



PUMP AND DREDGE RENTALS

Rent Pump And Dredging Equipment
For The **Toughest** Applications

Growler 1000 Dredge Pump w/ 2-Cutter Heads

Spec Sheet



DAE Pumps

DESIGNED AND ENGINEERED PUMPING SOLUTIONS



Hydraulic Pump

Max Capacity: 2860 GPM (650 m³/h)

Max Head: 89.5' (27m)

Impeller Diameter / Type: 16" (405mm) / 3
Blades Closed

Discharge Size: 12" (300mm)

Solid Handling: 3.6" (90mm)

Motor

Motor Displacement: 9.8 cu. Inch (160 cc)

Max. Oil Flow Rate: 72 GPM (270 l/min)

Max. Pressure: 4351 PSI (300 bar)

Power: 185 HP (475 kW)

Speed: 1450 RPM

Materials

Casing: Spheroidal Cast Iron EN-GJS500-7
(EN 1563)

Motor Housing: Cast Iron EN-GJL-250 (EN
1561)

Wear Parts: High Chrome EN-GJN-HV600
(XCr18) (EN 12513)

Main Shaft: High Tensile Steel 39NiCroMo3
(AISI 9840)

Seals / Lubricant

Motor Side Seals: 2 Lip Seals (BUNA)

Impeller Side Seals: 5 Lip Seals (3 BUNA +
2PTFE) + 1 V-ring (TPU)

Oil type: ISO 320

Electric Pump

Max Capacity: 3170 GPM (720 m³/h)

Max Head: 52' (16m)

Impeller Diameter / Type: 14" (360mm) / 3
Blade Closed

Discharge Size: 10" (250mm)

Solid Handling: 3.6" (90mm)

Motor

Power: 120 HP (90kW)

Voltage / Current: 460V / 78.7A51 GPM (950
l/min)

Phase / Poles / Frequency: 3 / 6 / 60Hz

Speed: 1450 RPM

Insulation Class: H

Power Cable 20m (IEC 60245-4): H07RN-F
4G35

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2PTFE) + 1 V-ring (TPU)

Oil type: ISO 320



Hydraulic Cutter Head x2

Hydraulic Motor: Radial Piston

Max Speed: 50 RPM

Max Power (Cont. Operation): 18 HP (13.4 kW)

Max Power (Inter. Operation): 22 HP (16.4 kW)

Capacity: 9.5 GPM (36 l/m)

Pressure (Cont. Operation): 3626 psi (250 bar)

Pressure (Inter. Operation): 4351 psi (300 bar)

Torque (Cont. Operation): 577 lbs. (262 kgm)

Torque (Inter. Operation): 692 lbs. (314 kgm)

Oil Spec: Viscosity 33 mm/s (4.5°E)

Fixture IN/OUT: 1 ¼" BSP

Drainage: 3/8" BSP

Electric Cutter Head x2

Motor

Power: 12 HP (9 kW)

Rated Current: 19A

Rated Voltage: 400V (50Hz)

Rated Speed: 1450 RPM (4 Poles)

Insulation: Class H

Power Cable: 20m (IEC 60245-4) H07RN-F 4G10

Excavator

Speed: 25 RPM

Rated Torque: 3240 Nm

Starting Torque: 10,000 Nm