

AQUADRIVE SEAVATOR

- Latest in subsea technology
- Ultra-deep water operational envelope
- Highly capable, dispersing a wide range of seabed soils effectively
- Compact & efficient design
- Non-contact excavation technique
- Durable
- Proven in the field



Description: The AquaDrive SeaVator is a 4 bladed propeller powered by a seawater driven motor housed in a cylindrical cowling. Loose soils, rock dump and very soft clays can be excavated very quickly with the resulting low pressure, high volume water column that is directed at the seabed. The use of the water-powered motor means that that tool gives very good torque over a range of flow rates and pressures and can be used in situations where there is insufficient flow or pressure to power the Prop Drive SeaVator. The AquaDrive SeaVator can be deployed using drill pipe or a purpose built LARS.

WEIGHTS & DIMENSIONS	
Total Weight	3,500 Kg
Diameter	1,600mm
Height	1,700mm
EXCAVATION RATES	
Sand	1000 m ³ /Hr
Silt	1000 m ³ /Hr
Gravel	1000 m ³ /Hr
Rock Dump	500 m ³ /Hr
Clay (<5 kPa)	250 m ³ /Hr
PERFORMANCE	
Thrust	2,500 Kg
Water Velocity	8.0 m/sec
Inlet Pressure	100 – 160 bar
Drive Flow Rate	275 – 430 lpm
Operational Water Depth	5m - Unlimited
Max Tidal Current	3.5 Kts

Excavation rates quoted are indicative only and are not guaranteed.