

## SUBMERSIBLE Shredder/Grinder Mechanism

### W-750 SK / W-1500 SK (1 phase) WT-1500 SK (3 phase)

Sewage and waste water pumps

### APPLICATION

Suitable for domestic sewage and wastewater containing human faeces and water soluble toilet paper only.

**Not suitable** when liquid contains hard solids i.e. sand, stones, gravel, wood, stringy material like clothes, plastic bags, sanitary pads, nappies or tough non water soluble papers like wet wipes, cardboard or rubber etc...

### DESIGN FEATURES

- Advanced shredding / grinding mechanism
- Fixed suction cover under impeller having specifically designed edges and grooves in combination with rotating impeller shreds / grinds soft sewage particles for easy pumping without any blockage
- Surface hardening heat treatment is done on specific areas of the impeller vanes and cutting edges to increase efficiency, reliability and performance
- Triplex sealing **Double Mechanical Seal** in oil bath plus an oil seal arrangement for protection of motor
- Unique epoxy cable sealing protects from water entering motor
- Heavy duty upper and lower ball bearings ensure smooth operation and supports axial load / thrust
- W-750 SK pump comes with built-in float switch for automatic liquid level operation
- W-1500 SK / WT-1500 SK pumps are supplied with separate float and control panel having built-in motor protection and high level alarm facility
- All pumps come with standard base mounting. Auto coupling option available for W-750 SK



**W-1500 SK**

Fixed suction cover having specifically designed edges & grooves in combination with rotating impeller of special design, shreds / grinds soft sewage particles

### TECHNICAL DATA

Model	Motor kW / HP	Volt / Phase	Discharge size	Full Load current
W-750 SK	0.75 / 1.0	230/240v / 1 ph	50mm	7.0 amps
W-1500 SK	1.5 / 2.0	230/240v / 1 ph	80mm	14.0 amps
WT-1500 SK	1.5 / 2.0	400v / 3 ph	80mm	3.2 amps

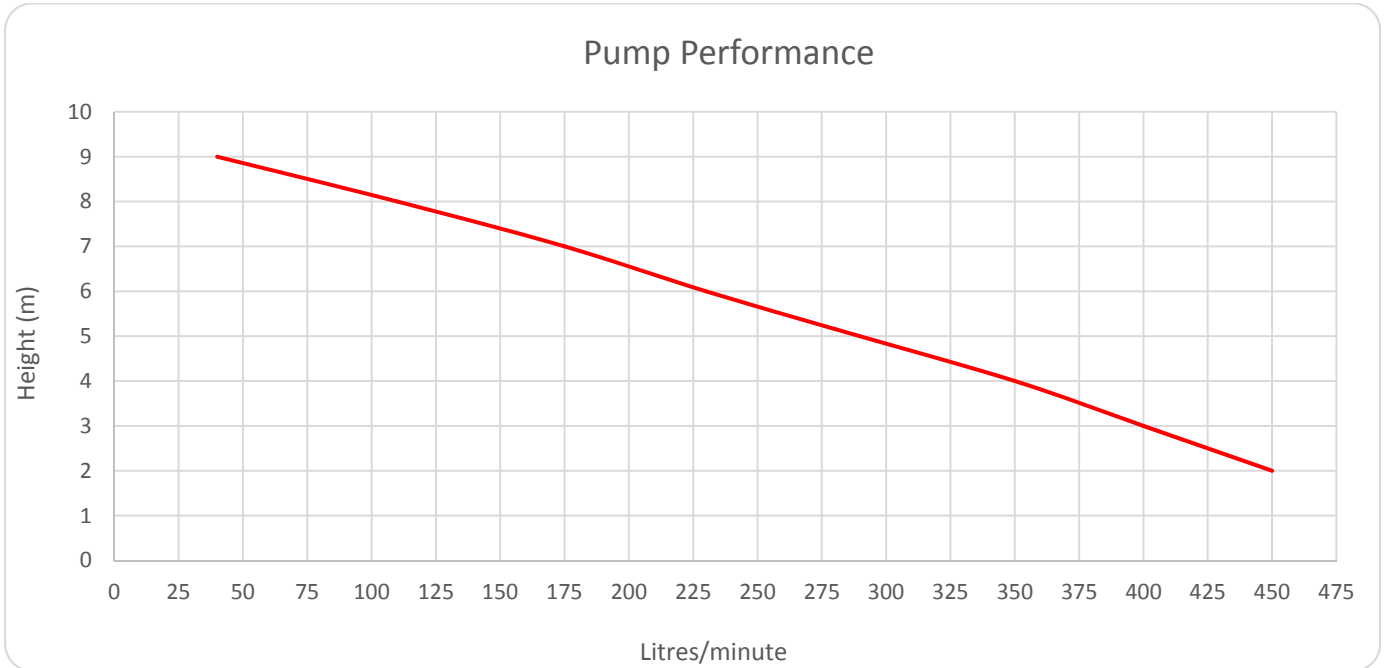
### DIMENSIONS

Model	Height (mm)	Max Width	Body DIA (mm)	Weight (Kg)	Cable(M)
W-750 SK	495	290	225 Ø	22	6
W-1500 SK	550	355	265 Ø	36	10
WT-1500 SK	445	355	265 Ø	30	10

## MINIMUM SUMP DIMENSIONS

Model	Height (mm)	Width (mm)	Length (mm)
W-750 SK	700	700	700
W-1500 SK	1000	1000	1000
WT-1500 SK	1000	1000	1000

W-750 SK



W-1500 SK / WT-1500 SK

