

" THE WORLD'S LEADER IN PORTABLE DREDGES "



*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.*

Available in either diesel or electric power, the Shark Class cutter suction dredge features a conventional dredge operating configuration with modular design for ease of transportation. With standard discharge sizes ranging from 10" (254mm) through 36" (+) (914mm), our Shark dredges are most commonly used by sand & gravel producers and contractors.

The Shark features standardized systems throughout the various sizes and configurations. The operating systems are PLC-based and offer the operator an ergonomic control panel. The Shark dredge also features power up/down spud systems with API-rated winch drums for proper cable storage.

The tough, yet portable design offers many rewards for the end user. With proven reliability, the end user can expect a very long life for this type of equipment. The Shark Class cutter suction dredge provides a high percentage of uptime and availability, which makes it one of the best selling models in the world!

# SHARK

## Cutter Suction Dredge



156 Airport Road ▶ Reserve, Louisiana 70084

☎ +1 985 479 1355

📞 +1 985 479 1367

🌐 [www.dscredge.com](http://www.dscredge.com)

## **SERIES SH-4250-D: 12" (305 mm) Suction x 12" (305 mm) Discharge**

	<b>MODEL SH-4250-30D</b>	<b>MODEL SH-4250-43D</b>	<b>MODEL SH-4250-56D</b>
<b>OVERALL LENGTH</b>	65.3 ft (19.9 m)	80.3 ft (24.5 m)	95.3 ft (29 m)
<b>OVERALL WIDTH</b>	11.8 ft (3.6 m)	18.0 ft (5.5 m)	18.0 ft (5.5 m)
<b>APPROXIMATE WEIGHT</b>	78,000 lbs (35.4 t)	92,000 lbs (41.7 t)	105,000 lbs (47.6 t)
<b>DREDGING DEPTH</b>	30 ft (9.1 m)	43 ft (13.1 m)	56 ft (17.1 m)
<b>PRIME MOVER</b>	540 hp Tier 3 (403 kW Stage IIIA)	540 hp Tier 3 (403 kW Stage IIIA)	540 hp Tier 3 (403 kW Stage IIIA)
<b>DREDGE PUMP</b>	32 in (813 mm) impeller	32 in (813 mm) impeller	32 in (813 mm) impeller
<b>CUTTER POWER</b>	60 hp (45 kW)	60 hp (45 kW)	60 hp (45 kW)
<b>LADDER LIFT</b>	cylinder	winch	winch
<b>SWING WINCHES</b>	7,650 lbf (34 kN)	7,650 lbf (34 kN)	7,650 lbf (34 kN)
<b>SPUD LIFT</b>	power up/power down winch	power up/power down winch	power up/power down winch
<b>SPUD</b>	12 in (305 mm) square	12 in (305 mm) square	12 in (305 mm) square

## **SERIES SH-5450-D 14" (356 mm) Suction x 14" (356 mm) Discharge**

	<b>MODEL SH-5450-30D</b>	<b>MODEL SH-5450-43D</b>	<b>MODEL SH-5450-56D</b>
<b>OVERALL LENGTH</b>	68.3 ft (20.8 m)	83.4 ft (25.4 m)	98.3 ft (30.0 m)
<b>OVERALL WIDTH</b>	19.8 ft (6.0 m)	19.8 ft (6.0 m)	19.8 ft (6.0 m)
<b>APPROXIMATE WEIGHT</b>	102,000 lbs (46.3 t)	112,000 lbs (50.8 t)	135,000 lbs (61.2 t)
<b>DREDGING DEPTH</b>	30 ft (9.1 m)	43 ft (13.1 m)	56 ft (17.1 m)
<b>PRIME MOVER</b>	700 hp Tier 3 (522 kW Stage IIIA)	700 hp Tier 3 (522 kW Stage IIIA)	700 hp Tier 3 (522 kW Stage IIIA)
<b>DREDGE PUMP</b>	36 in (914 mm) impeller	36 in (914 mm) impeller	36 in (914 mm) impeller
<b>CUTTER POWER</b>	90 hp (67 kW)	90 hp (67 kW)	90 hp (67 kW)
<b>LADDER LIFT</b>	cylinder	winch	winch
<b>SWING WINCHES</b>	11,100 lbf (49 kN)	11,100 lbf (49 kN)	11,100 lbf (49 kN)
<b>SPUD LIFT</b>	power up/power down winch	power up/power down winch	power up/power down winch
<b>SPUD TYPE</b>	14 in (356 mm) square	14 in (356 mm) square	14 in (356 mm) square

## **SERIES SH-7650-D 16" (406 mm) Suction x 16" (406 mm) Discharge**

	<b>MODEL SH-7650-30D</b>	<b>MODEL SH-7650-43D</b>	<b>MODEL SH-7650-56D</b>
<b>OVERALL LENGTH</b>	73.4 ft (22.4 m)	88.4 ft (27.0 m)	103.4 ft (31.5 m)
<b>OVERALL WIDTH</b>	20.8 ft (6.3 m)	20.8 ft (6.3 m)	20.8 ft (6.3 m)
<b>APPROXIMATE WEIGHT</b>	125,000 lbs (56.7 t)	140,000 lbs (63.5 t)	152,000 lbs (69.0 t)
<b>DREDGING DEPTH</b>	30 ft (9.1 m)	43 ft (13.1 m)	56 ft (17.1 m)
<b>PRIME MOVER</b>	950 hp Tier 2 (709 kW)	950 hp Tier 2 (709 kW)	950 hp Tier 2 (709 kW)
<b>DREDGE PUMP</b>	40 in (1016 mm) impeller	40 in (1016 mm) impeller	40 in (1016 mm) impeller
<b>CUTTER POWER</b>	130 hp (97 kW)	130 hp (97 kW)	130 hp (97 kW)
<b>LADDER LIFT</b>	cylinder	winch	winch
<b>SWING WINCHES</b>	14,750 lbf (66 kN)	14,750 lbf (66 kN)	14,750 lbf (66 kN)
<b>SPUD LIFT</b>	power up/power down winch	power up/power down winch	power up/power down winch
<b>SPUD TYPE</b>	16 in (406 mm) square	16 in (406 mm) square	16 in (406 mm) square

## **SERIES SH-10300-D 18" (457 mm) Suction x 18" (457 mm) Discharge**

	<b>MODEL SH-10300-30D</b>	<b>MODEL SH-10300-43D</b>	<b>MODEL SH-10300-56D</b>
<b>OVERALL LENGTH</b>	75.1 ft (22.9 m)	90.1 ft (27.5 m)	105.1 ft (32.0 m)
<b>OVERALL WIDTH</b>	23.8 ft (7.2 m)	23.8 ft (7.2 m)	23.8 ft (7.2 m)
<b>APPROXIMATE WEIGHT</b>	145,000 lbs (65.8 t)	165,000 lbs (74.8 t)	185,000 lbs (83.9 t)
<b>DREDGING DEPTH</b>	30 ft (9.1 m)	43 ft (13.1 m)	56 ft (17.1 m)
<b>PRIME MOVER</b>	1125 hp Tier 2 (839 kW)	1125 hp Tier 2 (839 kW)	1125 hp Tier 2 (839 kW)
<b>DREDGE PUMP</b>	44 in (1118 mm) impeller	44 in (1118 mm) impeller	44 in (1118 mm) impeller
<b>CUTTER POWER</b>	200 hp (149 kW)	200 hp (149 kW)	200 hp (149 kW)
<b>LADDER LIFT</b>	cylinder	winch	winch
<b>SWING WINCHES</b>	22,250 lbf (99 kN)	22,250 lbf (99 kN)	22,250 lbf (99 kN)
<b>SPUD LIFT</b>	power up/power down winch	power up/power down winch	power up/power down winch
<b>SPUD TYPE</b>	20 in (508 mm) round	20 in (508 mm) round	20 in (508 mm) round