSC
 HSC1140

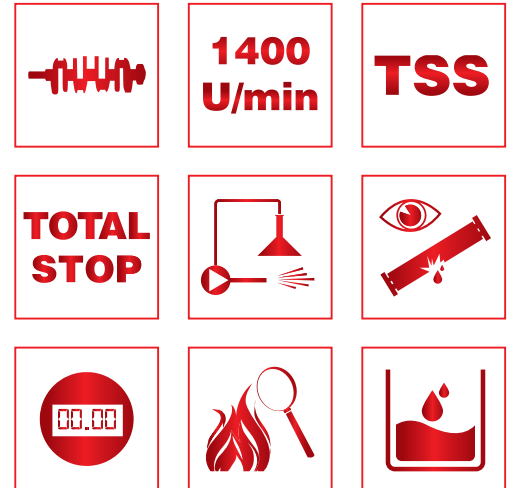


INOX

Type	HSC1140		HSC1140-INOX
Voltage	3/400-415V/ 50Hz		▶ Stainless steel (food safe)
Operating pressure	30-180bar/ 3-18MPa		▶ Etronic II - Controls
Max. pressure	200bar/ 20MPa		▶ 10m HP-Hose DN08 - 315bar
Discharge capacity	300 - 1000l/h		▶ Trigger-Gun with swivel
Nozzle size	055		▶ Spray-Lance 900mm c/w Nozzle- Protection
Hot water capacity	30 - 98°C		▶ Stainless-Steel Jet-Nozzle 25°
Pump speed	1400rpm		▶ Water-Supply separation acc. water reg.
Connected load	6,5kW / 11,7A		▶ Chemical supply in high-pressure Jet c/w Metering-valve
Electrical protection	3x16A slow-blowing		
Weight net / with package	301 kg / 318 kg		300 kg / 317 kg
Dimensions device / with package (LxWxH)	1220 x 755 x 1625 mm / 1250 x 815 x 1755 mm		1220 x 755 x 1625 mm / 1250 x 815 x 1755 mm
<p>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 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) 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</p>			
Art. No.	52702		527

High pressure cleaner

Hot water, stationary, oil heated - series HSC
 HSC1240



INOX

Type	HSC1240	HSC1240-INOX
Voltage	3/400-415V/ 50Hz	▶ Stainless steel (food safe)
Operating pressure	30-160bar/ 3-16MPa	▶ Etronic II - Controls
Max. pressure	180bar/ 18MPa	▶ 10m HP-Hose DN08 - 315bar
Discharge capacity	300 - 1200l/h	▶ Trigger-Gun with swivel
Nozzle size	070	▶ Spray-Lance 900mm c/w Nozzle- Protection
Hot water capacity	30 - 98°C	▶ Stainless-Steel Jet-Nozzle 25°
Pump speed	1400rpm	▶ Water-Supply separation acc. water reg.
Connected load	7,6kW / 14,1A	▶ Chemical supply in high-pressure Jet c/w Metering-valve
Electrical protection	3x16A slow-blowing	▶ Stainless-Steel Jet-Nozzle 25°
Weight net / with package	301 kg / 318 kg	▶ Water-Supply separation acc. water reg.
Dimensions device / with package (LxWxH)	1220 x 755 x 1625 mm / 1250 x 815 x 1755 mm	▶ Chemical supply in high-pressure Jet c/w Metering-valve
<p>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 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) 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</p>		
Art. No.	52801	528

High pressure cleaner

Hot water, stationary, electric heated - series HSC

HSC840-INOX 24kW



**1400
U/min**

TSS

**TOTAL
STOP**



INOX

Type		HSC840-INOX 24kW
Voltage	3/400-415V/ 50Hz	<ul style="list-style-type: none"> ▶ 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. water reg. ▶ 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-blowing	
Weight net / with package	264 kg / 281 kg	
Dimensions device / with package (LxWxH)	1220 x 755 x 1625 mm / 1250 x 815 x 1755 mm	
<p>Self-supporting, robust, device-chassis made out of stainless-steel, suitable for floor installation, 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 II - controls: (start-stop system with switch-off delay, stand-by system for heating, OPH-counter with service information, low-water cut-off), unloader safety-valve c/w Infinitely variable pressure and quantity regulation, seperate 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</p>		
Art. No.	531	

High pressure cleaner

Hot water, stationary, electric heated - series HSC

HSC1140-INOX 30kW



**1400
U/min**

TSS

**TOTAL
STOP**



INOX

Type		HSC-INOX 1140 30kW
Voltage	3/400-415V/ 50Hz	<ul style="list-style-type: none"> ▶ 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. water reg. ▶ 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	
Heating capacity	30kW	
Hot water capacity	30 - 80°C	
Pump speed	1400rpm	
Connected load	36,5kW / 57,0A	
Electrical protection	3x63A slow-blowing	
Weight net / with package		292 kg / 309 kg
Dimensions device / with package (LxWxH)		1220 x 755 x 1625 mm / 1250 x 815 x 1755 mm
<p>Self-supporting, robust, device-chassis made out of stainless-steel, suitable for floor installation, 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 II - controls: (start-stop system with switch-off delay, stand-by system for heating, OPH-counter with service information, low-water cut-off), unloader safety-valve c/w infinitely variable pressure and quantity regulation, 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</p>		
Art. No.		533

High pressure cleaner

Hot water, stationary, gas heating - series HSC

HSC1140-INOX Gas



INOX

Type		HSC-INOX1140 Gas
Voltage	3/400-415V/ 50Hz	<ul style="list-style-type: none"> ▶ 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. water reg. ▶ 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 träge	
Weight net / with package	313 kg / 330 kg	
Dimensions device / with package (LxWxH)	1220 x 755 x 1625 mm / 1250 x 815 x 1755 mm	
<p>Self-supporting, robust, device-chassis made out of stainless-steel, suitable for floor installation, 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 II - controls: (start-stop system with switch-off delay, stand-by system for heating, OPH-counter with service information, low-water cut-off), unloader safety-valve c/w infinitely variable pressure and quantity regulation, 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</p>		
Art. No.	52701	