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

**PRODUCTION**
3000 m³/hour
Total installed power 940 kW

**DREDGE INSTALLATION**
Dredge pump drive Caterpillar, Mitsubishi or Cummins
Power 940kW @ 1600rpm
Dredge pump GIW LSA / Warman
Cutter ECT Marine 5 blades
Tooth system ESCO Ultralock
Cutter power 110 kW
Cutter speed variable 0.30 rpm

**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

**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 m³

**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

**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