

# SUBMERSIBLE SITE DRAINAGE

## HS (MANUAL) SINGLE PHASE

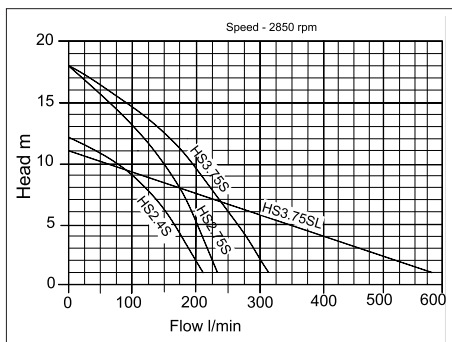


The **HS** series is a lightweight and robust range of single-phase contractors' pumps used widely by tool rental companies, utilities and in the construction industry. The hydraulic design features a double mechanical seal, with an oil lifter, for positive seal lubrication in any operating position; the spiral shape minimizes clogging. These combine with a urethane impeller, stirrer and cast iron pump chamber to give excellent wear and blockage resistance in water that contains sand and silt. The high-performance motor enables long periods of operation while partially submerged.

The puddle pump adaptor kit is an optional extra that will convert the **HS2.4S** manual to a puddle sucker. It will enable the pumping of water levels down to 10mm, maximize utilisation and is very simple to fit. The kit comprises a rubber coated steel bottom plate, stainless steel bolts, nuts and washers.

**Fluid:** Rain water | Ground water | Sand carrying water | Temperature: 0 - 40°C

**Application:** Hire fleets | Construction | Utilities | Dewatering | Fixed installations | Processing



HS	Impeller	Shaft seal	Level switch (automatic)
	Semi-vortex	Double mechanical	Pendant, Agma or Sensor (optional)

Pump	Handle	Outlet	Pump casing
	Steel & rubber	Cast aluminium	Ductile iron
	Impeller	Shaft seal	Lubrication
	Urethane	Silicon carbide	Oil
	Shaft	Strainer	Stirrer
	S/S 410S	PVC	Sintered alloy
	Level switch (Pendant)	Level switch (Agma)	Level switch (Sensor)
	Polypropylene	Polypropylene & PC	Rubber & S/S 304

Motor	Poles, protection	Insulation	Thermal protection	Starting
	2 pole, IP68	Class E	Integral	Internal capacitor
	Motor frame & head cover		Power cable (10mtr) & switch cable	
	Cast aluminium		Rubber	

### PUDDLE PUMP ADAPTOR

Convert the HS2.4S by fitting a residue plate.

Rubber coated steel plate

Pumps down to 10mm



**HS2.4S manual**



**HS3.75S manual**



**HS3.75SL manual**

item code	model	Manual or Auto	outlet (mm)	kW	volt	flow (l/min)	head (mtrs)	free passage (mm)	w x l x h (mm)	dry weight (kgs)
10-10-1163	HS2.4S	M	50	0.4	110	205	12	7	185x241x328	11.3
10-10-1181	HS2.4S	M	50	0.4	230	205	12	7	185x241x328	11.3
10-10-1020	HS2.75S	M	50	0.75	110	230	18	7	185x290x385	16.9
10-10-1095	HS2.75S	M	50	0.75	230	230	18	7	185x290x385	16.9
10-10-1147	HS3.75S	M	75	0.75	110	310	18	7	184x290x385	16.9
10-10-1159	HS3.75S	M	75	0.75	230	310	18	7	184x290x385	16.9
10-10-1102	HS3.75SL	M	75	0.75	110	580	10.8	7	184x290x425	19.6
10-10-1108	HS3.75SL	M	75	0.75	230	580	10.8	7	184x290x425	19.6
10-85-1016	Puddle pump adaptor kit for HS2.4S									0.55