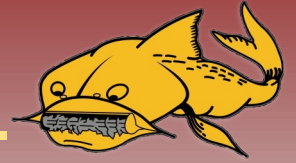


SILTCATFISH 4000 Type 2



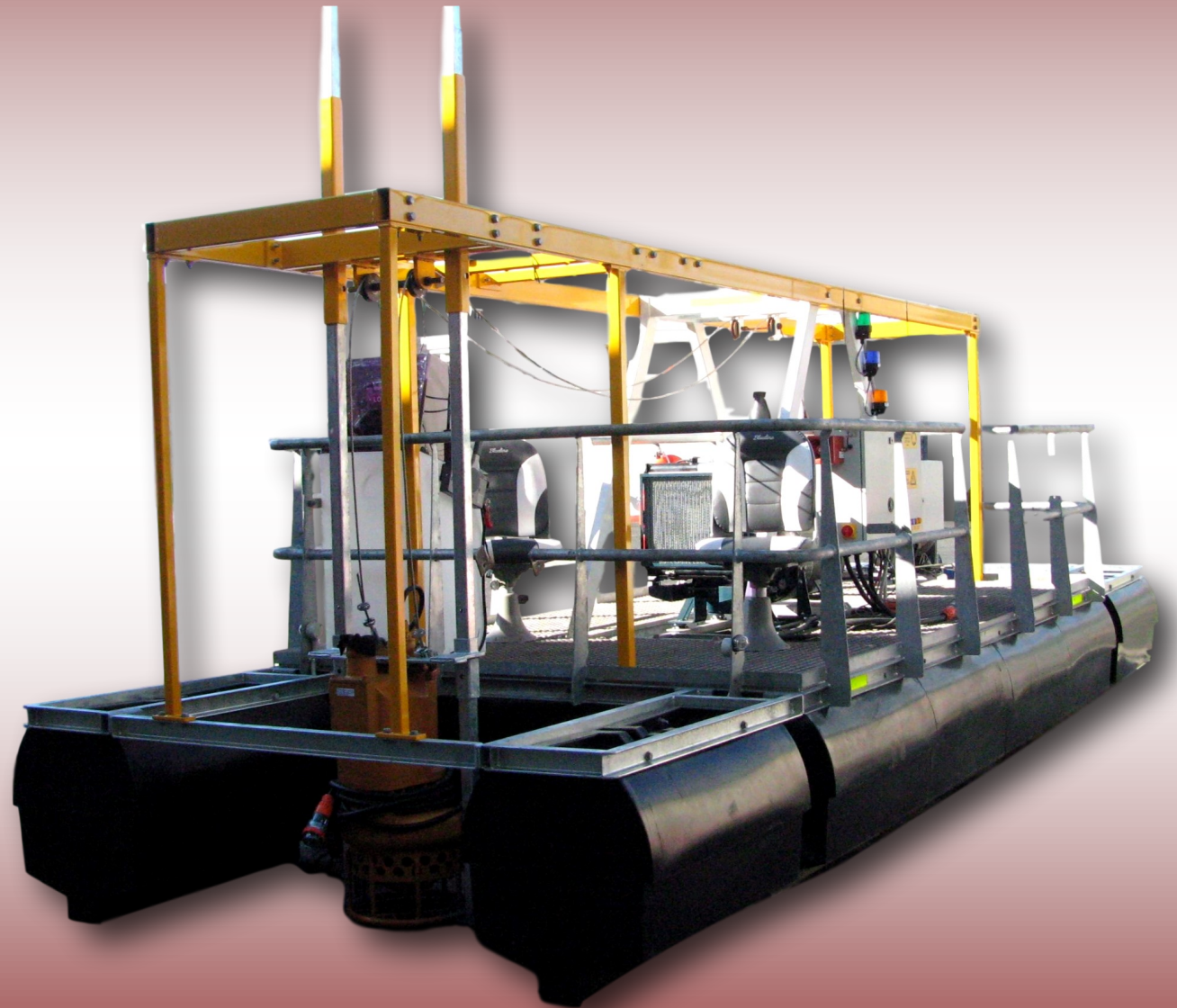
**EASY TO LAUNCH AND
RETRIEVE**

**POWERFUL SUBMERSIBLE
SLURRY PUMP**

**DREDGING DEPTHS OF
8—10 METER**

**HIGHLY MANOEUVERABLE
AND CLASS 2D SURVEYED**

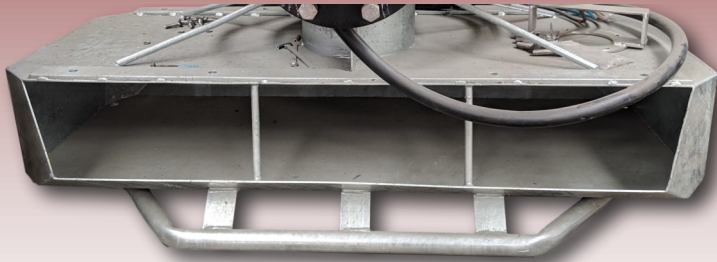
**FITTED WITH SONAR
SCANNER AND GPS**



TURNKEY MARINA AND BOAT-HARBOUR DREDGING SERVICE

MAIN FEATURES

ANTI-TURBIDITY SHROUD



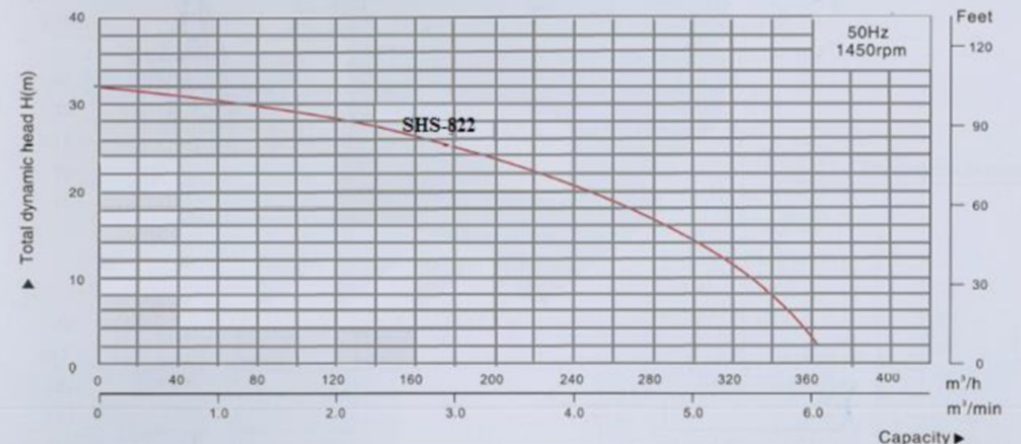
WATER JETTER RING



TECHNICAL SPECIFICATIONS

Parameters	Value
Model	Sand-Catfish™ 4000 – Type 1
Dimension (LxWxH, approx.)	7.12 m x 2.4 m (excluding outrigger) x 2.36 m
Weight (kgs, estimate)	2,500 kgs
Material	Structural mild steel, hot-dipped galvanised
Dredging depth (max., below water level)	3.5 meters at 300 mm draft
Dredging width	Approx. 300 mm
Main slurry pump	22kW, 400V, 1,450 rpm, 3 phase electric submersible sand pump, max. 4,000 L/min flow rate (clear water) @ 20 m head, max. 40 mm solid handling, 4 vanes 340 mm diameters open impeller, Silicon carbide (motor side) and Tungsten carbide (pump side) mechanical seal
Pumping distance	Max. 250 meters at normal operation slurry flow rate and solids content
Discharge pipe (to disposal area)	6" (DN150) UHMWPE pipe with table "D" flange
On-board power supply	Kubota V2203 diesel engine, 39.9 HP @ 2,800 rpm with 80 Litres fuel tank
Pump lowering mechanism	Cable winch driven by 0.5 kW electric motor, extendable guide bar attachment
Propulsion	25 HP high thrust outboard motor with 25 Litres fuel tank providing max. speed of

Performance curves



DREDGING SERVICES (a Division of Roll-a-Pipe Pty Ltd)

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