# LSC1.4S

## PUDDLE SUCKING

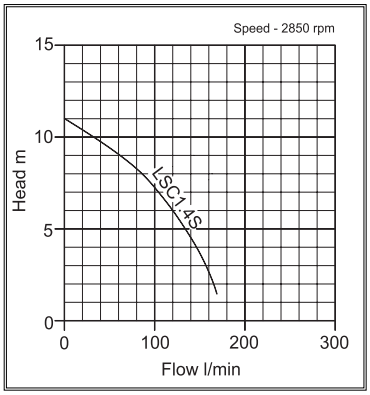
- Hire fleets
- Construction
- Utilities
- Flood control
- Fixed installations
- Lift shafts

The LSC1.4S or “puddle sucker” is able to pump water down to 1mm, which makes it suitable for pumping large or small areas of nuisance water found on flat surfaces. It incorporates a dual position outlet port, to enable the user to position the outlet hose horizontally or vertically and avoid it kinking. For improved durability, during robust handling, it has a pressed steel outer casing and a cast aluminium pump stand to offer increased protection of the stainless steel and rubber base plate. A combination of a rubber pump chamber and a urethane vortex impeller enables the design to offer excellent wear resistance in site water applications that contain sand and silt in suspension, thus maintaining performance and reliability. An additional feature is an integral swing check valve which will prevent backflow of water from the discharge hose, containing priming water for pumping to begin quickly. Quality is further enhanced with a 403 stainless steel shaft that is fitted with an ultra hardwearing, silicon carbide, double mechanical seal (in an oil chamber), and an oil lifter to maintain seal lubrication during operation in any position. This feature, combined with the water and air cooling route to the top outlet, allows the pump to operate for extended periods while pumping small amounts of water. Used widely by hire outlets, utilities and flood control companies. Supplied with 10 metres of heavy duty rubber power cable.

Management of water levels can be controlled with a SwitcH20 system or a Tsurumi Sensor.

The SwitcH20 consists of 3 probes, in 304 stainless steel, that are set in an epoxy-resin filled holder and they represent on, off and common. The SwitcH20 here is supplied with a Simplex control panel and 10 metres of low voltage, PVC power cable. For full details of this product see page 77.

The Sensor is an electronic float switch with two stainless steel probes. These are encapsulated in impact resistant moulded rubber, hence this switch is suited to portable applications. However, the compact design and precise level control also makes it suitable for fixed installations and narrow or shallow sumps. As an optional extra, probe extensions are available to enable pumping down to between 85mm and almost ground level, depending on the sump size/area being drained. The extensions are an optional extra for the standard Sensor (see page 78).




| item code | Model | Manual or Auto | outlet (mm) | kW | volt | flow (l/min) | head (mtrs) | w x l x h (mm) | on level (mm) | off level (mm) | dry weight (kgs) | Price (£) | code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10-10-1186 | LSC1.4S | M | 25 | 0.48 | 110 | 170 | 11 | Ø196x316 | - | - | 12.00 | 438.00 | 2 |
| 10-10-1233 | LSC1.4S | M | 25 | 0.48 | 230 | 170 | 11 | Ø196x316 | - | - | 12.00 | 438.00 | 2 |
| 10-10-1024 | LSC 1.4S | M | 50 | 0.48 | 110 | 170 | 11 | Ø196x316 | - | - | 12.00 | 452.00 | 2 |
| 10-10-1256 | LSC 1.4S | M | 50 | 0.48 | 230 | 170 | 11 | Ø196x316 | - | - | 12.00 | 452.00 | 2 |
| 10-10-1144 | LSC1.4S c/w Sensor | A | 25 | 0.48 | 110 | 170 | 11 | 227x196x316 | 258 | 145 | 12.70 | 648.00 | 2 |
| 10-10-1222 | LSC1.4S c/w Sensor | A | 25 | 0.48 | 230 | 170 | 11 | 227x196x316 | 258 | 145 | 12.70 | 648.00 | 2 |
| 10-10-1057 | LSC1.4S c/w Sensor | A | 50 | 0.48 | 110 | 170 | 11 | 227x196x316 | 258 | 145 | 12.70 | 662.00 | 2 |
| 10-10-1157 | LSC1.4S c/w Sensor | A | 50 | 0.48 | 230 | 170 | 11 | 227x196x316 | 258 | 145 | 12.70 | 662.00 | 2 |
| 10-10-1252 | LSC1.4S c/w SwitcH2O & control panel | A | 25 | 0.48 | 110 | 170 | 11 | 221x196x316 | 15 - 50 | 5 - 40 | 12.05 | 678.00 | 2 |
| 10-10-1224 | LSC1.4S c/w SwitcH2O & control panel | A | 25 | 0.48 | 230 | 170 | 11 | 221x196x316 | 15 - 50 | 5 - 40 | 12.05 | 678.00 | 2 |
| 10-10-1171 | LSC1.4S c/w SwitcH2O & control panel | A | 50 | 0.48 | 110 | 170 | 11 | 221x196x316 | 15 - 50 | 5 - 40 | 12.05 | 693.00 | 2 |
| 10-10-1071 | LSC1.4S c/w SwitcH2O & control panel | A | 50 | 0.48 | 230 | 170 | 11 | 221x196x316 | 15 - 50 | 5 - 40 | 12.05 | 693.00 | 2 |