

250 mm cutter suction dredger "PHOENIX"



Technical specifications

Length of pontoon	:	11.30 m ¹ (16.50 m ¹ incl. spud pole carrier)
Breadth	:	2.50 m ¹
Breadth (incl. side pontoons)	:	4.75 m ¹
Height	:	1.30 m ¹
Normal draught	:	0.75 m ¹
Maximum dredging depth	:	7.50 m ¹ (11.00 m ¹ with ext. ladder)
Suction and discharge pipe diameter	:	250 mm (10 inch)
Total weight	:	28 tons (excl. spud pole carrier)
Spud pole carrier (additional to dredger)	:	4 tons (extra length = 4.00 metres)

Installed power:

Main engine (dredge pump and hydraulics)	:	350 HP Scania DI 12
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The dredger is equipped with:

- Biodegradable hydraulic oil and optional with a Patton 6L Diesel Particle Filter
- RTK GPS Dredge Monitoring System
- Degassing installation (optional)

Features:

Cutter unit is interchangeable with a traditional plain suction head including 2 jet nozzles
 It can position using spuds with an articulated swing ladder or using anchors / winches / wires.
 The dredger is completely dismountable and road transportable by normal trailers.