

SEWER CATFISH 2000 TYPE 1

COMPACT
LIGHTWEIGHT
EASY TO TRANSPORT
&
DEPLOY

DREDGING OF HDPE
LINED PONDS AND
WASTE WATER
TREATMENT PONDS

LAND BASED REMOTE
CONTROLLED
OPERATION

ELIMATES OHS&S
PROBLEMS

AUTO SLUDGE HUNTER
UNIQUE ABILITY TO HUNT FOR
SLUDGE BY AUTOMATICALLY
MONITORING PUMP
AMPERAGE

AUTO-REVERSE
OPERATION

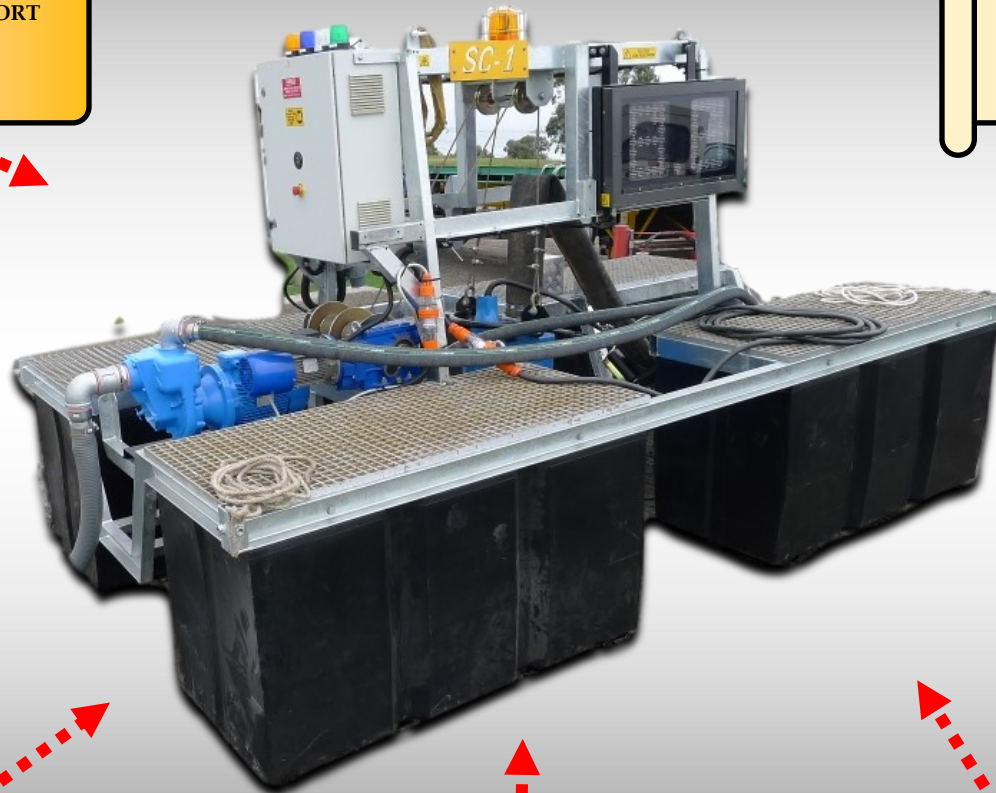
MINIMAL OPERATOR
ATTENTION

CUTTER PUMPS

HANDLES STRINGY SOLIDS AND
FIBROUS MATERIAL WITHOUT
CLOGGING

INBUILT SMART
CONTROL

VARY PUMP ING RATE AND DEPTH
TO OPTIMISE SEDIMENT
EXTRACTION RATE

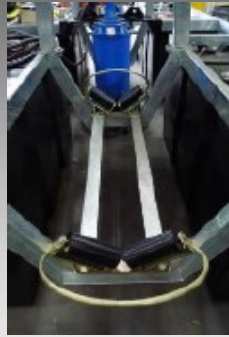


Compact...Feature Rich...Simple to Operate...



Submersible Cutter Pump

- Solids handling non-clog submersible pump with a unique tungsten carbide tipped single or multi-vane impeller



Discharge Guide

- Suits 4" to 6" Hose
- PU rollers
- Zinc passivated frame



Pump Winch

- Electric operation
- High Break strength wire rope
- DepthDetect™



Traverse Mechanism

- Variable speed
- AutoReverse™



Depth Display

- Waterproof
- LED display



Water Jetting Pump

- 3" high pressure pump

Technical Specifications

SLURRYCAT™ 4000 – TYPE 1

OVERALL DIMENSION

Length	4.4 m
Width	2.4 m
Height	2.3 m
Weight	2.5 Tonnes

FLOATATION MODULE

Dimensions	Four float cells, each measuring 1.61 m x 0.6 m x 0.85 m
Draft	50 cm

WORKING CAPACITY

Capacity (clear water)	4,000 L/min
Head	20 m
Dredging depth	Up to – 8 metres
Discharge pipe	150 mm (6")

MAIN PUMP

Type	Submersible sand pump
Discharge	200 mm (8")
Impeller diameter	340 mm, 4 vanes open
Max. solid handling	40 mm
Speed	1,450 rpm
Phases	3
Frequency	50/60 Hz
Voltage	400 V
Power	22 kW
Capacity (clear water)	4,000 L/min
Head	20 m
Working depth	Up to – 8 metres

POWER SOURCE

Type	On-shore diesel generator
Power	80 kVA, 100 A continuous

AGITATOR

Type	Water jetting ring
Water capacity	850 L/min
Pressure	6 – 7 bar
Drive	7.5 kW, 3" (DN80) deck-mounted horizontal high pressure pump

MANOEUVRING MECHANISM

Type	Traverse wire rope
Drive	1.5 kW brake electric motor coupled to gearbox
Wire rope diameter	8 mm, galvanised

ELECTRICAL SYSTEM

Voltage	400 V
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DREDGING INSTRUMENTATION

Dredging depth indicator	- DepthDetect™
Automatic reverse at end of traverse	- AutoReverse™
GPS Positioning	

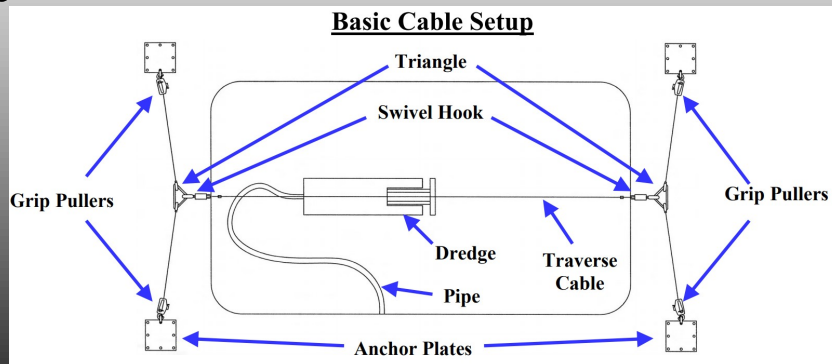
FEATURES

Overall remarkable features	Compact design which allows easy transport by road. Sturdy, robust design with high quality components
Safety	Remotely controlled via belly pack controller with no operators on-board. The control range is up to 300 metres.
Anti-corrosion	Hot dipped galvanised frame, sacrificial zinc anode block, rotomoulded Polyethylene float cells



The SlurryCat™ 4000 – Type 1 can be transported to any work site on a standard semi-truck/trailer

Small in Size - Big in PERFORMANCE



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