

Electrically powered high pressure washers

Electrical powered stationary heating for maximum efficiency in the automotive, industrial, food and shipping sectors. Electrical heating is exhaust gas and pollution free.

The SH SOLAR E line is equipped a large 119 l heating tank and can be produced in several heating sizes from 18 kW to 54 kW depending upon the temperature requirements and available electrical network. Electrical heating is pollution free. The integrated PLC enables machines to be personalized with a range of factory mounted options.

A feeder pump prior to the high pressure pump ensures that the machine can reliably produce a max temp of 85°C, pre-heated in the tank placed before the pump. Thanks to the pre-heating tank, hot water is available as soon as the spray gun is activated.

- Expandable control technology with PLC and special options
- Automatic diagnosis and fault finding
- Pollution free, heating system
- Galvanised steel frame and cabinet
- Reduced running and service costs
- Large 119 L heating tank for excellent heating capacity
- Available up to 54 kW heating
- C3 longlife pump with 4 ceramic pistons

• Standard equipment

• Standard equipment



Picture shown may not represent model quoted

| Model | SH SOLAR 7P-135/875 E18 400/3/50 EU | SH SOLAR 7P-170/1200 E18 400/3/50 EU | SH SOLAR 7P-170/1200 E18 440/3/60 EXPT |
|----------|---|--|--|
| Ref. no. | 107370260 | 107370270 | 107370272 |

PRODUCT FEATURES

| | | | |
|--|---|---|---|
| C3 4-ceramic piston pump | • | • | • |
| Electrical heating system | • | • | • |
| Brass cylinder head | • | • | • |
| Automatic start/stop | • | • | • |
| 1450 rpm motor | • | • | |
| Galvanised steel frame | • | • | • |
| PLC and expandable control electronics | • | • | • |
| Electrical heating tank 119 l | • | • | • |
| Auto fault finding | • | • | • |
| Water brake tank | • | • | • |



Electrically powered high pressure washers

| Model | SH SOLAR 7P-170/1200 E36 400/3/50 EU | SH SOLAR 7P-170/1200 E54 400/3/50 EU | SH SOLAR 7P-170/1200 E54 440/3/60 EXPT |
|--|--|--|--|
| Ref. no. | 107370274 | 107370276 | 107370278 |
| PRODUCT FEATURES | | | |
| C3 4-ceramic piston pump | • | • | • |
| Electrical heating system | • | • | • |
| Brass cylinder head | • | • | • |
| Automatic start/stop | • | • | • |
| 1450 rpm motor | • | • | • |
| Galvanised steel frame | • | • | • |
| PLC and expandable control electronics | • | • | • |
| Electrical heating tank 119 l | • | • | • |
| Auto fault finding | • | • | • |
| Water brake tank | • | • | • |
| Technical specifications | | | |
| | SH SOLAR 7P-135/875 E18 400/3/50 EU | SH SOLAR 7P-170/1200 E18 400/3/50 EU | SH SOLAR 7P-170/1200 E18 440/3/60 EXPT |
| Pump Pressure (bar/MPa) | 135/13.5 | 170/17 | 170/17 |
| Cleaning impact (kg/force) | 3.8 | 5.8 | 5.8 |
| Power consumption (kW) | 5.8 + 18 | 7.5 + 18 | 7.5 + 18 |
| Voltage/phase/frequency/current (V~/Hz/A) | 400/3/50/36 | 400/3/50/39 | 440/3/60 |
| Sound pressure level (dB(A)) | 92 | 92 | 97 |
| Water flow Qmax/Qiec (l/h) | 875/810 | 1200/1110 | 1200/1110 |
| Water temperature, ΔT at full flow (°C) | 19 | 14 | 14 |
| Max. temperature (°C) | 85 | 85 | 85 |
| Nozzle size | .0530 | .0680 | .0680 |
| Max. inlet temperature (°C) | 85 | 85 | 85 |
| Min. inlet water pressure at full flow (bar) | 1 | 1 | 1 |
| Ceramic pistons | 4 | 4 | 4 |
| Length x width x height (mm) | 670x900x1077 | 670x900x1077 | 670x900x1077 |
| Weight (kg) | 150 | 155 | 158 |
| Recommended avg. hours of use per day | 7 | 7 | 7 |



Electrically powered high pressure washers

| Technical specifications | SH SOLAR 7P-170/1200 E36 400/3/50 EU | SH SOLAR 7P-170/1200 E54 400/3/50 EU | SH SOLAR 7P-170/1200 E54 440/3/60 EXPT |
|--|--|--|--|
| Pump Pressure (bar/MPa) | 170/17 | 170/17 | 170/17 |
| Cleaning impact (kg/force) | 5.8 | 5.8 | 5.8 |
| Power consumption (kW) | 7.5 + 36 | 7.5 + 54 | 7.5 + 54 |
| Voltage/phase/frequency/current (V/~/Hz/A) | 400/3/50/65 | 400/3/50/91 | 440/3/60/91 |
| Sound pressure level (dB(A)) | 92 | 92 | 97 |
| Water flow Qmax/Qiec (l/h) | 1200/1110 | 1200/1110 | 1200/1110 |
| Water temperature, ΔT at full flow (°C) | 28 | 42 | 42 |
| Max. temperature (°C) | 85 | 85 | 85 |
| Nozzle size | .0680 | .0680 | .0680 |
| Max. inlet temperature (°C) | 85 | 85 | 85 |
| Min. inlet water pressure at full flow (bar) | 1 | 1 | 1 |
| Ceramic pistons | 4 | 4 | 4 |
| Length x width x height (mm) | 670x900x1077 | 670x900x1077 | 670x900x1077 |
| Weight (kg) | 155 | 156 | 161 |
| Recommended avg. hours of use per day | 7 | 7 | 7 |

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

| Accessories | Ref. no. | Min. required | SH SOLAR 7P-135/875 E18 400/3/50 EU | SH SOLAR 7P-170/1200 E18 400/3/50 EU | SH SOLAR 7P-170/1200 E18 440/3/60 EXPT |
|---|-----------|---------------|--|---|---|
| Standard Nozzle 50° 1/8" NPT | | | | | |
|  HP NOZZLE 50070 1/8 | 5007 | 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 | ○ | ○ | ○ |
| High Pressure Male Coupling | | | | | |



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|---|--|----------|---------------|--|---|---|
|  | 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 | ○ | ○ | ○ |
|  | GEKA COUPLING HOSE END 3/4 | 1311 | 0 | ○ | ○ | ○ |
|  | LP NIPPLE F. Q.-COUPLING 3/4IN | 1600659 | 0 | ○ | ○ | ○ |
|  | NITO COUPLING HOSE END 1 | 1604669 | 0 | ○ | ○ | ○ |
| High Pressure Female Coupling | | | | | | |
|  | ADAPTER KEW QUICK COUPLING FEMALE 3/8 | 66160 | 0 | ○ | ○ | ○ |
|  | ADAPTER WAP GUN COUPLING FEMALE M21X1.5 | 66162 | 0 | ○ | ○ | ○ |
|  | COUPLING GEKA FEMALE - INT THREAD 3/4 IN | 1718 | 0 | ○ | ○ | ○ |
| Abrasive Blasting | | | | | | |
|  | BORONCARBIDE FLAT NOZZLE VSB | 6400379 | 0 | ○ | ○ | ○ |
|  | LANCE SOFTBLASTING W. NOZZLE 05 | 6401233 | 1 | ○ | | |

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|---|-------------------------------------|-----------|---------------|-------------------------------------|--------------------------------------|--|
|  | LANCE WITH RUBBER FLAT NOZZLE 06 | 6401365 | 1 | ○ | ○ | ○ |
|  | NOZZLE FOR WSB - FLAT RUBBER 10 PC. | 6402317 | 0 | ○ | ○ | ○ |
|  | SAND PLUGGER AND HOSE VSB | 6400375 | 1 | ○ | ○ | ○ |
|  | SAND SUPER BLAST 25KG | 8379 | 1 | ○ | ○ | ○ |
| 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 | ○ | ○ | ○ |
| Stationary Equipment | | | | | | |
| | ACCESSORY FROST PROTECTION DELUXE | 107370955 | 1 | ○ | ○ | ○ |
|  | ACCESSORY FROST PROTECTION STANDARD | 107370954 | 1 | ○ | ○ | ○ |
| | COINBOX TOKEN | 54330 | 1 | ○ | ○ | ○ |
| | MAINS CUT OFF BUTTON | 29277 | 1 | ○ | ○ | ○ |
|  | OPTION 1XDETERGENT SOLAR | 107370952 | 1 | ○ | ○ | ○ |
| | OPTION 2XDETERGENT SOLAR | 107370953 | 1 | ○ | ○ | ○ |



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|---|---|-----------|---------------|-------------------------------------|--------------------------------------|--|
| | OPTION AUTOMATIC PRESSURE RELIEF SOLAR | 107370966 | 1 | ○ | ○ | ○ |
| | OPTION COLD/WARM SWITCH SOLAR EH | 107370959 | 1 | ○ | ○ | ○ |
|  | OPTION MULTI MACHINE CONNEX. 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 | ○ | ○ | ○ |
|  | TOKENS Ø22.0X2.3 SET-50 | 12253 | 1 | ○ | ○ | ○ |
| Special Nozzle | | | | | | |
|  | NOZZLE FOR LONG LANCEJET 6-7 M | 2802696 | 0 | ○ | ○ | ○ |
|  | NOZZLE PROTECTION CAP PA | 18430 | 1 | ○ | ○ | ○ |
| Drain and Pipe Cleaning | | | | | | |

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|---|--|-----------|---------------|-------------------------------------|--------------------------------------|--|
|  | DRAIN NOZZLE 05 3/8 | 2800084 | 0 | ○ | | |
|  | DRAIN NOZZLE 06. 3/8 | 2800894 | 1 | | ○ | ○ |
|  | HP HOSE DN10 20000 AGR-DRAIN CLEANER 06 | 6401268 | 1 | ○ | ○ | ○ |
|  | PIPE CLEANING HOSE 10M DN4 | 301002490 | 1 | ○ | | |
|  | PIPE CLEANING HOSE 20M DN4 | 301002491 | 1 | ○ | | |
|  | PIPE CLEANING NOZZLE 1/8INC IG DN4 | 46921 | 1 | ○ | | |
|  | PIPE CLEANING ROTATY NOZZLE 1/8INC IG DN | 46918 | 0 | ○ | | |
|  | TUBE AND DRAIN CLEANER 05 20M | 6401266 | 1 | ○ | | |
| 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 | | | | | | |



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|---|---------------------------------|----------|---------------|--|---|---|
|  | 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 | ○ | ○ | ○ |
|  | 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 | ○ | ○ | ○ |

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|---|--|-----------|---------------|--|---|---|
|  | 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 1 WIRE 15M W.ERGO FEMALE COUPL. | 301001100 | 1 | ○ | | |
|  | HOSE DN8 1 WIRE 20M W.ERGO FEMALE COUPL. | 301001101 | 1 | ○ | | |
|  | HOSE DN8 2 WIRE 10M W.ERGO FEMALE COUPL. | 101405770 | 1 | ○ | | |
|  | HOSE DN8 20 M 1W - 3/8X3/8 | 1405666 | 1 | ○ | | |
| Ergo System Coupling and Adapter | | | | | | |
|  | COUPLING - FEMALE/Q-COUPPL 3/8 INCH | 106402075 | 1 | ○ | ○ | ○ |
|  | ERGO COUPLING KIT | 101119496 | 1 | ○ | ○ | ○ |

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|---|--|-----------|---------------|--|---|---|
|  | HIGH PRESSURE COUPLINGS KIT | 101119499 | 1 | ○ | ○ | ○ |
|  | NIPPEL F. Q-COUPPL. 3/8 INCH | 1600493 | 1 | ○ | ○ | ○ |
|  | NIPPEL F/QUICK COUPLING 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 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 | ○ | ○ | ○ |
| Brush Rotary | | | | | | |
|  | BRISTLE. LONG | 6401431 | 0 | ○ | ○ | ○ |
|  | NYLON. BRISTLE FOR ROTARY | 6401432 | 0 | ○ | ○ | ○ |
|  | ROTARY BRUSH 055 1700MM | 6400019 | 1 | ○ | | |
|  | ROTARY BRUSH 055 L800 MM | 6400018 | 1 | ○ | | |



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|---|--|-----------|---------------|-------------------------------------|--------------------------------------|--|
|  | ROTARY BRUSH 065 L1700 MM | 6400016 | 1 | | ○ | ○ |
| Special Lance | | | | | | |
|  | CURVED LANCE L1090 MM | 6402016 | 1 | ○ | ○ | ○ |
|  | LANCE SINGLE 1500MM W/O NOZZLE | 6401193 | 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 | ○ | ○ | ○ |
| Injector and Foam Sprayer | | | | | | |
|  | 03 INJECTOR COMPLETE | 6401247 | 1 | | ○ | ○ |
|  | 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 INJECTOR AGRESSIVE LQDS | 6401245 | 1 | ○ | ○ | ○ |

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|--|-----------------------------------|-----------|---------------|--|---|---|
|  | FOAM INJECTOR W BYPASS | 6401242 | 1 | ○ | ○ | ○ |
|  | FOAM INJECTOR W BYPASS S. S | 6401243 | 1 | ○ | ○ | ○ |
|  | FOAM INJECTOR STANDARD | 6401244 | 1 | ○ | ○ | ○ |
|  | FOAM LANCE COMPLETE L600 MM | 6404368 | 1 | ○ | ○ | ○ |
|  | FOAM LANCE COMPLETE L1200 MM | 6404369 | 1 | ○ | ○ | ○ |
| Other | | | | | | |
|  | SIDE BAR COMPL. | 106402110 | 1 | ○ | ○ | ○ |
|  | WATER SUCTION KIT 300 L/MIN 06 | 6402018 | 1 | | ○ | ○ |
| Spray Gun | | | | | | |
|  | ERGO 2000 STANDARD W. HOSE SWIVEL | 106403122 | 1 | ○ | ○ | ○ |
|  | REP. KIT SWIVEL JOINT | 101119484 | 0 | ○ | ○ | ○ |
|  | SPRAY HANDLE W. SWIVEL LOCK | 106402190 | 1 | ○ | ○ | ○ |
| Tornado Nozzle with Indication Ring | | | | | | |
|  | NOZZLE 0530 INDICATION RING RED | 101119742 | 1 | ○ | | |

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|---|--------------------------------------|-----------|---------------|-------------------------------------|--------------------------------------|--|
|  | NOZZLE 0680 INDICATION RING GREY | 101119747 | 1 | | ○ | ○ |
|  | NOZZLE PROTECTION F. TORNADOL. | 106402425 | 1 | ○ | ○ | ○ |
| Short Lance | | | | | | |
|  | DOUBLE LANCE W/O NOZZLE 90MM | 106402150 | 1 | ○ | ○ | ○ |
|  | SINGLE LANCE W/O NOZZLE 90MM | 106402151 | 1 | ○ | ○ | ○ |
| FlexoPower Lance | | | | | | |
|  | FLEXOPOWER PLUS 960 BEND W/O NOZZLE | 106402282 | 1 | ○ | ○ | ○ |
|  | FLEXOPOWER PLUS 960 W/O NOZZLE BLUE | 106408229 | 0 | ○ | ○ | ○ |
|  | FLEXOPOWER PLUS 990 BEND W/O NOZ. | 106402281 | 1 | ○ | ○ | ○ |
|  | FLEXOPOWER PLUS 990 W/O NOZZLE BLUE | 106408228 | 0 | ○ | ○ | ○ |
|  | FLEXOPOWER PLUS 1120 W/O NOZZLE BLUE | 106408227 | 0 | ○ | ○ | ○ |
| Tornado Lance | | | | | | |
|  | TORNADO PLUS 630 STRAIGHT W/O NOZZLE | 106403013 | 1 | ○ | ○ | ○ |
|  | TORNADO PLUS 1000 BEND W/O NOZZLE | 106403011 | 1 | ○ | ○ | ○ |



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|---|--|-----------|---------------|--|---|---|
|  | TORNADO PLUS 1120 BEND W/O NOZZLE | 106403010 | 1 | ○ | ○ | ○ |
|  | TORNADO PLUS 2080 BEND W/O NOZZLE | 106403012 | 1 | ○ | ○ | ○ |
| Universal Lance | | | | | | |
|  | UNIVERSAL PLUS 650 W/O NOZZLE STRAIGHT | 106403032 | 1 | ○ | ○ | ○ |
|  | UNIVERSAL PLUS 1080 W/O NOZZ STRAIGHT | 106403033 | 1 | ○ | ○ | ○ |
|  | UNIVERSAL PLUS 1560 W/O NOZZLE STRAIGHT | 106403031 | 1 | ○ | ○ | ○ |
|  | UNIVERSAL PLUS 2060 W/O NOZZLE STRAIGHT | 106403030 | 1 | ○ | ○ | ○ |
|  | UNIVERSAL PLUS LANCE 940 BEND W/O NOZZ | 106403036 | 1 | ○ | ○ | ○ |
|  | UNIVERSAL PLUS LANCE 1080 BEND W/O NOZZ | 106403035 | 1 | ○ | ○ | ○ |
|  | UNIVERSAL PLUS LANCE 1230 BEND W/O NOZZL | 106403034 | 1 | ○ | ○ | ○ |
| PowerSpeed Vario Lance | | | | | | |
|  | POWERSPEED VARIO PLUS 1090 BEND 0530 | 106403094 | 1 | ○ | | |
|  | POWERSPEED VARIO PLUS 1090 BEND 0680 | 106403096 | 1 | | ○ | ○ |
| Surface Cleaning Rotary | | | | | | |



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|---|-----------|---------------|-------------------------------------|--------------------------------------|--|
|  HYDROSCRUB P400 W/O NOZZLES | 106403157 | 0 | ○ | ○ | ○ |

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

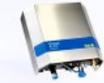
| Accessories | Ref. no. | Min. required | SH SOLAR 7P-170/1200 E36 400/3/50 EU | SH SOLAR 7P-170/1200 E54 400/3/50 EU | SH SOLAR 7P-170/1200 E54 440/3/60 EXPT |
|--|-----------|---------------|--------------------------------------|--------------------------------------|--|
| Standard Nozzle 50° 1/8" NPT | | | | | |
|  HP NOZZLE 50070 1/8 | 5007 | 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 | ○ | ○ | ○ |
| 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 | ○ | ○ | ○ |



Electrically powered high pressure washers

| Accessories | | Ref. no. | Min. required | SH SOLAR 7P-170/1200 E36 400/3/50 EU | SH SOLAR 7P-170/1200 E54 400/3/50 EU | SH SOLAR 7P-170/1200 E54 440/3/60 EXPT |
|---|--|----------|---------------|--------------------------------------|--------------------------------------|--|
|  | GEKA COUPLING HOSE END 3/4 | 1311 | 0 | ○ | ○ | ○ |
|  | LP NIPPLE F. Q.-COUPLING 3/4IN | 1600659 | 0 | ○ | ○ | ○ |
|  | NITO COUPLING HOSE END 1 | 1604669 | 0 | ○ | ○ | ○ |
| High Pressure Female Coupling | | | | | | |
|  | ADAPTER KEW QUICK COUPLING FEMALE 3/8 | 66160 | 0 | ○ | ○ | ○ |
|  | ADAPTER WAP GUN COUPLING FEMALE M21X1.5 | 66162 | 0 | ○ | ○ | ○ |
|  | COUPLING GEKA FEMALE - INT THREAD 3/4 IN | 1718 | 0 | ○ | ○ | ○ |
| Abrasive Blasting | | | | | | |
|  | BORONCARBIDE FLAT NOZZLE VSB | 6400379 | 0 | ○ | ○ | ○ |
|  | LANCE SOFTBLASTING W. NOZZLE 05 | 6401233 | 1 | | | |
|  | LANCE WITH RUBBER FLAT NOZZLE 06 | 6401365 | 1 | ○ | ○ | ○ |
|  | NOZZLE FOR WSB - FLAT RUBBER 10 PC. | 6402317 | 0 | ○ | ○ | ○ |
|  | SAND PLUGGER AND HOSE VSB | 6400375 | 1 | ○ | ○ | ○ |

Electrically powered high pressure washers

| Accessories | | Ref. no. | Min. required | SH SOLAR 7P-170/1200 E36 400/3/50 EU | SH SOLAR 7P-170/1200 E54 400/3/50 EU | SH SOLAR 7P-170/1200 E54 440/3/60 EXPT |
|--|--|-----------|---------------|--------------------------------------|--------------------------------------|--|
|  | SAND SUPER BLAST 25KG | 8379 | 1 | ○ | ○ | ○ |
| 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 | ○ | ○ | ○ |
| Stationary Equipment | | | | | | |
| | ACCESSORY FROST PROTECTION DELUXE | 107370955 | 1 | ○ | ○ | ○ |
|  | ACCESSORY FROST PROTECTION STANDARD | 107370954 | 1 | ○ | ○ | ○ |
| | COINBOX TOKEN | 54330 | 1 | ○ | ○ | ○ |
| | MAINS CUT OFF BUTTON | 29277 | 1 | ○ | ○ | ○ |
|  | OPTION 1XDETERGENT SOLAR | 107370952 | 1 | ○ | ○ | ○ |
| | OPTION 2XDETERGENT SOLAR | 107370953 | 1 | ○ | ○ | ○ |
| | OPTION AUTOMATIC PRESSURE RELIEF SOLAR | 107370966 | 1 | ○ | ○ | ○ |
| | OPTION COLD/WARM SWITCH SOLAR EH | 107370959 | 1 | ○ | ○ | ○ |
|  | OPTION MULTI MACHINE CONNEC. BOX SOLAR | 107370964 | 1 | ○ | ○ | ○ |
|  | OPTION NO-SCALE SOLAR | 107370958 | 1 | ○ | ○ | ○ |

Electrically powered high pressure washers

| Accessories | | Ref. no. | Min. required | SH SOLAR 7P-170/1200 E36 400/3/50 EU | SH SOLAR 7P-170/1200 E54 400/3/50 EU | SH SOLAR 7P-170/1200 E54 440/3/60 EXPT |
|---|---|-----------|---------------|--------------------------------------|--------------------------------------|--|
|  | 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 | ○ | ○ | ○ |
|  | TOKENS Ø22.0X2.3 SET-50 | 12253 | 1 | ○ | ○ | ○ |
| Special Nozzle | | | | | | |
|  | NOZZLE FOR LONG LANCEJET 6-7 M | 2802696 | 0 | ○ | ○ | ○ |
|  | NOZZLE PROTECTION CAP PA | 18430 | 1 | ○ | ○ | ○ |
| Drain and Pipe Cleaning | | | | | | |
|  | DRAIN NOZZLE 05 3/8 | 2800084 | 0 | | | |
|  | DRAIN NOZZLE 06. 3/8 | 2800894 | 1 | ○ | ○ | ○ |
|  | HP HOSE DN10 20000 AGR-DRAIN CLEANER 06 | 6401268 | 1 | ○ | ○ | ○ |

Electrically powered high pressure washers

| Accessories | | Ref. no. | Min. required | SH SOLAR 7P-170/1200 E36 400/3/50 EU | SH SOLAR 7P-170/1200 E54 400/3/50 EU | SH SOLAR 7P-170/1200 E54 440/3/60 EXPT |
|---|--|-----------|---------------|--------------------------------------|--------------------------------------|--|
|  | PIPE CLEANING HOSE 10M DN4 | 301002490 | 1 | | | |
|  | PIPE CLEANING HOSE 20M DN4 | 301002491 | 1 | | | |
|  | PIPE CLEANING NOZZLE 1/8INC IG DN4 | 46921 | 1 | | | |
|  | PIPE CLEANING ROTATY NOZZLE 1/8INC IG DN | 46918 | 0 | | | |
|  | TUBE AND DRAIN CLEANER 05 20M | 6401266 | 1 | | | |
| 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 | ○ | ○ | ○ |



Electrically powered high pressure washers

| Accessories | | Ref. no. | Min. required | SH SOLAR 7P-170/1200 E36 400/3/50 EU | SH SOLAR 7P-170/1200 E54 400/3/50 EU | SH SOLAR 7P-170/1200 E54 440/3/60 EXPT |
|---|---------------------------------|----------|---------------|--------------------------------------|--------------------------------------|--|
|  | 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 | ○ | ○ | ○ |
|  | 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 | ○ | ○ | ○ |

Electrically powered high pressure washers

| Accessories | | Ref. no. | Min. required | SH SOLAR 7P-170/1200 E36 400/3/50 EU | SH SOLAR 7P-170/1200 E54 400/3/50 EU | SH SOLAR 7P-170/1200 E54 440/3/60 EXPT |
|---|--|-----------|---------------|--------------------------------------|--------------------------------------|--|
|  | HP HOSE DN10 50000 AGR-AGR | 1402759 | 1 | ○ | ○ | ○ |
| High Pressure Hose, DN8 | | | | | | |
|  | 10 M 2 WIRE HOSE 5/16 DN8 | 1405569 | 1 | | | |
|  | HOSE DN8 1 WIRE 15M W.ERGO FEMALE COUPL. | 301001100 | 1 | | | |
|  | HOSE DN8 1 WIRE 20M W.ERGO FEMALE COUPL. | 301001101 | 1 | | | |
|  | HOSE DN8 2 WIRE 10M W.ERGO FEMALE COUPL | 101405770 | 1 | | | |
|  | HOSE DN8 20 M 1W - 3/8X3/8 | 1405666 | 1 | | | |
| Ergo System Coupling and Adapter | | | | | | |
|  | COUPLING - FEMALE/Q-COUPPL 3/8 INCH | 106402075 | 1 | ○ | ○ | ○ |
|  | ERGO COUPLING KIT | 101119496 | 1 | ○ | ○ | ○ |
|  | HIGH PRESSURE COUPLINGS KIT | 101119499 | 1 | ○ | ○ | ○ |
|  | NIPPEL F. Q-COUPPL. 3/8 INCH | 1600493 | 1 | ○ | ○ | ○ |
|  | NIPPLE F/QUICK COULING 3/8 SS | 1603101 | 1 | ○ | ○ | ○ |

Electrically powered high pressure washers

| Accessories | | Ref. no. | Min. required | SH SOLAR 7P-170/1200 E36 400/3/50 EU | SH SOLAR 7P-170/1200 E54 400/3/50 EU | SH SOLAR 7P-170/1200 E54 440/3/60 EXPT |
|---|--|----------|---------------|--------------------------------------|--------------------------------------|--|
|  | NIPPLE FOR SPRAY LANCE STAN.L | 1609325 | 0 | ○ | ○ | ○ |
| | PACK.RING D23.8XD14.96 3/8NBR SELF-CENT. | 1801075 | 0 | ○ | ○ | ○ |
| 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 | ○ | ○ | ○ |
| Brush Rotary | | | | | | |
|  | BRISTLE. LONG | 6401431 | 0 | ○ | ○ | ○ |
|  | NYLON. BRISTLE FOR ROTARY | 6401432 | 0 | ○ | ○ | ○ |
|  | ROTARY BRUSH 055 1700MM | 6400019 | 1 | | | |
|  | ROTARY BRUSH 055 L800 MM | 6400018 | 1 | | | |
|  | ROTARY BRUSH 065 L1700 MM | 6400016 | 1 | ○ | ○ | ○ |
| Special Lance | | | | | | |
|  | CURVED LANCE L1090 MM | 6402016 | 1 | ○ | ○ | ○ |

Electrically powered high pressure washers

| Accessories | | Ref. no. | Min. required | SH SOLAR 7P-170/1200 E36 400/3/50 EU | SH SOLAR 7P-170/1200 E54 400/3/50 EU | SH SOLAR 7P-170/1200 E54 440/3/60 EXPT |
|---|--|-----------|---------------|--------------------------------------|--------------------------------------|--|
|  | LANCE SINGLE 1500MM W/O NOZZLE | 6401193 | 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 | ○ | ○ | ○ |
| Injector and Foam Sprayer | | | | | | |
|  | 03 INJECTOR COMPLETE | 6401247 | 1 | ○ | ○ | ○ |
|  | 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 INJECTOR AGRESSIVE LQDS | 6401245 | 1 | ○ | ○ | ○ |
|  | FOAM INJECTOR W BYPASS | 6401242 | 1 | ○ | ○ | ○ |
|  | FOAM INJECTOR W BYPASS S. S | 6401243 | 1 | ○ | ○ | ○ |

Electrically powered high pressure washers

| Accessories | | Ref. no. | Min. required | SH SOLAR 7P-170/1200 E36 400/3/50 EU | SH SOLAR 7P-170/1200 E54 400/3/50 EU | SH SOLAR 7P-170/1200 E54 440/3/60 EXPT |
|---|-----------------------------------|-----------|---------------|--------------------------------------|--------------------------------------|--|
|  | FOAM INJECTOR STANDARD | 6401244 | 1 | ○ | ○ | ○ |
|  | FOAM LANCE COMPLETE L600 MM | 6404368 | 1 | ○ | ○ | ○ |
|  | FOAM LANCE COMPLETE L1200 MM | 6404369 | 1 | ○ | ○ | ○ |
| Other | | | | | | |
|  | SIDE BAR COMPL. | 106402110 | 1 | ○ | ○ | ○ |
|  | WATER SUCTION KIT 300 L/MIN 06 | 6402018 | 1 | ○ | ○ | ○ |
| Spray Gun | | | | | | |
|  | ERGO 2000 STANDARD W. HOSE SWIVEL | 106403122 | 1 | ○ | ○ | ○ |
|  | REP. KIT SWIVEL JOINT | 101119484 | 0 | ○ | ○ | ○ |
|  | SPRAY HANDLE W. SWIVEL LOCK | 106402190 | 1 | ○ | ○ | ○ |
| Tornado Nozzle with Indication Ring | | | | | | |
|  | NOZZLE 0530 INDICATION RING RED | 101119742 | 1 | | | |
|  | NOZZLE 0680 INDICATION RING GREY | 101119747 | 1 | ○ | ○ | ○ |
|  | NOZZLE PROTECTION F. TORNADOL. | 106402425 | 1 | ○ | ○ | ○ |

Electrically powered high pressure washers

| Accessories | | Ref. no. | Min. required | SH SOLAR 7P-170/1200 E36 400/3/50 EU | SH SOLAR 7P-170/1200 E54 400/3/50 EU | SH SOLAR 7P-170/1200 E54 440/3/60 EXPT |
|---|--------------------------------------|-----------|---------------|--------------------------------------|--------------------------------------|--|
| Short Lance | | | | | | |
|  | DOUBLE LANCE W/O NOZZLE 90MM | 106402150 | 1 | ○ | ○ | ○ |
|  | SINGLE LANCE W/O NOZZLE 90MM | 106402151 | 1 | ○ | ○ | ○ |
| FlexoPower Lance | | | | | | |
|  | FLEXOPOWER PLUS 960 BEND W/O NOZZLE | 106402282 | 1 | ○ | ○ | ○ |
|  | FLEXOPOWER PLUS 960 W/O NOZZLE BLUE | 106408229 | 0 | ○ | ○ | ○ |
|  | FLEXOPOWER PLUS 990 BEND W/O NOZ. | 106402281 | 1 | ○ | ○ | ○ |
|  | FLEXOPOWER PLUS 990 W/O NOZZLE BLUE | 106408228 | 0 | ○ | ○ | ○ |
|  | FLEXOPOWER PLUS 1120 W/O NOZZLE BLUE | 106408227 | 0 | ○ | ○ | ○ |
| Tornado Lance | | | | | | |
|  | TORNADO PLUS 630 STRAIGHT W/O NOZZLE | 106403013 | 1 | ○ | ○ | ○ |
|  | TORNADO PLUS 1000 BEND W/O NOZZLE | 106403011 | 1 | ○ | ○ | ○ |
|  | TORNADO PLUS 1120 BEND W/O NOZZLE | 106403010 | 1 | ○ | ○ | ○ |
|  | TORNADO PLUS 2080 BEND W/O NOZZLE | 106403012 | 1 | ○ | ○ | ○ |



Electrically powered high pressure washers

| Accessories | | Ref. no. | Min. required | SH SOLAR 7P-170/1200 E36 400/3/50 EU | SH SOLAR 7P-170/1200 E54 400/3/50 EU | SH SOLAR 7P-170/1200 E54 440/3/60 EXPT |
|---|--|-----------|---------------|--------------------------------------|--------------------------------------|--|
| Universal Lance | | | | | | |
|  | UNIVERSAL PLUS 650 W/O NOZZLE STRAIGHT | 106403032 | 1 | ○ | ○ | ○ |
|  | UNIVERSAL PLUS 1080 W/O NOZZ STRAIGHT | 106403033 | 1 | ○ | ○ | ○ |
|  | UNIVERSAL PLUS 1560 W/O NOZZLE STRAIGHT | 106403031 | 1 | ○ | ○ | ○ |
|  | UNIVERSAL PLUS 2060 W/O NOZZLE STRAIGHT | 106403030 | 1 | ○ | ○ | ○ |
|  | UNIVERSAL PLUS LANCE 940 BEND W/O NOZZ | 106403036 | 1 | ○ | ○ | ○ |
|  | UNIVERSAL PLUS LANCE 1080 BEND W/O NOZZ | 106403035 | 1 | ○ | ○ | ○ |
|  | UNIVERSAL PLUS LANCE 1230 BEND W/O NOZZL | 106403034 | 1 | ○ | ○ | ○ |
| PowerSpeed Vario Lance | | | | | | |
|  | POWERSPEED VARIO PLUS 1090 BEND 0530 | 106403094 | 1 | | | |
|  | POWERSPEED VARIO PLUS 1090 BEND 0680 | 106403096 | 1 | ○ | ○ | ○ |
| Surface Cleaning Rotary | | | | | | |
|  | HYDROSCRUB P400 W/O NOZZLES | 106403157 | 0 | ○ | ○ | ○ |