



VMI, INC.

MDX-1027CS



SPECIFICATIONS

GENERAL	
Length	57' 3" (17.45 m)
Height (top of cab)	11' 10" (3.4 m)
Width	14' 1" (4.29 m)
Weight (Approx.)	65,000 lbs. (29,478 kg)
Draft (Approx.)	2' 10" (86.4 m)
Fuel Capacity	800 U.S. gallons (3,050 L)
ENGINE	
Type	Caterpillar / Cummins
Model	C15 / QSX15
Power	540 BHP (403 kW) @ 2100 RPM / 535 BHP (399kW) @ 2100 RPM
PUMP	
Type	Hi-chrome cast iron, centrifugal, closed-vane impeller, synchronous-belt driven
Impeller	30" (76.2 cm) 4-Vanes / 5.5" (140mm) Sphere Passage
Suction	12" (305 mm)
Discharge	10" (254 mm)
Capacity (water @ 68°F)	Variable to 5,000 GPM (315 L/S) @ 210' (64 m) head @ 800 RPM
CUTTER ASSEMBLY	
Type	5 Blade serrated edge (Optional cutting edges available)
Size	31.5" (80 cm) inside diameter
Speed	Variable 0-30 RPM (forward and reverse)
Power	63.7 HP (47.5 kW)
Torque	133,898 in.-lbs. (15,128 N-m)
Operating Depth	Variable to 27' (8.23 m)
BOOM	
Description	Hydraulic cylinder lift, power up and down
SWING WINCHES	
Capacity	11,000lb Line pull (4,989 kg)
HULL	
Dimensions	4' (1.22 m) Tall x 14' 1" (4.29 m) Wide x 39' (11.89 m) Long
Description	Steel, formed for rigidity, integral gussets and bracing, cora-foam filled pontoons
SPUDS	
Description	Hydraulic powered gear rack and pinion drive, power up and down
Length	33' 6" (10.21 m)
HYDRAULIC SYSTEM	
Pumps	Two - fixed displacement gear pumps
Motors	Fixed displacement
Filters	Protected hydrostatic loop
ELECTRICAL SYSTEM	
Alternator	Output - 100 amp
Voltage	12 volt
STANDARD FINISH	
Lower Structure	Black Shear Tar Epoxy Paint
Upper Structure	Blue and White Epoxy Paint

Specifications subject to change without notice

Jul-10