



"A World Leader In Customized Dredging Solutions"



# MORAY CLASS

## SUBMERGED PUMP SWINGING LADDER DREDGE

At DSC Dredge, we know designing and building the exact custom dredge that will boost your efficiency and lower your costs involves working with you and learning your story. The productive and portable Moray Class offers a swinging ladder configuration with the conventional closed-loop underwater dredge design. Starting with our base model, we customize the Moray for your specific application, learning all details of your project, and involving you every step of the way.



EVERY DREDGE **BEGINS** WITH A STORY  
TELL US YOURS

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SUBMERGED PUMP SWINGING LADDER DREDGE

With its hydraulically driven underwater pump assembly, the Moray Class dredge is ideally matched to the current dredging industry trend of pumping low flow rates with higher-percent solids—including applications such as pumping into geotubes or retention areas that do not accommodate large volumes of water. It is available with an 8-inch (200 mm) discharge configuration and offers single-truck portability in most areas of the world. Custom features, sizes and designs available.

## The Standard Moray Class Dredge Is Equipped With:

- Caterpillar diesel engine with inline direct marine-style transmission—for dredge pump reduction.
- PLC operating system.
- Standard equipment, including power up/down winches with API-rated drums for proper cable storage and a stern kicker spud or extending leg for controlled dredge advancement and positioning.
- Optional equipment, including swing winches for conventional mode operations, traveling spud carriage, dredge automation, extended digging depths, production instrumentation and GPS dredging systems.
- **Custom features, sizes and designs available.**



### STANDARD MORAY CLASS DREDGE SPECIFICATIONS

Overall Length	42.8 ft (13 m)
Overall Width	18.5 ft (5.6 m)
Approximate Weight	42,000 lb (19,050 kg)
Dredging Depth	17.5 ft (5.3 m)
Power Source	275 hp (205 kW)
Dredge Pump	19.5 in (495 mm) impeller
Cutter Power	25 hp (19 kW)
Ladder Lift/Swing	Cylinder
Spud Lift	Power up/power down winch
Spud	8 in (200 mm) square
Propulsion	Articulating rear spud



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