

TECHNICAL DATA SHEET No. / LATEST REVISION: 550/200715.
ISO 9001:2008 CERTIFICATION No. CA-1.061. AUTHORIZED LABORATORY No. 046/GA/SA680A.

PRODUCT

WATERMASTER ECO-DREDGER

TECHNICAL SPECIFICATIONS

Motor

Caterpillar C7, turbocharged, water-cooled, 6-cylinder diesel engine. Rotor power at 2,000 rpm: 168 kW (225 hp). Fuel tank capacity: 1,200 L. Electrical system: 24 V. 1 Batteries: 2 x 180 Ah. Electric fuel feed pump

Hydraulics

Axial piston pump for dredging and propulsion: Maximum working pressure: 345 bar. Displacement: 100 cm³/rev. Axial piston pump for backhoe operation and stabilizers: Maximum working pressure: 230 bar. Displacement: 100 cm³/rev.

Excavator

Swing angle: 180°. Bucket cylinder breakout force: 83 kN. Arm digging force: 47 kN. Maximum lifting capacity: 22 kN. Maximum lifting capacity with portable lifting device: 24.5 kN. Quick couplings for attachments.

Stabilizers

Front stabilizers/floats, maximum reach: 5.0 m. Rear stabilizers, maximum reach: 6.7 m.

Hull

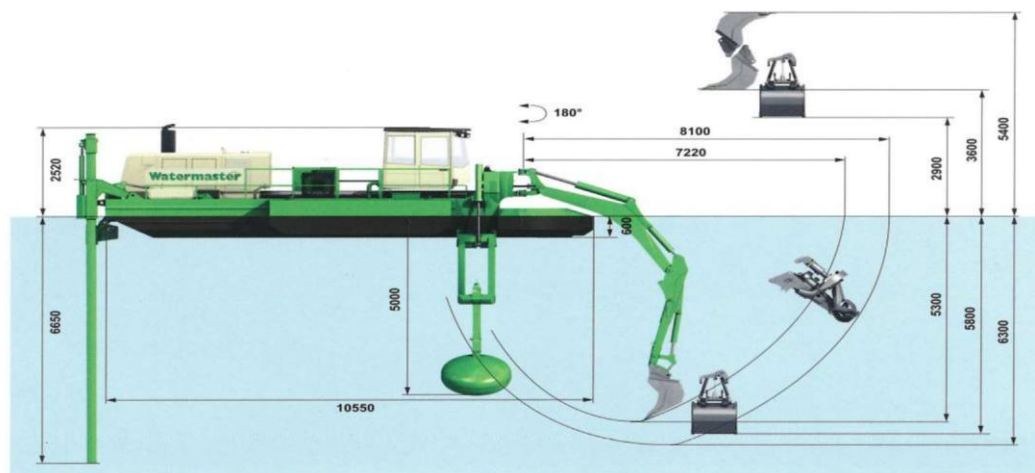
Reinforced monohull with 7 independent watertight compartments. External and internal anti-corrosion coating. Protective support structures on the underside of the hull. Non-slip deck and guardrails. Mast and position lights for dredging operations and navigation.

LX Cabin

FOPS-certified cabin with excellent visibility. Fully adjustable ergonomic swivel seat. Auxiliary seat for instructor/assistant. Climate control and air conditioning as standard. Complete engine and hydraulic system instrumentation. 10 panoramic work lights. CD radio.

Dimensions and Weights

Transport length (without boom): 11.00 m. Transport width: 3.30 m. Transport height: 3.15 m. Transport weight: approx. 18.50 metric tonnes.



C/ Alcalde Lorenzo 1 E-15220 Bertamirás, A Coruña (Galicia) España, Unión Europea

(+34)981884626 (+34)981884609 info@acuinuga.com ventas@acuinuga.com www.acuinuga.com