

BARRACUDA

Swinging Ladder Dredge



Often called the contractors "dream machine", the Barracuda Class Dredge features a swinging ladder design and is easily transportable. The Barracuda Class dredge is available in both diesel or electric power. Standard Discharge sizes range from 10" (254mm) through 16" (+) (406mm) and the dredge can be customized to your particular needs. The Barracuda dredges have been most commonly used in waterway maintenance and lake revitalization projects.

The Barracuda offers standardized systems throughout the various sizes and configurations. The operating systems are all PLC-based and include a userfriendly control panel. The Barracuda also features power up/down spud systems with API rated winch drums for proper cable storage. A rear-kicking spud for dredge positioning and advancement comes standard in this model. Optional spud traveling carriages or two stern kicker spuds are available upon request.

With the simple option of two front swing winches, the Barracuda can be two dredges in one. This option allows the dredge to be converted from swinging ladder mode to conventional - and still remains portable. This feature alone has caught the eye of dredge contractors and has made the Barracuda one of the most desired dredges available!

General: all dredges feature a PLC based operating system, electro-proportional hydraulic circuits, hi-capacity service water system, in-line direct marine style transmission for dredge pump reduction, engineered for portability, Caterpillar engines and power up/down spud system. Detailed specifications available upon model determination.



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MODEL BA-4250-20D

12" (305 mm) Suction x 12" (305 mm) Discharge

OVERALL LENGTH	57.6 ft (17.6 m)
OPERATING WIDTH	18.0 ft (5.5 m)
APPROXIMATE WEIGHT	78,000 lbs (35.4 t)
DREDGING DEPTH	20 ft (6.1 m)
PRIME MOVER	540 hp Tier 3 (403 kW Stage IIIA)
DREDGE PUMP	32 in (813 mm) impeller
CUTTER POWER	60 hp (45 kW)
LADDER LIFT/SWING	cylinder
SPUD LIFT	power up/power down winch
SPUD	10 in (254 mm) square
PROPULSION	articulating rear spud

MODEL BA-5450-20D

14" (356 mm) Suction x 14" (356 mm) Discharge

OVERALL LENGTH	61.7 ft (18.8 m)
OPERATING WIDTH	21.8 ft (6.6 m)
APPROXIMATE WEIGHT	110,000 lbs (49.9 t)
DREDGING DEPTH	20 ft (6.1 m)
PRIME MOVER	700 hp Tier 3 (522 kW Stage IIIA)
DREDGE PUMP	36 in (914 mm) impeller
CUTTER POWER	90 hp (67 kW)
LADDER LIFT/SWING	cylinder
SPUD LIFT	power up/power down winch
SPUD	12 in (305 mm) square
PROPULSION	articulating rear spud

MODEL BA-7650-20D

16" (406 mm) Suction x 16" (406 mm) Discharge

OVERALL LENGTH	67.4 ft (20.6 m)
OPERATING WIDTH	23.4 ft (7.1 m)
APPROXIMATE WEIGHT	140,000 lbs (63.5 t)
DREDGING DEPTH	30 ft (9.1 m)
PRIME MOVER	950 hp Tier 2 (709 kW)
DREDGE PUMP	40 in (1016 mm) impeller
CUTTER POWER	130 hp (97 kW)
LADDER LIFT/SWING	cylinder
SPUD LIFT	power up/power down winch
SPUD	14 in (356 mm) square
PROPULSION	articulating rear spud

MODEL BA-10300-20D

18" (457 mm) Suction x 18" (457 mm) Discharge

OVERALL LENGTH	69.3 ft (21.1 m)
OPERATING WIDTH	26.8 ft (8.2 m)
APPROXIMATE WEIGHT	160,000 lbs (72.6 t)
DREDGING DEPTH	20 ft (6.1 m)
PRIME MOVER	1125 hp Tier 2 (839 kW)
DREDGE PUMP	44 in (1118 mm) impeller
CUTTER POWER	200 hp (149 kW)
LADDER LIFT/SWING	cylinder
SPUD LIFT	power up/power down winch
SPUD	16 in (406 mm) square
PROPULSION	articulating rear spud