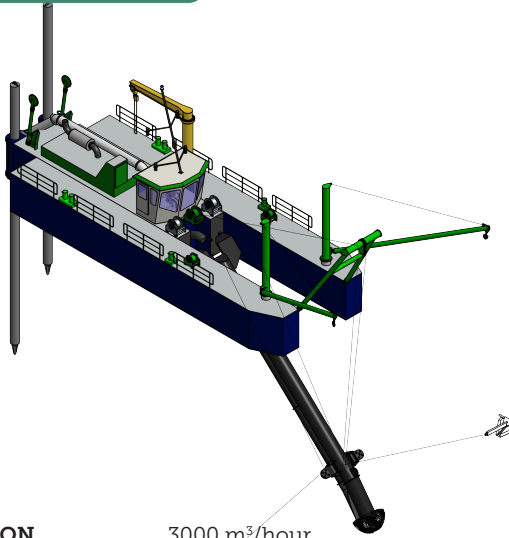




# Leaflet 'Prime dredge 45'



**Prime dredge 45**  
Durable & economical in the high performance range.

**PRODUCTION** 3000 m<sup>3</sup>/hour  
Total installed power 940 kW

**DREDGE INSTALLATION**  
Dredge pump drive Caterpillar, Mitsubishi or Cummins  
Power 709kW@1600rpm  
Dredge pump GIW LSA / Warman  
Cutter ECTMarine 5 blades  
Tooth system ESCO Ultralock  
Cutter power 110 kW  
Cutter speed variable 0..30 rpm

**AUXILIARY DRIVE**  
(Driving electric generator, winches, cutter & spuds)  
Make Caterpillar, Mitsubishi or Cummins  
Power 232kW@1600rpm

**ELECTRIC INSTALLATION**  
Voltage 24V DC and 230V/400V AC  
Electric generator 20 KVA

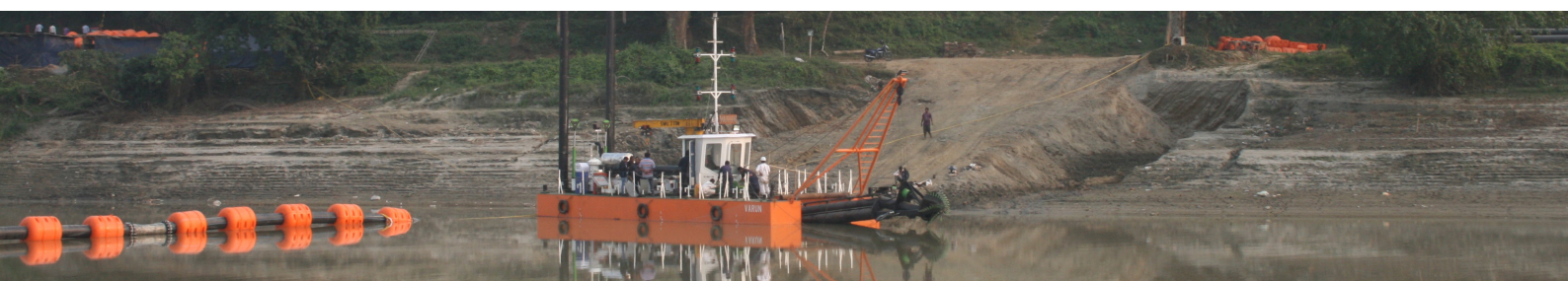
**TANK CAPACITIES**  
Fuel oil 16 m<sup>3</sup>

**STANDARD FEATURES**  
High efficiency dredge pump  
Transportable by road  
Heavy duty design  
Low maintenance  
Modular design  
High quality components  
Efficient fuel consumption  
Luxurious operator cabin  
Class approved construction

**MAIN DIMENSIONS**  
Length overall, ladder up 32 m  
Length over pontoons 22 m  
Breadth 7,6 m  
Dredging depth 12 m  
Suction pipe diameter 450 mm  
Discharge pipe diameter 450 mm

**WINCHES**  
Ladder winch  
Line pull first layer 80 kN  
Speed 0..20 m/min  
Swing winches (2x)  
Wire pull first layer 80 kN  
Speed 0..20 m/min  
Anchors (each) 500 kg

**OPTIONAL EQUIPMENT**  
Production measurement Monohull  
Dredge monitoring tracking system Electric / LNG  
Increased dredging depth  
Air conditioning  
Plain suction front part  
Spare parts package  
Diesel generator set  
Spud carrier system  
Single engine set up  
Anchorboom installation



ECT MARINE  
PRIME DREDGE 45

