

6

The better way to clean

HIGHPRESSURECLEANER VACUUM CLEANER ACCESSORIES





Cold water, mobile Series 1x1



Cold water, mobile Series 4x4



Cold water, mobile, gasoline powered Series KDD Cold water, mobile Series 3x3-Food

KDB940 Standard

Cold water, mobile

KD523 Standard

Series 2x2

KD523 Premium

Series KDB

Cold water, mobile, gasoline powered



KD940-F Standard

Cold water, mobile Series 3x3



Cold water, mobile, gasoline powered Series KDB



Cold water, mobile Series 4x4-Food





Hot water, mobile, oil heated Series Etronic l



Hot water, mobile, electric heated Series HDE



Hot water, mobile, electric heated Series HDE-Food



Hot water, mobile, oil heated

HD623 Standard

HD640 Standard

Series Etronic I

HD623 Premium

HD640 Premium

HDD1240 Premium

Shopwall

Hot water, mobile, oil heated Series Etronic II



Hot water, mobile, oil heated Series HDB



Accessories

Accessories Shopwall with devices





EHRLE Attributes

High Pressure Cleaner Characteristics



Triplex-Piston-Pump

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



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 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.



Information on recommended daily time of use.



Leckage Recognition In the event of leaking parts in the High-Pressure Cleaner, or any Gun or Hose leaking, the Unit shuts itself down.



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.



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



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.



(Option) Water-Break Tank

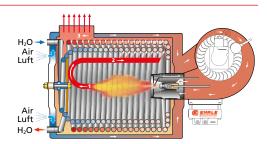


(Optional)

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.





Cold water, stationary

Series KS/KS-INOX



Cold water, stationary

Series KSM



Cold water, stationary

Series KSM



KSM1840 Standard KSM2740 Standard

Cold water, stationary Series KSM-INOX



Accessories

Quick coupling/Nozzle protection



Accessories Spray nozzle





Accessories Adjustable nozzle/Rotary nozzle



Accessories Spray nozzle/Waterinputfilter





Cold water, stationary Series KSM-INOX



KSM1840 INOX KSM2740 INOX

Hot water, stationary Series HSC/HSC-INOX



Accessories Rotary nozzle





Cold water, mobile/stationary - Series 1x1 KD223



Туре		KD223-Standard	
Voltage	1/N/PE/AC/50Hz/230V	▶ 10m HP-Hose DN06 - 250bar	
Operating pressure	30-120bar/3-12MPa	 Trigger-Gun with swivel 	
Max. pressure	140bar/14MPa	 Spray-Lance 900mm c/w vario nozzle Stainless-Steel Jet-Nozzle 25° 	
Discharge capacity	200-500l/h	 Detergent-Supply c/w Low-Pressure Injector and Metering-valve 	
Nozzle size	035		
Max. Inlet temperature	45°C		
Pump speed	2800rpm		
Connected load	2,5kW/10,0A		
Electrical protection	16A slow-blowing		
Weight net/with package		16,8kg/21kg	
Dimensions of product/w	ith package (LxWxH)	460x280x260mm/500x300x420mm	
ceramic piston, Stainless-S	Steel valves, Start-Stop	-cover made of ABS, Triplex-Piston pump with brass pump head, High-Performance system, Unloader Safety-Valve c/w infinitely variable pressure and quantity regulation, ck-change device for wall brackets and trolly, Rotary On-Off switch, 5,0m connection	
Art. No.		101223	



Cold water, mobile/stationary - Series 1x1 KD323



Туре		KD323-Standard		
Voltage	1/N/PE/AC/50Hz/230V	 10m HP-Hose DN06 - 250bar 		
Operating pressure	30-120bar/3-12MPa	 Trigger-Gun with swivel 		
Max. pressure	140bar/14MPa	 Spray-Lance 900mm c/w vario nozzle Stainless-Steel Jet-Nozzle 25° 		
Discharge capacity	250-600l/h	 Detergent-Supply c/w Low-Pressure Injector and Metering-valve 		
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		18,6kg/22,6kg		
Dimensions of product/with package (LxWxH)		460x280x260mm/500x300x420mm		
ceramic piston, Stainless-	Steel valves, Start-Stop	-cover made of ABS, Triplex-Piston pump with brass pump head, High-Performance system, Unloader Safety-Valve c/w infinitely variable pressure and quantity regulation, ck-change device for wall brackets and trolly, Rotary On-Off switch, 5,0m connection		



Cold water, mobile - Series 2x2 KD523



Туре		KD523-Standard	KD523-Premium
Voltage Operating pressure Max. pressure Discharge capacity Nozzle size Max. Inlet temperature Pump speed Connected load Electrical protection	1/N/PE/AC/50Hz/230V 30-130bar/3-13MPa 150bar/15MPa 300-600l/h 040 45°C 1400rpm 2,6kW/9,0A 16A slow-blowing	 10m HP-Hose DN06 - 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 	 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
Weight net/with package		34kg/38kg	36kg/40kg
Dimensions device/with package (LxWxH)		380x380x900mm/800x400x580mm	390x380x900mm/800x400x580mm
ceramic piston, Stainless-S	Steel valves, Start-Stop	-cover made of ABS, Triplex-Piston pump v system, Unloader Safety-Valve c/w infinitely sibility for all accessories, Robust On-Off s	 variable pressure and quantity regulation,
Art. No.		202523	212523



Cold water, mobile - Series 3x3 KD623





Туре		KD623-Standard	KD623-Premium
Voltage Operating pressure Max. pressure Discharge capacity Nozzle size Max. Inlet temperature Pump speed Connected load Electrical protection	1/N/PE/AC/50Hz/230V 30-160bar/3-16MPa 180bar/18MPa 300-600 l/h 035 45°C 1400rpm 2,9kW/14,2A 16A slow-blowing	 10m HP-Hose DN06 - 250bar 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 	 Hose-Reel 15m HP-Hose DN06 - 250bar 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
Weight net/with package		42kg/66kg	48kg/72kg
Dimensions device/with package (LxWxH)		805x485x950mm/1090x630x1040mm	805x485x950mm/1090x630x1040mm

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 switchoff 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.

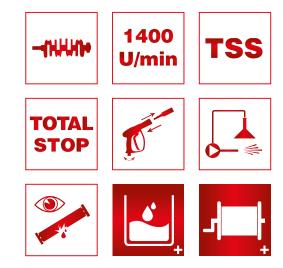
Art. No.

558002



Cold water, mobile - Series 3x3 KD823





Туре		KD823-Standard	KD823-Premium
Voltage Operating pressure Max. pressure Discharge capacity Nozzle size Max. Inlet temperature Pump speed	1/N/PE/AC/50Hz/230V 30-140bar/3-14MPa 165bar/16,5MPa 300-720I/h 045 45°C 1400rpm 2.2h4/(15.54	 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 	 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
Connected load	3,2kW/15,5A		c/w Metering-valve
Electrical protection	16A slow-blowing		
Weight net/with package		49kg/72kg	55kg/78kg
Dimensions device/with p	ackage (LxWxH)	805x485x950mm/1090x630x1040mm	805x485x950mm/1090x630x1040mm

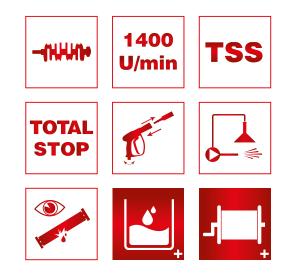
Self-supporting, robust, rotation-moulded device-chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, start-stop system with switchoff delay, total-switch-off after 20min, 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



Cold water, mobile - Series 3x3 KD940





Туре		KD940-Standard	KD940-Premium
Voltage	3/PE/AC/50Hz/400V	▶ 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 Spray-Lance 900mm c/w Nozzle- Protection
Discharge capacity	300-840l/h	 Valio-Nozzle Stainless-Steel Jet-Nozzle 25° 	 Splay-Laike Southing whozzle Protector Stainless-Steel Jet-Nozzle 25°
Nozzle size	045	► 15I Cleaning-Detergent tank	 Spray-Lance 900mm c/w Rotary-Nozzle
Max. Inlet temperature	45°C	 Detergent-Supply c/w Low-Pressure 	 17l Water-Storage tank
Pump speed	1400rpm	Injector and Metering-valve	 Water-Supply separation acc. water reg Chemical supply in high-pressure Jet
Connected load	5,2kW/9,1A		c/w Metering-valve
Electrical protection	3x16A slow-blowing		, 3
Weight net/with package		54kg/73kg	58kg/78kg
Dimensions device/with package (LxWxH)		805x485x950mm/1090x630x1040mm	805x485x950mm/1090x630x1040mm

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 switchoff 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



Cold water, mobile - Series 3x3 Food Version KD940-F - with stainless steel pump, hot water resistant



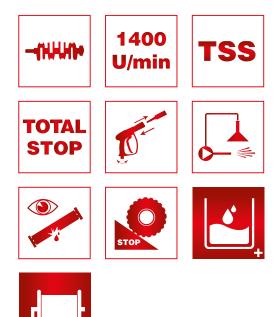
Туре		KD940-F-Standard	KD940-F-Premium
Voltage Operating pressure Max. pressure Discharge capacity Nozzle size Max. Inlet temperature Pump speed Connected load Electrical protection	3/PE/AC/50Hz/400V 30-130bar/3-13MPa 150bar/15MPa 300-840l/h 060 80°C 1400rpm 4,5kW/7A 3x16A slow-blowing	 10m HP-Hose DN08 - 315bar blue Trigger-Gun with swivel Double Spray-Lance 900 mm c/w Nozzle-Protection Stainless-Steel Jet-Nozzle 25° High and low pressure jet nozzle 25° 15l 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 900 mm c/w Nozzle-Protection Stainless-Steel Jet-Nozzle 25° High and low pressure jet nozzle 25° Soft Foam Kit with 2 I foam detergent tank 17l Water-Storage tank Water-Supply separation acc. water reg. Chemical supply in high-pressure Jet c/w Metering-valve
Weight net/with package		54kg/73kg	58kg/78kg
Dimensions device/with package (LxWxH)		805x485x950mm/1090x630x1040mm	805x485x950mm/1090x630x1040mm
		ressure hose blue, self-supporting, robust, -resistant device-cover made of ABS, triple:	

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 switchoff 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.



Cold water, mobile - Series 4x4 KD1140





 10m HP-Hose DN08 - 315bar Trigger-Gun with swivel 	► Hose-Reel
 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 	 20 m 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 35l Water-Storage tank Water-Supply separation acc. water reg. Chemical supply in high-pressure Jet c/w Metering-valve
kg/113kg	97kg/121kg
0x620x1000mm/1090x630x1120mm	980x620x1000mm/1090x630x1120mm
	Spray-Lance 900mm c/w Vario-Nozzle Stainless-Steel Jet-Nozzle 25° 25I Cleaning-Detergent tank Detergent-Supply c/w Low-Pressure Injector and Metering-valve

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 switchoff 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 a patented wheel brake 2-way, storage possibility for all accessories, robust rotary on-off switch, 7,5m connection cable, removable ergonomic drawbar.



Cold water, mobile - Series 4x4 KD1340





Туре		KD1340-Standard	KD1340-Premium
Voltage Operating pressure Max. pressure Discharge capacity Nozzle size Max. Inlet temperature Pump speed Connected load Electrical protection	3/PE/AC/50Hz/400V 30-170bar/3-17MPa 190bar/19MPa 300-1.300l/h 070 45°C 1400rpm 7,4kW/13,1A 3x16A slow-blowing	 10m HP-Hose DN08 - 315bar Trigger-Gun with swivel Spray-Lance 900mm c/w Vario-Nozzle Stainless-Steel Jet-Nozzle 25° 25I Cleaning-Detergent tank Detergent-Supply c/w Low-Pressure Injector and Metering-valve 	 Hose-Reel 20 m 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 351 Water-Storage tank Water-Supply separation acc. water reg. Chemical supply in high-pressure Jet c/w Metering-valve
Weight net/with package		89kg/113kg	97kg/121kg
Dimensions device/with package (LxWxH)		980x620x1000mm/1090x630x1120mm	980x620x1000mm/1090x630x1120mm

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 switchoff 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 a patented wheel brake 2-way, storage possibility for all accessories, robust rotary on-off switch, 7,5m connection cable, removable ergonomic drawbar.

	Art. No. 552003 552004
--	------------------------



Cold water, mobile - Series 4x4 KD1840





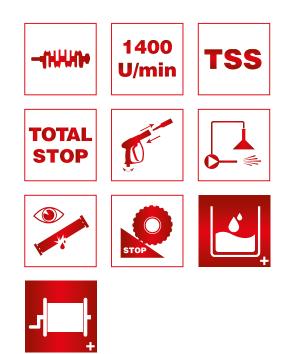
Туре		KD1840-Premium	
Voltage	3/PE/AC/50Hz/400V	► Hose-Reel	
Operating pressure	30-120bar/3-12MPa	20 m HP-Hose DN08 - 315bar	
Max. pressure	140bar/14MPa	 Trigger-Gun with swivel Spray-Lance 900mm c/w Nozzle-Protection 	
Discharge capacity	300-1.800l/h	 Spray-Lance 9001111 C/W NOZZIE-Protection Stainless-Steel Jet-Nozzie 25° 	
Nozzle size	150	► Spray-Lance 900mm c/w Rotary-Nozzle	
Max. Inlet temperature	45°C	► 35I Water-Storage tank	
Pump speed	1400rpm	 Water-Supply separation acc. water reg. Chemical supply in high-pressure Jet c/w Metering-valve 	
Connected load	7,4kW/13,3A		
Electrical protection	3x16A slow-blowing		
Weight net/with package		105kg/129kg	
Dimensions device/with package (LxWxH)		980x620x1000mm/1090x630x1120mm	

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 switchoff 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 a patented wheel brake 2-way, storage possibility for all accessories, robust rotary on-off switch, 7,5m connection cable, removable ergonomic drawbar.



Cold water, mobile - Series 4x4 KD1540





Туре		KD1540-Premium	
Voltage	3/PE/AC/50Hz/400V	 Hose-Reel 20 m HP-Hose DN08 - 315bar Trigger-Gun with swivel Spray-Lance 900mm c/w Nozzle-Protection 	
Operating pressure	30-280bar/3-28MPa		
Max. pressure	310bar/31MPa		
Discharge capacity	300-1.500l/h	 Spray-Lance Southin C/W Nozzle-Frotection Stainless-Steel Jet-Nozzle 25° 	
Nozzle size	070	 Spray-Lance 900mm c/w Rotary-Nozzle 	
Max. Inlet temperature	45°C	 35I Water-Storage tank 	
Pump speed	1400rpm	 Water-Supply separation acc. water reg. Chemical supply in high-pressure Jet c/w Metering-valve 	
Connected load	13,8kW/23,2A		
Electrical protection	3x32A slow-blowing		
Weight net/with package		127kg/151kg	
Dimensions device/with package (LxWxH)		980x620x1000mm/1090x630x1120mm	
Self-supporting, robust, r	otation-moulded device	e-chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass	

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 switchoff 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 a patented wheel brake 2-way, storage possibility for all accessories, robust rotary on-off switch, 7,5m connection cable, removable ergonomic drawbar.



Cold water, mobile - Series 4x4 KD2040





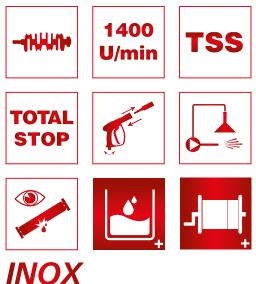
Туре		KD2040-Premium	
Voltage	3/PE/AC/50Hz/400V	► Hose-Reel	
Operating pressure	30-220bar/3-22MPa	 20 m HP-Hose DN08 - 315bar Trigger-Gun with swivel Spray-Lance 900mm c/w Nozzle-Protection Stainless-Steel Jet-Nozzle 25° Spray-Lance 900mm c/w Rotary-Nozzle 	
Max. pressure	240bar/24MPa		
Discharge capacity	300-1.800l/h		
Nozzle size	100		
Max. Inlet temperature	45°C	► 35I Water-Storage tank	
Pump speed	1400rpm	 Water-Supply separation acc. water reg. Chemical supply in high-pressure Jet c/w Metering-valve 	
Connected load	13,8kW/24A		
Electrical protection	3x32A slow-blowing		
Weight net/with package		131kg/155kg	
Dimensions device/with package (LxWxH)		980x620x1000mm/1090x630x1120mm	

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 switchoff 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 a patented wheel brake 2-way, storage possibility for all accessories, robust rotary on-off switch, 7,5m connection cable, removable ergonomic drawbar.



Cold water, mobile - Series 4x4 Food Version KD1140-F - with stainless steel pump, hot water resistant





Туре		KD1140-F-Standard	KD1140-F-Premium
Voltage Operating pressure Max. pressure Discharge capacity Nozzle size Max. Inlet temperature Pump speed Connected load Electrical protection	3/PE/AC/50Hz/400V 30-180bar/3-18MPa 200bar/20 Mpa 300-1.000l/h 055 80°C 1400rpm 6,9kW/10,3A 3x16A slow-blowing	 10m HP-Hose DN08 - 315bar blue Trigger-Gun with swivel Double Spray-Lance 900mm c/w Nozzle-Protection Stainless-Steel Jet-Nozzle 25° 251 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. water reg. Chemical supply in high-pressure Jet c/w Metering-valve
Weight net/with package		89kg/113kg	97kg/121kg
Dimensions device/with package (LxWxH)		980x620x1000mm/1090x630x1120mm	980x620x1000mm/1090x630x1120mm

Food progressing with abrasion resistant high pressure hose blue, self-supporting, robust, corrossions free, rotation-moulded devicechassis 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 switchoff 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.



Cold water, mobile, petrol operated - Series KDB KDB940



Туре		KDB940-Standard	
Engine Operating pressure	Gasoline 30-150bar/3-15MPa	 10m HP-Hose DN08 - 315bar Trigger-Gun with swivel Spray-Lance 900mm c/w Vario-Nozzle 	
Max. pressure Discharge capacity	170bar/17MPa 300-750l/h	 Stainless-Steel Jet-Nozzle 25° Detergent-Supply c/w Low-Pressure Injector and Metering-valve 	
Nozzle size Max. Inlet temperature	043 45°C		
Pump speed Connected load	3400rpm 5,5h.p. Honda		
Electric-Starter n/a.			
Weight net/with package Dimensions device/with package (LxWxH)		39,1kg/34,7kg 520x690x550mm/771x458x926mm	

Robust, corrosion-resistant, self-supporting device chassis made of robust steel pipe galvanized and powder-coated, triplex-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 ruber-pneumatic tires for rough terrain with rubber stand, external detergent supply.

Art. No.

101940



Cold water, mobile, petrol operated - Series KDB KDB1240



Туре		KDB1240-Standard	KDB1240-Premium
Engine Operating pressure Max. pressure Discharge capacity Nozzle size Max. Inlet temperature Pump speed Connected load Electric-Starter	Gasoline 30-180bar/3-18MPa 200bar/20MPa 300-1000l/h 050 45°C 1400rpm 13h.p. Honda Option	 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
Weight net/with package		94kg/107kg	102kg/115kg
Dimensions device/with package (LxWxH)		1000x740x770mm/1200x800x900mm	1000x740x970mm/1200x800x1250mm

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 ruber-pneumatic tires for rough terrain, external detergent supply.

Art. No./Retail price plus VAT	168001	168002
Art. No. device with electric-starter/ Retail price plus VAT	169001	169002



Cold water, mobile, petrol operated - Series KDB KDB1540



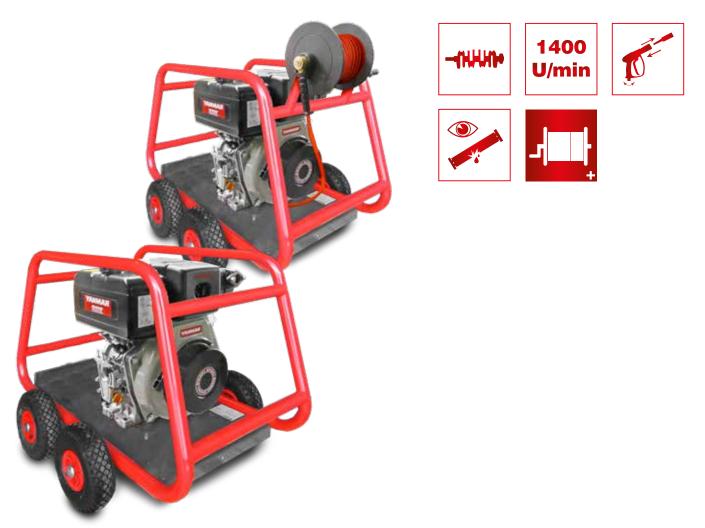
Туре		KDB1540-Standard	KDB1540-Premium
Engine Operating pressure Max. pressure Discharge capacity Nozzle size Max. Inlet temperature Pump speed Connected load Electric-Starter	Gasoline 30-280bar/3-28MPa 300bar/30MPa 300-1000l/h 035 45°C 1400rpm 18h.p. B&S 2-Cylinder Option	 10m HP-Hose DN08 - 315bar 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
Weight net/with package		96kg/103kg	111kg/124kg
Dimensions device/with package (LxWxH)		1000x740x770mm/1200x800x900mm	1000x740x970mm/1200x800x1250mm

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 ruber-pneumatic tires for rough terrain, external detergent supply.

Art. No./Retail price plus VAT	170001	170002
Art. No. device with electric-starter/ Retail price plus VAT	171001	171002



Cold water, mobile, petrol operated - Series KDD KDD1240



Туре		KDD1240-Standard	KDD1240-Premium
Engine Operating pressure Max. pressure Discharge capacity Nozzle size Max. Inlet temperature Pump speed Connected load Electric-Starter	Diesel 30-180bar/3-18MPa 200bar/20MPa 300-1000l/h 050 45°C 1400rpm 10h.p. Diesel Yanmar Starter-Generator	 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
Weight net/with package		116kg/129kg	124kg/137kg
Dimensions device/with package (LxWxH)		1000x740x770mm/1200x800x900mm	1000x740x970mm/1200x800x1250mm

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 ruber-pneumatic tires for rough terrain, external detergent supply.

Art. No.

174001



Hot water, mobile, oil heated - Series Etronic I HD523



Туре		HD523-Standard	
Voltage	1/N/PE/AC/50Hz/230V	Etronic I - Controls	
Operating pressure	30-120bar/3-12MPa	 15m HP-Hose DN08 - 315bar 	
Max. pressure	140bar/14MPa	 Trigger-Gun with swivel Spray-Lance 900mm with Nozzle-Protection 	
Discharge capacity	300-600l/h	 Stainless-Steel Jet-Nozzle 25° 	
Nozzle size	045	 Chemical supply with ND-Injector (optional) Spray-Lance 900mm with Control-Nozzle (optional) 	
Hot water capacity	30-98°C		
Pump speed	2800rpm		
Connected load	2,4kW/12,0A		
Electrical protection	13A slow-blowing		
Weight net/with package		118kg/139kg	
Dimensions device/with pa	ackage (LxWxH)	1070x735x1020mm/1160x770x960mm	
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 fo H.PPump 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-castor, storage possibility for all accessories, integrated diesel-tank 22I, 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	



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



Туре		HD623-Standard	HD623-Premium
Voltage	1/N/PE/AC/50Hz/230V	► Etronic I - Controls	Etronic I - Controls
Operating pressure	30-160bar/3-16MPa	10m HP-Hose DN08 - 315bar	 Hose-Reel 20m HP-Hose DN08 - 315bar Trigger-Gun with swivel
Max. pressure	180bar/18MPa	 Trigger-Gun with swivel Spray-Lance 900mm c/w Nozzle-Protection Stainless-Steel Jet-Nozzle 25° Water-Supply separation acc. water reg. 	
Discharge capacity	300-600l/h		 Spray-Lance 900mm c/w Nozzle-Protection
Nozzle size	035		 Stainless-Steel Jet-Nozzle 25°
Hot water capacity	30-98°C		Spray-Lance 900mm c/w Rotary-Nozzle
Pump speed	1400rpm	 Chemical supply in high-pressure Jet c/w Metering-valveg 	 Water-Supply separation acc. water reg. Chemical supply in high-pressure Jet c/w Metering-valve
Connected load	3,1kW/15,1A	c/w netening valveg	
Electrical protection	16A slow-blowing		
Weight net/with package		149kg/170kg	158kg/179kg
Dimensions device/with pa	ackage (LxWxH)	1070x735x1020mm/1190x880x1270mm	1070x735x1020mm/1190x880x1270mm
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.PPump 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



Hot water, mobile, oil heated - Series Etronic I HD640



Туре		HD640-Standard	HD640-Premium
Voltage	3/PE/AC/50Hz/400V	Etronic I - Controls	Etronic I - Controls
Operating pressure	30-200bar/3-20MPa	10m HP-Hose DN08 - 315bar	► Hose-Reel
Max. pressure	220bar/22MPa	 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 	 20m HP-Hose DN08 - 315bar Triagor Cup with switch
Discharge capacity	300-600l/h		 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
Nozzle size	030		
Hot water capacity	30-98°C		
Pump speed	1400rpm		
Connected load	4,6kW/9,3A		
Electrical protection	3x16A slow-blowing		
Weight net/with package		157kg/185kg	167kg/195kg
Dimensions device/with package (LxWxH)		1070x735x1020mm/1190x880x1270mm	1070x735x1020mm/1190x880x1270mm
Robust, corrosion-resista	nt, self-supporting device	chassis, impact-resistant device-cover made of	f ABS, triplex-piston pump with brass pump

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.



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



Туре		HD823-Standard	HD823-Premium
Voltage	1/N/PE/AC/50Hz/230V	► 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 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 	 20m HP-Hose DN08 - 315bar Trigger-Gun with swivel
Discharge capacity	300-720l/h		 Irigger-Gun with swivel Spray-Lance 900mm c/w Nozzle-Protection
Nozzle size	045		 Stainless-Steel Jet-Nozzle 25° Spray-Lance 900mm c/w Rotary-Nozzle Water-Supply separation acc. water reg Chemical supply in high-pressure Jet
Hot water capacity	30-98°C (150°C)		
Pump speed	1400rpm		
Connected load	3,4kW/15A		c/w Metering-valve
Electrical protection	16A slow-blowing		, 3
Weight net/with package		158kg/186kg	167kg/195kg
Dimensions device/with package (LxWxH)		1070x735x1020mm/1190x880x1270mm	1070x735x1020mm/1190x880x1270mm
Robust, corrosion-resistant, self-supporting device chassis, impact-resistant device-cover made of ABS, triplex-piston pump with brass pump			

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.



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



Туре		HD940-Standard	HD940-Premium
Voltage	3/PE/AC/50Hz/400V	 Etronic II - Controls 	 Etronic II - Controls
Operating pressure	30-190bar/3-19MPa	10m HP-Hose DN08 - 315bar	► Hose-Reel
Max. pressure	210bar/21MPa	 Trigger-Gun with swivel Spray-Lance 900mm c/w 	 20m HP-Hose DN08 - 315bar Trigger-Gun with swivel
Discharge capacity	300-840l/h	Nozzle-Protection	 Spray-Lance 900mm c/w Nozzle- Protection
Nozzle size	045	 Stainless-Steel Jet-Nozzle 25° Water-Supply separation acc. water reg. Chemical supply in high-pressure Jet c/w Metering-valve 	 Stainless-Steel Jet-Nozzle 25°
Hot water capacity	30-98°C (150°C)		Spray-Lance 900mm c/w Rotary-Nozzle
Pump speed	1400rpm		 Water-Supply separation acc. water reg. Chemical supply in high-pressure Jet
Connected load	5,4kW/10,1A		c/w Metering-valve
Electrical protection	3x16A slow-blowing		
Weight net/with package		159kg/186kg	168kg/198kg
Dimensions device/with package (LxWxH)		1070x735x1020mm/1190x880x1270mm	1070x735x1020mm/1190x880x1270mm
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



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



Туре		HD1140-Standard	HD1140-Premium
Voltage	3/PE/AC/50Hz/400V	Etronic II - Controls	 Etronic II - Controls
Operating pressure	30-230bar/3-23MPa	10m HP-Hose DN08 - 315bar	► Hose-Reel
Max. pressure	250bar/25MPa	 Trigger-Gun with swivel Spray-Lance 900mm c/w 	 20m HP-Hose DN08 - 315bar Trigger-Gun with swivel
Discharge capacity	300-1000l/h	Nozzle-Protection	 Spray-Lance 900mm c/w Nozzle-Protection
Nozzle size	045	 Stainless-Steel Jet-Nozzle 25° Water-Supply separation acc. water reg. Chemical supply in high-pressure Jet c/w Metering-valve 	 Stainless-Steel Jet-Nozzle 25°
Hot water capacity	30-98°C (150°C)		 Spray-Lance 900mm c/w Rotary-Nozzle
Pump speed	1400rpm		 Water-Supply separation acc. water reg. Chemical supply in high-pressure Jet
Connected load	7,6kW/14,3A		c/w Metering-valve
Electrical protection	3x16A slow-blowing		-
Weight net/with package		178kg/199kg	187kg/208kg
Dimensions device/with p	ackage (LxWxH)	1070x735x1020mm/1190x880x1270mm	1070x735x1020mm/1190x880x1270mm
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



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

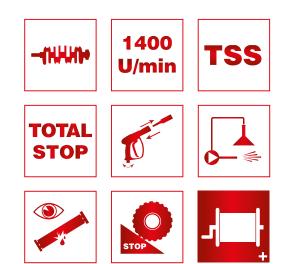


Туре		HD1240-Standard	HD1240-Premium
Voltage	3/PE/AC/50Hz/400V	► Etronic II - Controls	► Etronic II - Controls
Operating pressure	30-160bar/3-16MPa	10m HP-Hose DN08 - 315bar	► Hose-Reel
Max. pressure	180bar/18MPa	 Trigger-Gun with swivel Spray-Lance 900mm c/w 	 20m HP-Hose DN08 - 315bar Trigger-Gun with swivel
Discharge capacity	300-1200l/h	Nozzle-Protection	 Spray-Lance 900mm c/w
Nozzle size	070	 Stainless-Steel Jet-Nozzle 25° Water-Supply separation acc. water reg. Chemical supply in high-pressure Jet c/w Metering-valve 	Nozzle-Protection
Hot water capacity	30-98°C (150°C)		 Stainless-Steel Jet-Nozzle 25° Spray-Lance 900mm c/w Rotary-Nozzle
Pump speed	1400rpm		 Spray-Lance Southin C/W Rotary-Nozzie Water-Supply separation acc. water reg.
Connected load	7,6kW/12,5A		 Chemical supply in high-pressure Jet
Electrical protection	3x16A slow-blowing		c/w Metering-valve
Weight net/with package		177kg/206kg	186kg/218kg
Dimensions device/with p	ackage (LxWxH)	1070x735x1020mm/1190x880x1270mm	1070x735x1020mm/1190x880x1270mm
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.			



Hot water, mobile, electric heated - Series HDE HDE840 12kW





Туре		HDE840 12kW-Standard	HDE840 12kW-Premium
Voltage Operating pressure Max. pressure Discharge capacity Nozzle size Heating capacity Hot water capacity Pump speed Connected load Electrical protection	3/PE/AC/50Hz/400V 30-140bar/3-14MPa 160bar/16MPa 300-720I/h 045 12kW 30-80°C 1400rpm 16,8kW/26,2A 3x32A slow-blowing	 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. water reg. Chemical supply in high-pressure Jet c/w Metering-valve
Weight net/with package		119kg/140kg	128kg/149kg
Dimensions device/with package (LxWxH)		1070x735x1020mm/1190x880x1270mm	1070x735x1020mm/1190x880x1270mm

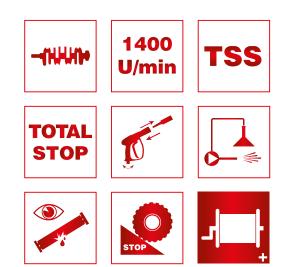
Robust, corrosion-resistant, self-supporting device chassis, impact-resistant device-cover made of ABS, stainless-steel hotwater-boiler with 65I capacity with pre-heating and buffer storage for immediate hot-water use and hot-water preparation during stand-by operation, triplex-piston pump with chrome 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 20I capacity, 2-stage rotary on-off switch with stand-by function, 7,5m connection cable, removable ergonomic drawbar.

Art. No.	106001	106002



Hot water, mobile, electric heated - Series HDE HDE840 18kW





Туре		HDE840 18kW-Standard	HDE840 18kW-Premium
Voltage Operating pressure Max. pressure Discharge capacity Nozzle size Heating capacity Hot water capacity Pump speed Connected load Electrical protection	 3/PE/AC/50Hz/400V 30-140bar/3-14MPa 160bar/16MPa 300-720I/h 045 18kW 30-80°C 1400rpm 22,8kW/32A 3x32A slow-blowing 	 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. water reg. Chemical supply in high-pressure Jet c/w Metering-valve
Weight net/with package		121kg/142kg	130kg/151kg
Dimensions device/with package (LxWxH)		1070x735x1020mm/1190x880x1270mm	1070x735x1020mm/1190x880x1270mm
Robust, corrosion-resistant, self-supporting device chassis, impact-resistant device-cover made of ABS, stainless-steel hotwater-boiler			

Robust, corrosion-resistant, self-supporting device chassis, impact-resistant device-cover made of ABS, stainless-steel hotwater-boiler with 65I 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 20I capacity, 2-stage rotary on-off switch with stand-by function, 7,5m connection cable, removable ergonomic drawbar.

Art. No.	107001	107002



Hot water, mobile, electric heated - Series HDE HDE840 24kW





Туре		HDE840 24kW-Standard	HDE840 24kW-Premium
Voltage	3/PE/AC/50Hz/400V	Etronic II - Controls	Etronic II - Controls
Operating pressure	30-140bar/3-14MPa	▶ 10m HP-Hose DN08 - 315bar	► Hose-Reel
Max. pressure	160bar/16MPa	 Trigger-Gun with swivel Spray-Lance 900mm c/w 	 20m HP-Hose DN08 - 315bar Trigger-Gun with swivel
Discharge capacity	300-720l/h	Nozzle-Protection	 Spray-Lance 900mm c/w
Nozzle size	045	 Stainless-Steel Jet-Nozzle 25° Water-Supply separation acc. water reg. 	Nozzle-Protection
Heating capacity	24kW		Stainless-Steel Jet-Nozzle 25°
Hot water capacity	30-80°C	 Chemical supply in high-pressure Jet c/w Metering-valve 	 Spray-Lance 900mm c/w Rotary-Nozzle Water-Supply separation acc. water reg.
Pump speed	1400rpm		 Chemical supply separation dec. Water reg. Chemical supply in high-pressure Jet
Connected load	28,8kW/44A		c/w Metering-valve
Electrical protection	3x50A slow-blowing		
Weight net/with packag	e	124kg/145kg	133kg/154kg
Dimensions device/with package (LxWxH)		1070x735x1020mm/1190x880x1270mm	1070x735x1020mm/1190x880x1270mm
with 65l capacity with pr triplex-piston pump wit	e-heating and buffer sto h chrome nickel pump h	ce chassis, impact-resistant device-cover ma rage for immediate hot-water use and hot-w lead (hot-water resistant), high-performan	ater preparation during stand-by operation,

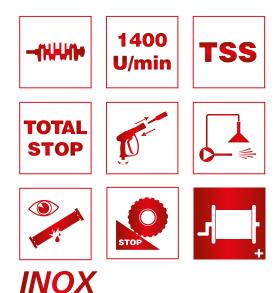
triplex-piston pump with chrome nickel pump head (hot-water resistant), high-performance ceramic piston, stainless-steel valves, leakage-return, Etronic II - controls: (start-stop system with switch-off delay, stand-by system for heating, low-water cut-off), unloader safety-valve c/w Infinitely variable 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. 1	108001	108002
	100001	100000



Hot water, mobile, electric heated - Series HDE Food Version HDE840-F 24kW - hot water resistant





Туре		HDE840-F 24kW-Standard	HDE840-F 24kW-Premium
Voltage	3/PE/AC/50Hz/400V	► Etronic II - Controls	► Etronic II - Controls
Operating pressure	30-140bar/3-14MPa	 10m HP-Hose DN08 - 315bar blue 	► Hose-Reel
Max. pressure	160bar/16MPa	 Trigger-Gun with swivel Double Spray-Lance 900mm c/w 	20m HP-Hose DN08 - 315bar blue Trigger Cup with gwing!
Discharge capacity	300-720l/h	Nozzle-Protection	 Trigger-Gun with swivel Double Spray-Lance 900mm c/w
Nozzle size	045	 Stainless-Steel Jet-Nozzle 25° Water-Supply separation acc. water reg. Chemical supply in high-pressure Jet c/w Metering-valve 	Nozzle-Protection
Heating capacity	24kW		 Stainless-Steel Jet-Nozzle 25° Spray-Lance 900mm c/w Rotary-Nozzle Water-Supply separation acc. water reg Chemical supply in high-pressure Jet
Hot water capacity	30-80°C		
Pump speed	1400rpm		
Connected load	28,8kW/44A		c/w Metering-valve
Electrical protection	3x50A slow-blowing	-	
Weight net/with package	je	124kg/145kg	133kg/154kg
Dimensions device/with	package (LxWxH)	1070x735x1020mm/1190x880x1270mm	1070x735x1020mm/1190x880x1270mm
chassis for food industr with pre-heating and bu pump with chrome nick	y, stainless steel, impact uffer storage for immedia el pump head (hot-wate	ressure hose blue, self-supporting, robust, -resistant device-cover made of ABS, stainl the hot-water use and hot-water preparation r resistant), high-performance ceramic pist itch-off delay, stand-by system for heating	ess-steel hotwater-boiler with 65I capacity n during stand-by operation. Triplex-pistor con, stainless-steel valves, leakage-return

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



Hot water, mobile, oil heated, with engine - Series HDB HDB1240



Туре		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 Spray-Lance 900mm c/w
Discharge capacity	300-1000l/h	 Stainless-Steel Jet-Nozzle 25° 	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. Chemical supply in high-pressure Jet
Connected load	13h.p. Gasoline Honda		c/w Metering-valve
Electric-Starter	Option		-
Weight net/with packa	age	216kg/229kg	224kg/237kg
Dimensions device/with package (LxWxH)		1200x800x800mm/1210x810x960mm	1200x800x800mm/1210x810x1350mm
Robust, corrosion-resistant, self-supporting device triplex-piston pump with brass pump head, high-pe the high-pressure pump speed, separately driven b safety-valve c/w Infinitely variable pressure and qua ruber-pneumatic tires for rough terrain, storage poss supply, removable ergonomic drawbar.		erformance ceramic piston, stainless-steel va ourner motor for heating, 4-fold safety system antity regulation, safety-valve and thermosta	lves, leakage-return, gearbox for reducing m, consisting of pressure-switch, unloader t, automatic load-idle speed control, 4 large
Art. No./Retail price plus VAT		138001	138002
Art. No. device with electric-starter/ Retail price plus VAT		139001	139002

Retail price plus VAT



Hot water, mobile, oil heated, with engine - Series HDB HDB1540



Туре		HDB1540-Standard	HDB1540-Premium		
Engine Operating pressure Max. pressure	Gasoline 30-280bar/3-28MPa 300bar/30MPa 300-1000l/h	 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. water reg. Chemical supply in high-pressure Jet c/w Metering-valve 		
Discharge capacity Nozzle size Hot water heating Pump speed Connected load Electric-Starter	035 30-98°C 1400rpm 18h.p. B&S Option				
Weight net/with package		206kg/234kg	215kg/243kg		
Dimensions device/with package (LxWxH)1200x800x800mm/1210x810x960mm1200x800x800mm/1210x810x1350mmRobust, 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 ruber-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./Retail price plus VAT		164001	164002		
Art. No. device with electric-starter/ Retail price plus VAT		165001	165002		



Hot water, mobile, oil heated, with engine- Series HDD HDD1240



Туре		HDD1240-Standard	HDD1240-Premium
Engine Operating pressure Max. pressure Discharge capacity Nozzle size Hot water heating Pump speed Connected load	Diesel 30-180bar/3-18MPa 200bar/20MPa 300-1000l/h 050 30-98°C 1400rpm 10h.p. Diesel Yanmar	 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. water reg. Chemical supply in high-pressure Jet c/w Metering-valve With electric-starter
Electric-Starter	Starter-Generartor		
Weight net/with package		238kg/251kg	246kg/259kg
Dimensions device/with package (LxWxH)		1200x800x735mm/1210x810x1160mm	1200x800x1005mm/1210x810x1350mm
triplex-piston pump wit	h brass pump head, high-pe	e chassis, impact-resistant device-cover ma erformance ceramic piston, stainless-steel va purner motor for heating, 4-fold safety syste	lves, leakage-return, gearbox for reducing

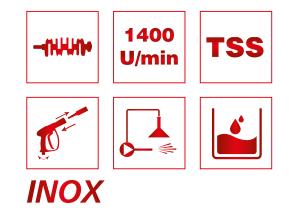
triplex-piston pump with brass pump head, high-performance ceramic piston, stainless-steel valves, leakage-return, gearbox for reducing the high-pressure pump speed, separately driven burner motor for heating, 4-fold safety system, consisting of pressure-switch, unloader safety-valve c/w Infinitely variable pressure and quantity regulation, safety-valve and thermostat, automatic load-idle speed control, 4 large ruber-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



Cold water, stationary - Series KS KS823 - hot water resistant





Туре		KS823	KS823-INOX	
Voltage Operating pressure Max. pressure Discharge capacity Nozzle size Max. Inlet temperature Pump speed Connected load Electrical protection	1/N/PE/AC/50Hz/230V 30-120bar/3-12MPa 140bar/14MPa 300-720l/h 050 80°C 1400rpm 2,6kW/12,8A 16A slow-blowing	 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. water reg. 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° 4I Water-Storage tank Water-Supply separation acc. water reg. Chemical supply in high-pressure Jet c/w Metering-valve 	
Weight net/with package		102kg/116kg	102kg/106kg	
Dimensions device/with package (LxWxH)		780x510x540mm/1200x800x700mm	780x510x540mm/1200x800x700mm	

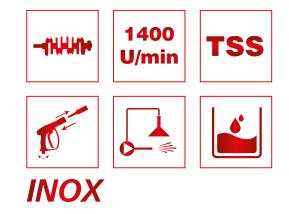
Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainlesssteel), wall-bracket, drawable technic-tablar on telescopic rails, triplex-piston pump with brass pump head, hot-water resistant up to 80°c, high-performance ceramic 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.

Art. No. 157	157000



Cold water, stationary - Series KS KS1140 - hot water resistant





Туре		KS1140	KS1140-INOX	
Voltage Operating pressure Max. pressure Discharge capacity Nozzle size Max. Inlet temperature Pump speed Connected load Electrical protection	3/PE/AC/50Hz/400V 30-180bar/3-18MPa 200bar/20MPa 300-1000l/h 055 80°C 1400rpm 6,5kW/11,7A 3x16A slow-blowing	 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. water reg. 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° 4I Water-Storage tank Water-Supply separation acc. water reg. Chemical supply in high-pressure Jet c/w Metering-valve 	
Weight net/with package		112kg/126kg	112kg/126kg	
Dimensions device/with package (LxWxH)		780x510x540mm/1200x800x700mm	780x510x540mm/1200x800x700mm	

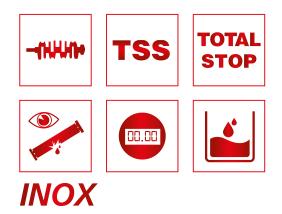
Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainlesssteel), wall-bracket, drawable technic-tablar on telescopic rails, triplex-piston pump with brass pump head, hot-water resistant up to 80°c, high-performance ceramic 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.

Art. No.	155	155000



Cold water, stationary - Series KSM KSM1840 - hot water resistant





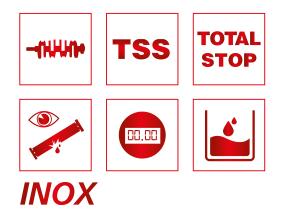
Туре		KSM1840	KSM1840-INOX
Voltage	3/PE/AC/50Hz/400V	► 7 [°] Touch-Screen Monitor	 Stainless Steel (Food-Safe)
Operating pressure	30-180bar/ 3-18MPa	 PLC Controls Siemens S7-1200 	► 7" Touch-Screen Monitor
Max. pressure	200bar/20MPa	 Automatic Switch On and Off Control for high-pressure pumps 	 PLC Controls Siemens S7-1200 Automatic Switch On and Off Control
Discharge capacity	900-1800l/h	 Automatic Stand-By Operation 	for high-pressure pumps
Nozzle size	2x050	 Pressureless pipes in Stand-By 	 Automatic Stand-By Operation
Max. Inlet temperature	80°C	Booster-Supply-Pump	 Pressureless pipes in Stand-By
Pump speed	1400rpm	 60l Water-Storage tank Water-Supply separation acc. water reg. 	 Booster-Supply-Pump 60l Water-Storage tank
Connected load	14,0kW/25,5A	 Maintenance interval display 	 Water-Supply separation acc. water reg.
Electrical protection	3x32A slow-blowing		 Maintenance interval display
Weight net/with package		493kg/ -	493kg/ –
Dimensions device/with package (LxWxH)		1130x800x2090mm/1290x1040x2100mm	1130x800x2090mm/1290x1040x2100mm

Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainlesssteel), 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.



Cold water, stationary - Series KSM KSM2740 - hot water resistant





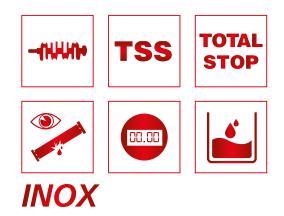
	KSM2740	KSM2740-INOX	
3/PE/AC/50Hz/400V 30-180bar/3-18MPa 200bar/20MPa 900-2700I/h 3x050 80°C 1400rpm 21,0kW/38A	 7" Touch-Screen Monitor PLC Controls Siemens S7-1200 Automatic Switch On and Off Control for high-pressure pumps Automatic Stand-By Operation Pressureless pipes in Stand-By Booster-Supply-Pump 60I Water-Storage tank Water-Supply separation acc. water reg. 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 601 Water-Storage tank Water-Supply separation acc. water reg. Maintenance internal display 	
3x50A slow-blowing		 Maintenance interval display 	
	-	-	
ckage (LxWxH)	1130x800x2090mm/1290x1040x2100mm	1130x800x2090mm/1290x1040x2100mm	
	30-180bar/3-18MPa 200bar/20MPa 900-2700l/h 3x050 80°C 1400rpm 21,0kW/38A 3x50A slow-blowing	30-180bar/3-18MPa > PLC Controls Siemens S7-1200 200bar/20MPa > Automatic Switch On and Off Control for high-pressure pumps 900-2700l/h > Automatic Stand-By Operation 3x050 > Pressureless pipes in Stand-By 80°C > Booster-Supply-Pump 1400rpm > 60l Water-Storage tank 21,0kW/38A > Maintenance interval display	

Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainlesssteel), 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.



Cold water, stationary - Series KSM KSM3640 - hot water resistant





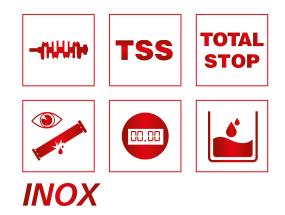
Туре		KSM3640	KSM3640-INOX	
Voltage	3/PE/AC/50Hz/400V	► 7" Touch-Screen Monitor	 Stainless Steel (Food-Safe) 	
Operating pressure	30-180bar/3-18MPa	PLC Controls Siemens S7-1200	► 7" Touch-Screen Monitor	
Max. pressure	200bar/20MPa	 Automatic Switch On and Off Control for high-pressure pumps 	 PLC Controls Siemens S7-1200 Automatic Switch On and Off Control 	
Discharge capacity	900-3600l/h	 Automatic Stand-By Operation 	for high-pressure pumps	
Nozzle size	4x050	 Pressureless pipes in Stand-By 	 Automatic Stand-By Operation 	
Max. Inlet temperature	80°C	Booster-Supply-Pump	 Pressureless pipes in Stand-By Beactor Supply Pump 	
Pump speed	1400rpm	 60l Water-Storage tank Water-Supply separation acc. water reg. 	 Booster-Supply-Pump 60l Water-Storage tank 	
Connected load	27,0kW/50A	 Maintenance interval display 	► Water-Supply separation acc. water reg.	
Electrical protection	3x63A slow-blowing		 Maintenance interval display 	
Weight net/with package		-	-	
Dimensions device/with package (LxWxH)		2130x800x2090mm/ -	2130x800x2090mm/ -	

Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainlesssteel), 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.



Cold water, stationary - Series KSM KSM4540 - hot water resistant





Туре		KSM4540	KSM4540-INOX	
Voltage Operating pressure Max. pressure Discharge capacity	3/PE/AC/50Hz/400V 30-180bar/3-18MPa 200bar/20MPa 900-4500l/h	 7^{\circ} Touch-Screen Monitor PLC Controls Siemens S7-1200 Automatic Switch On and Off Control for high-pressure pumps Automatic Stand-By Operation 	 Stainless Steel (Food-Safe) 7" Touch-Screen Monitor PLC Controls Siemens S7-1200 Automatic Switch On and Off Control for high-pressure pumps 	
Nozzle size Max. Inlet temperature	5x050 80°C	 Pressureless pipes in Stand-By Booster-Supply-Pump 60l Water-Storage tank 	 Automatic Stand-By Operation Pressureless pipes in Stand-By Booster-Supply-Pump 	
Pump speed Connected load Electrical protection	1400rpm 33,5kW/60,5A 3x80A slow-blowing	 Water-Supply separation acc. water reg. Maintenance interval display 	 GOI Water-Storage tank Water-Supply separation acc. water reg. Maintenance interval display 	
Weight net/with package Dimensions device/with package (LxWxH)		_ 2130x800x2090mm/ –	- 2130x800x2090mm/ -	

Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainlesssteel), 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.



Cold water, stationary - Series KSM KSM5440 - hot water resistant





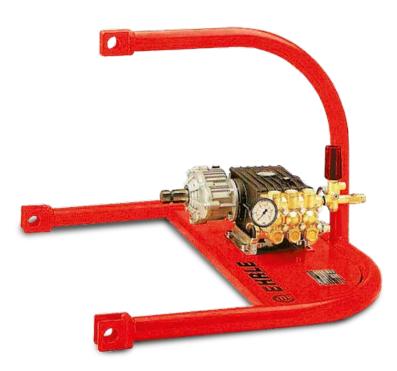
Туре		KSM5440	KSM5440-INOX	
Voltage Operating pressure Max. pressure Discharge capacity Nozzle size	3/PE/AC/50Hz/400V 30-180bar/3-18MPa 200bar/20MPa 900-5400l/h 6x050	 7" Touch-Screen Monitor PLC Controls Siemens S7-1200 Automatic Switch On and Off Control for high-pressure pumps Automatic Stand-By Operation Pressureless pipes in Stand-By 	 Stainless Steel (Food-Safe) 7" Touch-Screen Monitor PLC Controls Siemens S7-1200 Automatic Switch On and Off Contro for high-pressure pumps Automatic Stand-By Operation 	
Max. Inlet temperature Pump speed	80°C 1400rpm	 Booster-Supply-Pump 60l Water-Storage tank Water-Supply separation acc. water reg. 	 Pressureless pipes in Stand-By Booster-Supply-Pump 60l Water-Storage tank 	
Connected load Electrical protection	40,0kW/72,5A 3x80A slow-blowing	Maintenance interval display	 Water-Supply separation acc. water reg Maintenance interval display 	
Weight net/with package		-	-	
Dimensions device/with package (LxWxH)		2130x800x2090mm/ -	2130x800x2090mm/ -	

Self-supporting, robust, device-chassis made from galvanized steel and powder-coated (option INOX: device-chassis made out of stainlesssteel), 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.



Cold water, stationary - Series KW KW1200





Туре		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	▶ 10m HP-Hose DN08 - 315bar
Max. pressure	200bar/20Mpa	► Trigger-Gun with swivel	 Trigger-Gun with swivel Spray-Lance 900mm c/w vario nozzle Stainless-Steel Jet-Nozzle 25°
Discharge capacity	300-1000l/h	 Spray-Lance 900mm c/w vario nozzle Stainless-Steel Jet-Nozzle 25° 	
Nozzle size	070	 Spray-Lance 900mm c/w Rotary-Nozzle 	 Spray-Lance 900mm c/w Rotary-Nozzle
Max. Inlet temperature	45°C	► Detergent-Supply c/w Low-Pressure	 Detergent-Supply c/w Low-Pressure
Pump speed	1000rpm	Injector and Metering-valve	Injector and Metering-valve
Weight net/with package		-	-
Dimensions device/with package (LxWxH)		-	-
coated, triplex-piston pu safety system, unloader	mp with brass pump he safety-valve c/w Infin	evice-plate for mounting size 3, made of r ead, high-performance ceramic piston, stai itely variable pressure and quantity regula	nless-steel valves, leakage-return, 2-fold tion and safety-valve, external detergent

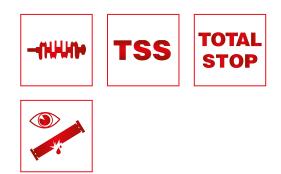
supply. P.T.O. gearbox for high-pressure pump size: 1 3/8" P.T.O. Hydraulic-drive: supply-line: DN12 c/w Coupling size GR3 - back-flow dn16 c/w Coupling size GR3 (pressureless).

Art. No.

201



Cold water, motor pump unit - Series MP MP823 - hot water resistant







Туре		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			
Max. pressure	140bar/14MPa			 Hose reel
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 slow-blowing			
Weight net/with package		-	-	-
Dimensions device/with pa	ackage (LxWxH)	480x335x335mm/600x400x500mm	-	-
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



Cold water, motor pump unit - Series MP MP1140 - hot water resistant

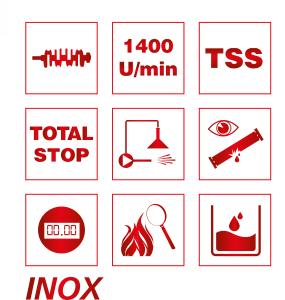


Туре		MP1140	Wall mounting	Wall mounting STR
Voltage	3/PE/AC/50Hz/400V	 Delivery without Accessories 	 Delivery without 	20m HP-Hose
Operating pressure	30-180bar/3-18MPa		Accessories	DN08 - 315bar
Max. pressure	200bar/20MPa			Hose reel
Discharge capacity	300-1000l/h			
Nozzle size	050			
Max. Inlet temperature	80°C			
Pump speed	1400rpm			
Connected load	6,5kW/11,7A			
Electrical protection	3x16A slow-blowing			
Weight net/with package		54kg/63kg	-	-
Dimensions device/with p	ackage (LxWxH)	715x415x380mm/800x600x565mm	-	-
steel valves, leakage-retu	irn, start-stop system w	np with brass pump head, nickel p vith switch-off delay, total-switch-o quantity regulation, robust rotary	off after 20min with leaka	ge-recognition, unloader
Art. No.		234660	2980331	2980332



Hot water, stationary, oil heated - Series HSC HSC823





Туре		HSC823	HSC823-INOX
Voltage Operating pressure Max. pressure Discharge capacity Nozzle size Hot water capacity Pump speed Connected load Electrical protection	1/N/PE/AC/50Hz/230V 30-140bar/3-14MPa 150bar/15MPa 300-720I/h 045 30-98°C 1400rpm 3,0kW/13A 16A slow-blowing	 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 	 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
Weight net/with package	je	301kg/318kg	300kg/317kg
Dimensions device/with package (LxWxH)		1220x755x1625mm/1250x815x1755mm	1220x755x1625mm/1250x815x1755mm
stainless-steel), suitabl	e for floor installation, tri	om galvanized steel and powder-coated (op plex-piston pump with brass pump head, r nic II - controls: (start-stop system with swit	nickel plated, high-performance ceramic

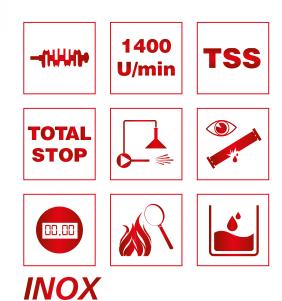
stainless-steel), suitable for floor installation, triplex-piston pump with brass pump head, nickel plated, high-performance ceramic piston, stainless-steel valves, leakage-return, Etronic II - controls: (start-stop system with switch-off delay, total-switch-off after 20min, OPH-counter with service 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, seperatee 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



Hot water, stationary, oil heated - Series HSC HSC1140





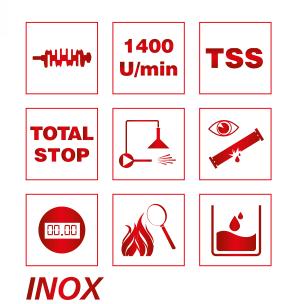
Туре		HSC1140	HSC1140-INOX
Voltage	3/PE/AC/50Hz/400V	► Etronic II - Controls	 Stainless steel (food safe)
Operating pressure	30-180bar/3-18MPa	 Trigger-Gun with swivel Spray-Lance 900mm c/w Nozzle- Protection Stainless-Steel Jet-Nozzle 25° Water-Supply separation acc. water reg. Chemical supply in high-pressure Jet c/w Metering-valve Che 	 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.
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/11,7A		c/w Metering-valve
Electrical protection	3x16A slow-blowing		
Weight net/with package		301kg/318kg	300kg/317kg
Dimensions device/with package (LxWxH)		1220x755x1625mm/1250x815x1755mm	1220x755x1625mm/1250x815x1755mm
stainless-steel), suitable piston, stainless-steel val OPH-counter with servic (independent of the direc and quantity regulation,	for floor installation, tr ves, leakage-return, Etro ce information, optical f ction of rotation) separat integrated diesel-tank 6	om galvanized steel and powder-coated (op iplex-piston pump with brass pump head, r onic II - controls: (start-stop system with sw lame monitoring with photoelectric cell an cely for H.PPump and heating, unloader saf 501, seperatee space for 2 x 201 cleaning de off rotary switches for H.P. Pump, heating a	hickel plated, high-performance ceramic itch-off delay, total-switch-off after 20min, d fault indicator-light) 2 motors system ety-valve c/w Infinitely variable pressure tergent-container c/w Remote activation,

Art. No. 52702 527



Hot water, stationary, oil heated - Series HSC HSC1240





Туре		HSC1240	HSC1240-INOX
Voltage	3/PE/AC/50Hz/400V	► Etronic II - Controls	 Stainless steel (food safe)
Operating pressure	30-160bar/3-16MPa	 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 I 0m HP-Hose Trigger-Gun w Spray-Lance 900mm c/w Spray-Lance 900mm c/w Stainless-Steel Jet-Nozzle 25° Water-Supply separation acc. water reg. Chemical supply in high-pressure Jet c/w Metering-valve 	 Trigger-Gun with swivel Spray-Lance 900mm c/w Nozzle-Protection Stainless-Steel Jet-Nozzle 25°
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		c/w Metering-valve
Electrical protection	3x16A slow-blowing		, 5
Weight net/with package		301kg/318kg	300kg/317kg
Dimensions device/with package (LxWxH)		1220x755x1625mm/1250x815x1755mm	1220x755x1625mm/1250x815x1755mm
stainless-steel), suitable piston, stainless-steel va OPH-counter with serviv (independent of the dire- and quantity regulation,	e for floor installation, tr lves, leakage-return, Etro ce information, optical f ction of rotation) separat integrated diesel-tank 6	om galvanized steel and powder-coated (op iplex-piston pump with brass pump head, r onic II - controls: (start-stop system with sw lame monitoring with photoelectric cell an ely for H.PPump and heating, unloader safi 60, seperate space for 2 x 20 cleaning dete off rotary switches for H.P. Pump, heating and	nickel plated, high-performance ceramic itch-off delay, total-switch-off after 20min, d fault indicator-light) 2 motors system ety-valve c/w Infinitely variable pressure ergent-container c/w Remote activation,

Art. No. 52801 528



Hot water, stationary, electric heated - Series HSC HSC840-INOX 24kW





Туре		HSC840-INOX 24kW
Voltage	3/PE/AC/50Hz/400V	► Stainless steel (food safe)
Operating pressure	30-130bar/3-13MPa	Etronic II - Controls
Max. pressure	150bar/15MPa	 10m HP-Hose DN08 - 315bar 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	24kW	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	
Connected load	28,8kW/44,2A	
Electrical protection	3x50A slow-blowing	
Weight net/with package		264kg/281kg
Dimensions device/with package (LxWxH)		1220x755x1625mm/1250x815x1755mm
Self-supporting, robust, device-chassis made out of stainless-steel, suitable for floor installation, stainless-steel hotwater-boiler with 65I 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 2x 20I 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



Hot water, stationary, electric heated - Series HSC HSC1140-INOX 30kW





Туре		HSC1140-INOX 30kW
Voltage	3/PE/AC/50Hz/400V	 Stainless steel (food safe)
Operating pressure	30-180bar/3-18MPa	Etronic II - Controls
Max. pressure	200bar/20MPa	 10m HP-Hose DN08 - 315bar Trigger-Gun with swivel
Discharge capacity	300-1000l/h	 Spray-Lance 900mm c/w Nozzle Protection
Nozzle size	055	► Stainless-Steel Jet-Nozzle 25°
Heating capacity	30kW	 Water-Supply separation acc. water reg. Character built high measure late (n. Materiae under
Hot water capacity	30-80°C	 Chemical supply in high-pressure Jet c/w Metering-valve
Pump speed	1400rpm	
Connected load	36,5kW/57,0A	
Electrical protection	3x63A slow-blowing	
Weight net/with package		292kg/309kg
Dimensions device/with package (LxWxH)		1220x755x1625mm/1250x815x1755mm
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 2x 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, gas heating - Series HSC HSC1140-INOX Gas





Туре		HSC1140-INOX Gas	
Voltage	3/PE/AC/50Hz/400V	 Stainless steel (food safe) 	
Operating pressure	30-180bar/3-18MPa	Etronic II - Controls	
Max. pressure	200bar/20MPa	 I0m HP-Hose DN08 - 315bar Trigger-Gun with swivel 	
Discharge capacity	300-1000l/h	 Spray-Lance 900mm c/w Nozzle Protection 	
Nozzle size	055	► Stainless-Steel Jet-Nozzle 25°	
Hot water capacity	30-70°C	► Water-Supply separation acc. water reg.	
Pump speed	1400rpm	 Chemical supply in high-pressure Jet c/w Metering-valve 	
Heating power	50kW		
Connected load	6,5kW/11,7A		
Electrical protection	3x16A slow-blowing		
Weight net/with package		313kg/330kg	
Dimensions device/with package (LxWxH)		1220x755x1625mm/1250x815x1755mm	
65I capacity with pre-heat triplex-piston pump with leakage-return, Etronic II information, low-water cu	ting and buffer storage chrome nickel pump h - controls: (start-stop t-off), unloader safety- ontainer c/w remote ac	t of stainless-steel, suitable for floor installation, stainless-steel hotwater-boiler with e for immediate hot-water use and hot-water preparation during stand-by operation, lead (hot-water resistant), high-performance ceramic piston, stainless-steel valves, system with switch-off delay, stand-by system for heating, OPH-counter with service valve c/w infinitely variable pressure and quantity regulation, seperatee space for 2x tivation, 2 different operating control level, 3 robust on-off rotary switches for H.P. cable.	

Art. No.

52701

