LSC1.4S

PUDDLE SUCKING

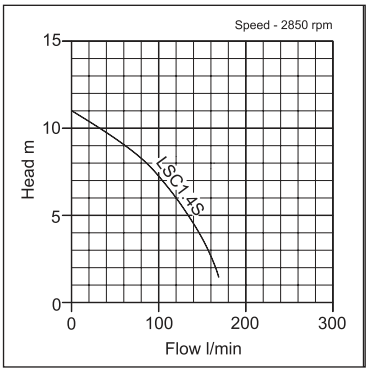
The LSC1.4S or "puddle sucker" is able to pump water down to 1mm, which makes it suitable for pumping large or small areas of nuisance water found on flat surfaces. It incorporates a dual position outlet port, to enable the user to position the outlet hose horizontally or vertically and avoid it kinking. For durability, during robust handling, it has a pressed steel outer casing and a cast aluminium pump stand to offer increased protection of the 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 to prevent back flow of water from the discharge hose. Quality is further enhanced with a 403 stainless steel shaft that is fitted with an ultra hardwearing double mechanical seal (inboard: silicon carbide-silicon carbide) – which runs in an oil chamber that has 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 with little or no water. Used widely by hire outlets, utilities and flood control companies. Supplied with 10 metres of heavy duty rubber power cable.

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

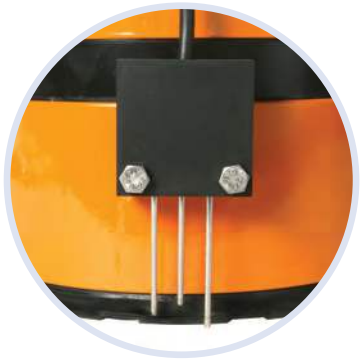
Management of water levels can be controlled with a SwitcH$_2$0 system or a Tsurumi Sensor+E.

The SwitcH$_2$0 consists of 3 probes, in 304 stainless steel, that are set in an epoxy-resin filled holder and they represent on, off and common. The SwitcH$_2$0 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 66.

The Sensor+E is an electronic float switch with 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 make it suitable for fixed installations and narrow or shallow sumps. Sensor+E is supplied with probe extensions to enable pumping down to 85mm, or further, depending on the sump size/area being drained. The extensions are an optional extra for the standard Sensor (page 66).



LSC1.4S



SwitcH$_2$O

Sensor+E

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)	packing weight (kgs)	Price (£)	code
LSC1.4S	M	25	0.48	110•230	170	11	Ø196x316	-	-	12.00	13.75	445.00	2
LSC1.4S	M	50	0.48	110•230	170	11	Ø196x316	-	-	12.00	13.75	451.00	2
LSC1.4S c/w Sensor+E	A	25	0.48	110•230	170	11	227x196x316	258	85	12.70	14.45	635.00	2
LSC1.4S c/w Sensor+E	A	50	0.48	110•230	170	11	227x196x316	258	85	12.70	14.45	641.00	2
LSC1.4S c/w SwitcH$_2$0 & control panel	A	25	0.48	110•230	170	11	221x196x316	15 - 50	5 - 40	12.05	15.58	665.00	2
LSC1.4S c/w SwitcH$_2$0 & control panel	A	50	0.48	110•230	170	11	221x196x316	15 - 50	5 - 40	12.05	15.58	671.00	2