

# Specification Data Sheet

 Issue 2:  
 December 2022

## SLF6

SUCTION EXCAVATOR

**45 METRE**  
 SUCTION DEPTH\*

**120 METRE**  
 SUCTION DISTANCE\*


\*depending on configuration

General Data	
Chassis Requirements	26-32 t
Wheelbase*	4550 - 4800 mm
Hopper Discharge	Side tip
Chassis Engine Requirements	335 kW/450 HP (minimum)
Discharge Height	1556 mm
Discharge Angle	70°
Control system	CANBus with diagnostic & radio remote control
Compressed air system	9 m <sup>3</sup> /min, 7 bar
Capacities	
Hopper Capacity	6m <sup>3</sup>
Fuel Tank	700 Litres (customer specific)
Hydraulic System	200 Litres (275 HydraDrive)
Rear Power Arm	
Pivoting	180°
Range	6,000mm
Suction Hose Diameter	250mm
Suction System	
Max. Volume	42,000 m <sup>3</sup> /h
Max. Vacuum	40,000 Pa
Filter System	40 cartridge filters, automatic filter cleaning system

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## Suction System

- Split-drive engine PTO
- Twin-900dia fans which are operated in tandem
- Operational fan speed variable between 2400 RPM – 4000 RPM to suit operation
- Belt Drive or HydraDrive available

## Electrical System

- CAN-bus iSS (Intelligent Suction System)
- STODD (Stock Total Onboard Diagnostic Display)
- 24 volt
- Hour Meter
- All external loom connections are full automotive IP67 rated

## Hopper, Lid & Fan Enclosure

- Hopper & lid fabricated from heavy-duty stainless-steel plate
- Fan enclosures are fabricated from mild steel plate
- Fan enclosures are lined with frequency matched soundproofing material
- Painted in One Solid Colour
- Dual (2x) Stabiliser Legs



## Anti-static Discharge

- 14m retractable rear-mounted earthing hose reel

## Optional Equipment

- Camera monitoring systems
- 6M Radar Reversing Safety Sensors
- Lights – Safety Perimeter Danger Zone Lighting
- Supa-wash - high pressure washing system (32 l/min @ 100 bar), c/w hand lance, hose reel & 15m hose
- Gas detection system
- Rotata rotary head

## Rear Hydraulic Articulated Power-Arm

- Patent pending hose rotation system
- 250mm hose diameter
- 6m range, 180° pivot



## Compressed Air

- Screw compressor
- Jet Spade XT™ trenching tool
- 9m<sup>3</sup>/min, 7bar
- Oiled, 7m retractable rear-mounted pneumatic hose reel (for use with air tools which require lubrication)
- Clean, 7m retractable rear mounted pneumatic hose reel (for use with the Jet Spade XT trenching tool)

## Safety and Lighting

- 3x IP67 E-stop control circuit
- Rear Door Chevrons (Full 'Chapter 8'-Compliant)
- 4' LED Cab Mounted Beacon
- Rear lid mounted LED amber strobe light
- Twin rear arm mounted LED work lights
- Twin grille front mounted LED amber strobe lights
- Arm painted in bright yellow for visibility

## Controls

The master control panel is mounted within the fan enclosure. With iSS & STODD operating systems it provides information on a wide range of excavator functions & fault detection. A secondary rear mounted control panel is fitted for ease of the operator. The radio remote control for the main excavator functions are located within the chassis cab.

*\*Due to continuous product development Stock Excavators reserves the right to alter specifications without prior notice.*

*\*A comprehensive range of additional options are available.*

**Please ask for details**



All Stock Excavator products are manufactured following;



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