



# LSC1.4S

## PUDDLE SUCKING

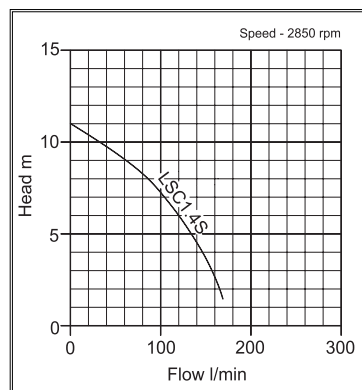
The LSC1.4S or “puddle sucker” is able to pump water down to 1mm, which makes it suitable for pumping large or small areas of nuisance water found on flat surfaces. It incorporates a dual position outlet port, to enable the user to position the outlet hose horizontally or vertically and avoid it kinking. 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 [SwitchH2O](#) system or a Tsurumi [Sensor](#).

The [SwitchH2O](#) 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 [SwitchH2O](#) 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).

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



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 SwitchH2O & 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 SwitchH2O & 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 SwitchH2O & 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 SwitchH2O & control panel	A	50	0.48	230	170	11	221x196x316	15 - 50	5 - 40	12.05	693.00	2