Diesel powered hot water high pressure washers

Diesel powered stationary heating for maximum efficiency in the automotive, industrial and shipping sectors where the cleaning is always made at one particular site indoors - or where the machine should be kept in a technical room away from the cleaning site with pressurized water transported by pipeline or long hose.
The SH SOLAR D line is equipped with the well known EcoPower boiler technology with an efficiency of >92% combined with a high heating effect. This brings you hotter water at the lowest possible cost. The clean burning also reduces service costs.
The SH SOLAR D is an easy to use unit with simple control panel on the machine and possibility to activate from a distance.
The integrated PLC enables machines to be personnalised with a range of factory mounted options.

- Expandable control technology with PLC and special options
- Automatic diagnosis and fault finding
- EcoPower boiler technology which delivers hot water quickly and efficiently, helping reduce fuel consumption and operating costs while maintaining strong cleaning performance
- Galvanised steel frame and cabinet
- Reduced running and service costs
- Compact and easy to install



Picture shown may not represent model quoted

● Standard equipment

Model	SH SOLAR 7P-170/1200 D 400/3/50 EU	SH SOLAR 8P-180/2000 D 400/3/50 EU
Ref. no.	107370070	107370080
PRODUCT FEATURES		
EcoPower boiler-high efficiency	●	●
SilentPower - 1450 rpm motor	●	●
C3 4-ceramic piston pump	●	
Brass cylinder head	●	●
Automatic start/stop	●	●
Stainless steel boiler		
1450 rpm motor	●	●
NA5 - 3 ceramic piston pump		
NP8 - 3 ceramic piston pump		●
Galvanised steel frame	●	●
PLC and expandable control electronics	●	●
Auto fault finding	●	●
Water brake tank	●	●

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Technical specifications	SH SOLAR 7P-170/1200 D 400/3/50 EU	SH SOLAR 8P-180/2000 D 400/3/50 EU
Pump Pressure (bar/MPa)	170/17	180/18
Cleaning impact (kg/force)	5.8	10.3
Pump (RPM)	1450	1450
Power consumption (kW)	8.8	12
Voltage/phase/frequency/current (V/~/Hz/A)	400/3/50/17	400/3/50/18
Sound power level (dB(A) IEC 704)	93	93
Water flow Qmax/Qiec (l/h)	1200/1110	2000/1900
Water temperature (water/steam) (°C)	99	70
El cable (m)	4	4
Heating capacity (kW)	115	115
Fuel consumption at ΔT=45°C (kg/h)	5.4	8.9
Nozzle size	.0680	.1100
Max. inlet temperature (°C)	30	30
Ceramic pistons	4	3
Length x width x height (mm)	700x900x1077	700x900x1077
Weight (kg)	215	232
Recommended avg. hours of use per day	7	5

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

	Accessories	Ref. no.	Min. required	SH SOLAR 7P-170/1200 D 400/3/50 EU	SH SOLAR 8P-180/2000 D 400/3/50 EU
Abrasive Blasting					
	BORONCARBIDE FLAT NOZZLE VSB	6400379	0	○	
	LANCE WITH RUBBER FLAT NOZZLE 06	6401365	1	○	
	NOZZLE FOR WSB - FLAT RUBBER 10 PC.	6402317	0	○	
	SAND PLUGER AND HOSE VSB	6400375	1	○	
	SAND SUPER BLAST 25KG	8379	1	○	○



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Brush Washing					
	BRUSH INSERT	10356	1	○	○
	WASH BRUSH - ERGO - UNIVERSAL LANCE	14202	1	○	○
	WASH BRUSH L1550 MM	6400088	1	○	○
	WASH BRUSH L2350 MM	6400087	1	○	○
Special Nozzle					
	NOZZLE FOR LONG LANCEJET 6-7 M	2802696	0	○	
	NOZZLE PROTECTION CAP PA	18430	1	○	○
Stationary Equipment					
	ACCESSORY FROST PROTECTION DELUXE	107370955	1	○	○
	ACCESSORY FROST PROTECTION STANDARD	107370954	1	○	○
	MAINS CUT OFF BUTTON	29277	1	○	○
	OPTION 1XDETERGENT SOLAR	107370952	1	○	○
	OPTION 1XMANUEL DETERGENT	107340903	1	○	○
	OPTION 2XDETERGENT SOLAR	107370953	1	○	○
	OPTION AUTOMATIC PRESSURE RELIEF SOLAR	107370966	1	○	○
	OPTION CLOSED AIR INTAKE SOLAR G	107370965	1	○	○
	OPTION LOW WATER SECURITY	107340905	1	○	○



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	OPTION MULTI MACHINE CONNEC. BOX SOLAR	107370964	1	○	○
	OPTION NO-SCALE SOLAR	107370958	1	○	○
	OPTION REMOTE CONTROL 4 BUTTONS	107340913	1	○	○
	OPTION REMOTE CONTROL 5 BUTTONS	107340914	1	○	○
	OPTION STAINLESS STEEL PARTS SOLAR D/EH	107370962	1	○	○
	OPTION WATER INLET SECURITY	107340910	1	○	○
	REMOTE CONTROL BOXES 2 BUTTONS	107340911	1	○	○
	REMOTE CONTROL BOXES 3 BUTTONS	107340912	1	○	○
Drain and Pipe Cleaning					
	DRAIN NOZZLE 06. 3/8	2800894	1	○	
	HP HOSE DN10 20000 AGR-DRAIN CLEANER 06	6401268	1	○	
	PIPE CLEANING HOSE 20M DN4	301002491	1	○	
	PIPE CLEANING NOZZLE 1/8INC IG DN4	46921	0	○	



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	PIPE CLEANING ROTATY NOZZLE 1/8INC IG DN	46918	0	○	
Detergent					
	ALTO ACTIVE WAX 10 L	81177	1	○	○
	ALTO STONE-EX 10 L	81191	1	○	○
Filter Pressure Washer					
	CARTRIDGE FILTER REPLACEM. 50 UM	1104041	1	○	○
Non Blacking High Pressure Hose, DN10					
	HP HOSE DN10 GREY 10000 AGR-AGR	6101767	1	○	○
	HP HOSE DN10 GREY 15000 AGR-AGR	1401983	1	○	○
	HP HOSE DN10 GREY 20000 AGR-AGR	1401991	1	○	○
	HP HOSE DN10 GREY 25000 AGR-AGR	1402007	1	○	○
	HP HOSE DN10 GREY 30000 AGR-AGR	1402015	1	○	○
High Pressure Hose, DN10					
	HP HOSE DN10 1000 AGR-AGR	1402916	1	○	○



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	HP HOSE DN10 2052 AGR-AGR	1402924	1	○	○
	HP HOSE DN10 3000 AGR-AGR	1402932	1	○	○
	HP HOSE DN10 5000 AGR-AGR	1402940	1	○	○
	HP HOSE DN10 10000 AGR-AGR	6101766	1	○	○
	HP HOSE DN10 15000 AGR-AGR	1402064	1	○	○
	HP HOSE DN10 20000 AGR-AGR	1402072	0	○	○
	HP HOSE DN10 25000 AGR-AGR	1402080	1	○	○
	HP HOSE DN10 30000 AGR-AGR	1402098	1	○	○
	HP HOSE DN10 50000 AGR-AGR	1402759	1	○	○
High Pressure Hose, DN8					
	10 M 2 WIRE HOSE 5/16 DN8	1405569	1		○
	HOSE DN8 2 WIRE 10M W.ERGO FEMALE COUPL	101405770	1		○

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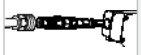
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	HOSE DN8 20 M 1W - 3/8X3/8	1405666	1		
Ergo System Coupling and Adapter					
	NIPPEL F. Q-COUPL. 3/8 INCH	1600493	1	○	○
	NIPPLE F/QUICK COULING 3/8 SS	1603101	1	○	○
	NIPPLE FOR SPRAY LANCE STAN.L	1609325	0	○	○
	PACK.RING D23.8XD14.96 3/8NBR SELF-CENT.	1801075	0	○	○
High Pressure Female Coupling					
	ADAPTER WAP GUN COUPLING FEMALE M21X1.5	66162	0	○	○
	COUPLING GEKA FEMALE - INT THREAD 3/4 IN	1718	0	○	○
	QUICK COUPLING 3/4 W/GASKET	1602945	1	○	○
High Pressure Hose, DN12					
	HP HOSE DN12 10000 AGR-AGR	4810219	0	○	○
	HP HOSE DN12 15000 AGR-AGR	4810213	0	○	○
	HP HOSE DN12 20000 AGR-AGR	4810214	0	○	○



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Brush Rotary					
	BRISTLE. LONG	6401431	0	○	
	NYLON. BRISTLE FOR ROTARY	6401432	0	○	
	ROTARY BRUSH 065 L1700 MM	6400016	1	○	
Special Lance					
	CURVED LANCE L1090 MM	6402016	1	○	○
	UNDER CARRIAGE WASHER 40065	6400036	1	○	
Hose Reel					
	CLEANING TROLLEY SS W/HOSE REEL FOAM IN	6401094	1	○	○
	HOSE TROLLEY UP TO 50 M 3/8	6400170	1	○	○
High Pressure Male Coupling					
	ADAPTOR 3/8 INCH MALE FOR HOSE	6401067	1	○	○
	ADAPTOR KEW GUN TO WAP ACCESS.	66161	0	○	○
	GARDENA COUPLING HOSE END 1/2 BULK	1608629	0	○	○

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	GEKA COUPLING HOSE END 3/4	1311	0	○	○
	LP NIPPLE F. Q.-COUPLING 3/4IN	1600659	0	○	○
	NITO COUPLING HOSE END 1	1604669	0	○	○
Other					
	EXHAUST PIPE 148X197	301001089	1	○	○
	SIDE BAR COMPL.	106402110	1	○	○
	WATER SUCTION KIT 300 L/MIN 06	6402018	1	○	
Injector and Foam Sprayer					
	DETERGENT BOTTLE 2.5 L	107141635	0	○	○
	DETERGENT TANK W. SEALING CAP - 2.5 LTR.	106403162	0	○	○
	EXTENSION HOSE 30 CM WITH ERGO COUPLINGS	301001311	0	○	
	FOAM LANCE COMPLETE L600 MM	6404368	1	○	○
	FOAM LANCE COMPLETE L1200 MM	6404369	1	○	○
Spray Gun					



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	ERGO 3000 GUN W.SWIVEL LOCK+VARIO PRESS	106402191	1	○	○
	REP. KIT SWIVEL JOINT	101119484	0	○	○
	SPRAY HANDLE W. SWIVEL LOCK	106402190	1	○	○
Tornado Nozzle with Indication Ring					
	NOZZLE 0600 IND. RING METALLIC BLUE	101119744	1		
	NOZZLE 0680 INDICATION RING GREY	101119747	1	○	
	NOZZLE PROTECTION F. TORNADOL.	106402425	1	○	○
	NOZZLE TORNADO.1100 W.IND-RING ORANGE	101119756	1		○
Short Lance					
	DOUBLE LANCE W/O NOZZLE 90MM	106402150	1	○	○
	SINGLE LANCE W/O NOZZLE 90MM	106402151	1	○	○
FlexoPower Lance					
	FLEXOPOWER PLUS 960 W/O NOZZLE BLUE	106408229	0	○	○
	FLEXOPOWER PLUS 990 BEND W/O NOZ.	106402281	1	○	○



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	FLEXOPOWER PLUS 990 W/O NOZZLE BLUE	106408228	0	○	○
Hose and Connection					
	NILFISK BA VALVE COMP. GEKA	106411179	0	○	○
	NILFISK BA VALVE COMP. NITO	106411178	0	○	○
	NILFISK BA VALVE WO COUPLER	106411184	0	○	○
	WATER INLET HOSE 3/4 P/	6465	0	○	○

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