12 Inch Electric XL Dredge
Superior deepwater dredging capability

The second generation 12 inch XL electric dredge provides 12.5k psi suction pressure and up to 7,500 suction gal/m. A topside control unit manages all dredge functions and monitors readings.

FEATURES

- Full telemetry system
- Cameras and lights monitor discharge
- System’s vital signs monitored by digital inputs
12 Inch XL Gen 2 Electric Dredge
Superior deepwater dredging capability

Capabilities
» Removes soil from a specific area and transports it to a discharge site in a controlled manner
» Provides the customer with varied techniques to meet the demands of numerous soil types of differing densities
» Suction only: Provides suction with a single jet or suction with a high-pressure jetting ring
» High-pressure jetting: Stiffer soils require high-pressure water jetting to loosen them and make available for transport
» Low-pressure, high-volume jetting: Some soils require low-pressure, high-volume jetting to complete fluidization in order to complete transport

Benefits
» Allows for spoils to pass unprocessed
» Transports rocks and large debris of approximately ½ in smaller than hose diameter
» No moving components exposed to transport materials, providing greater durability and reliability
» No depth limitations, constant suction, and no loss of hydraulic horsepower due to hydrostatic effect
» Dual pump configuration for redundancy

Applications
» Drill cuttings remediation
» Precision dredging around delicate assets
» Seabed excavation and leveling
» Subsea field clean-up
» Pipeline excavation and burial

Dredge Specifications

<table>
<thead>
<tr>
<th>Fully Electric System</th>
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<tbody>
<tr>
<td>Suction power</td>
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<td>Jetting power</td>
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<td>Skid weight</td>
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<td>Skid dimensions (LxWxH)</td>
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<tr>
<td>Mudmat dimensions (LxWxH)</td>
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<td>Control van dimensions (LxWxH)</td>
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<td>Portable control module</td>
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<td>10,000 ft / 3,000 m depth rating</td>
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Deployment / Recovery

| Deep water | LARS (launch and recovery system), winch deployed, or crane deployed Umbilical to surface for power |
| Shallow water | Via crane or tugger tether over side for power |