

# SELWOOD S100

solids handling pump



[Drainage pump](#) [Mobile pump set](#)

## Description

The 'S pumps' are leading pumps for applications where media containing solid particles need to be pumped.

Because these pumps use Seltorgue Vortex hydraulics, they are suitable for a wide range of applications.

## Applications

- o raw sewage
- o sand and silt
- o medium with solid particles
- o medium with long-fiber materials
- o bentonite

## Specifications

- o capacity: 165 m<sup>3</sup>/h
- o delivery head: 21.3 m
- o min. speed: 1000 rpm
- o max. speed: 1600 rpm
- o suction head: 8.8 m
- o pump housing: cast iron
- o pump shaft: stainless steel
- o bearings: ball bearings
- o Suction connection: DN100 PN10
- o Discharge connection: DN100 PN10
- o Impeller: cast iron
- o Impeller type/channels/diameter: vortex/6/215 mm
- o Mechanical seal: silicon carbide/ceramic
- o Check valve housing: cast iron
- o Free passage: 75 mm
- o air handling: 24 l/s
- o power consumption Selprime®: 2.2 kW
- o power consumption pump: 16 kW
- o dimensions pump section: 930 × 680 × 710 mm (l×w×h)
- o weight pump section: 225 kg



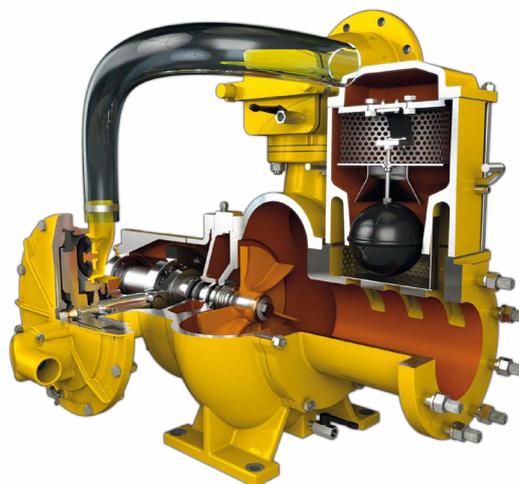


## Vacuum pump - Selprime®

Selprime® is the original Selwood water-tolerant vacuum pump. An environmentally friendly design that is less sensitive to (oil) contamination than other dry self-priming systems.

### Optional

- o pump accessories such as valves, gaskets, couplings, (suction) hose sets, etc.
- o external fuel connection
- o auto start/stop system via ball floats
- o telemetry system
- o (gas) oil drainage kit
- o service kits
- o switch boxes
- o frequency converters



### Technical data Selwood S100

STANDARD VERSIONS	FRAME 4 WHEELS	FRAME STATIONARY	SOUND DAMPENED
LENGTH	2650 mm	1750 mm	2330 mm
WIDTH	1220 mm	1000 mm	1530 mm
HEIGHT	1440 mm	1290 mm	1780 mm
DRY WEIGHT	790 kg	845 kg	1620 kg
WEIGHT INCL. LIQUIDS	880 kg	933 kg	1802 kg
NOISE LEVEL	107 LWA	109 LWA	87 LWA
SOUND PRESSURE @ 1M	87 db(A)	89 db(A)	65 db(A)
SOUND PRESSURE @ 7M	81 db(A)	84 db(A)	56 db(A)
MOTOR	DEUTZD201 IL03i	DEUTZD201 IL03i	CAT 2.2
EMISSION STANDARD	EU Stage IIIA	EU Stage IIIA	EU Stage IIIA
MAX. SPEED	1600 tpm	1600 tpm	1600 tpm
FUEL TANK CAPACITY	105 L	105 L	219 L
FUEL CONSUMPTION	0,9 l/h		0,9 l/h