



# EDDY Pump Mini Auger Liner-Safe ModDredge

Modular, Remote-Operated, Liner-Safe Dredging Systems for Lined  
Ponds, Lagoons & Sensitive Environments



For pricing, configuration, and availability: [sales@eddyump.com](mailto:sales@eddyump.com) | [eddyump.com](http://eddyump.com)

## At-a-Glance Specifications

Model	Flow (GPM)	Solids Production (yd <sup>3</sup> /hr)	Flow (GPM)	Max Discharge (ft)	Prime Mover (Diesel)
4" Mini Auger	600–900 GPM	75–125 yd <sup>3</sup> /hr	30–70% by weight	2,500	125 HP diesel engine
6" Mini Auger	1,200–1,800 GPM	150–200 yd <sup>3</sup> /hr	30–70% by weight	2,000	225 HP diesel engine

### Overview

The Mini Auger Liner-Safe ModDredge is a compact, modular dredging system designed for lined ponds, lagoons, and other sensitive environments. Choose between the 4" and 6" units based on production requirements and discharge distance. Both systems are remote-operated standard, with optional automation and RTK/GPS positioning for precision dredging.



### Key Advantages

- Liner-safe auger + mobility system designed for geomembrane-lined ponds
- High-solids pumping: 30–70% solids by weight
- Remote operation standard; autonomous and RTK/GPS upgrades available
- Diesel or electric power options to match site requirements
- Modular platform for rapid transport and on-water assembly
- Two sizes to match production goals: 4" (compact) or 6" (higher throughput)

### Common Applications

- Lined ponds and lagoons
- Oil & gas waste pits
- Mining tailings ponds
- Industrial sludge removal
- Environmental remediation

For pricing, configuration, and availability: [sales@eddyump.com](mailto:sales@eddyump.com) | [eddyump.com](http://eddyump.com)

## Technical Specifications

Parameter	4" Mini Auger	6" Mini Auger
Pump Type	4" EDDY Pump (non-clog, high solids handling)	6" EDDY Pump (non-clog, high solids handling)
Flow Rate	600–900 GPM (136–204 m <sup>3</sup> /hr)	1,200–1,800 GPM (273–409 m <sup>3</sup> /hr)
Solids Production	75–125 yd <sup>3</sup> /hr (57–96 m <sup>3</sup> /hr)	150–200 yd <sup>3</sup> /hr (115–153 m <sup>3</sup> /hr)
Solids Concentration	30–70% by weight	30–70% by weight
Max Discharge Distance	Up to 2,500 ft (762 m) without booster pump	Up to 2,000 ft (610 m) without booster pump
Max Dredging Depth	20 ft (6.1 m) – depth extension available (optional)	20 ft (6.1 m) – depth extension available (optional)
Cutter Type	Auger cutter (liner-safe design)	Auger cutter (liner-safe design)
Cutting Width	7 ft (2.13 m)	7 ft (2.13 m)
Platform (L x W)	20 ft x 8.5 ft (6.1 m x 2.6 m)	20 ft x 8.5 ft (6.1 m x 2.6 m)
Heaviest Component	7,500 lb (3,400 kg)	7,500 lb (3,400 kg)
Positioning	(2) traversing winches	(2) traversing winches
Mobility	Large rubber wheels for liner-safe operation	Large rubber wheels for liner-safe operation

## Power Options

Choose diesel or electric power to match site constraints and utility availability.

Power Option	4" Mini Auger	6" Mini Auger
Diesel Prime Mover	125 HP diesel engine	225 HP diesel engine
Diesel HPU	50 HP diesel HPU	50 HP diesel HPU
Electric Motor	~93 kW electric motor (≈125 HP)	~168 kW electric motor (≈225 HP)
Electric HPU	~37 kW electric HPU (≈50 HP)	~37 kW electric HPU (≈50 HP)

For pricing, configuration, and availability: [sales@eddyump.com](mailto:sales@eddyump.com) | [eddyump.com](http://eddyump.com)



## Controls, Automation & Upgrades

- Standard: Full remote-operated system
- Optional: Autonomous dredging capability (additional cost)
- Optional: RTK/GPS positioning system (additional cost)
- Optional: Depth extension kit (additional cost)



## Information Needed for a Fast Quote

- Pond type: lined (geomembrane) / clay / concrete
- Material: silt / clay / sludge / tailings / other
- Target depth and area to dredge (and pond dimensions)
- Estimated solids concentration and largest particle size
- Discharge distance and elevation change
- Power preference: diesel or electric (and utility availability)
- Project timeline: rental vs purchase, expected duration

For pricing, configuration, and availability: [sales@eddyump.com](mailto:sales@eddyump.com) | [eddyump.com](http://eddyump.com)