



## Cutter Suction Dredge *Illinois*



*The Illinois at work on Chesapeake Bay.*

The *Illinois*' heavy-duty construction and high freeboard make her ideal for working offshore in rough conditions.

### Applications

- Mining material offshore for land reclamation and beach nourishment, the *Illinois* has pumped mud and light materials up to 30,000 ft (9,100 m), and sand to 25,000 ft (7.6 km). Greater distances can be achieved with booster pumps.
- Digs to a nominal depth of 80 ft (24 m)
- Heavy ladder construction, underwater pump, ample cutter power and large inventory of special purpose cutters enable the digging a range of materials, up to and including blasted and unblasted rock.
- The dredge's minimum digging depth of 11.5 ft (3.5 m) makes her extremely versatile.

### Certification

ABS Class A-1 Ocean Loadline  
U.S. Coast Guard Certificate of Inspection

	Imperial	Metric
<b>Dimensions</b>		
Hull	220 x 67 x 13 ft	67 x 20 x 4 m
Draft	8.5 ft	2.6 m
Overall length	320 ft	98 m
Suction Diameter	34 in	860 mm
Discharge Diameter	30 in	760 mm
Ladder Weight	425 tons	385,550 kg
<b>Performance</b>		
Nominal Digging Depth Range	11.5 to 80+ ft	3.5 to 24.4+ m

### Power Data

Total Installed Power	11,300 hp	8,400 kW
Cutter Power	1,900 hp	1,400 kW
Fuel Capacity	175,000 gal	662,000 l

**fleet info © Great Lakes Dredge & Dock Company**

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