DAE Pumps

Designed And Engineered Pumping Solutions

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Growler 3000

8-in Electric Dredge Pump with 2 Side Agitators

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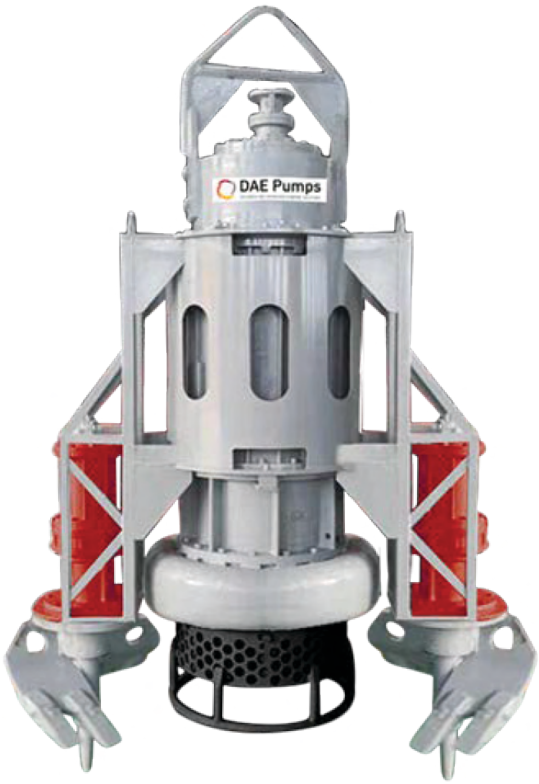

GROWLER 3000

8-in Electric Dredge Pump with 2 Side Agitators

The DAE Pumps Growler 3000 Electric Dredge Pump with 2 Side Agitators is a highly durable and reliable dredge pump for transporting solids and a variety of other materials.

Built with two heavy-duty excavator-grade agitators. The industry's top dredge pump can move up to 78-254 cubic yards of solids per hour between 1056 to 3432 GPM. The DAE Pumps Growler 3000 provides non-clogging suction power to excavate and pump some of the most challenging dredging situations.

The suction power of the mighty pump can handle solids up to 1.75-in moving up to 70% solids by weight through a 8-in discharge.

- 8-Inch Pump
- 1056 - 3432 GPM
- 2 Side Agitators
- Solids Handling up to 1.75 in
- Up to 70% Solids by Weight
- Highly Durable Abrasion Resistant
- Over 185 Ft Head
- Interchangeable Hard Tooth Cutter Heads
- Robust Motor for Strong Torque

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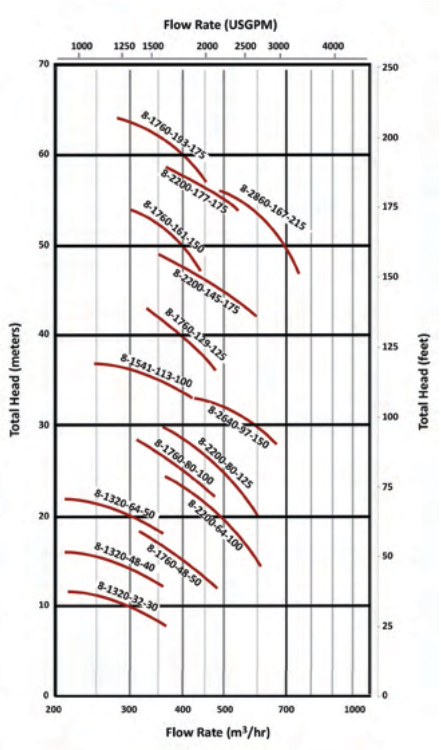
8-in Growler 3000

Pump Models

Model	GPM	Head (Ft)	HP	Yards³/Hour
Growler 3000-8-1320-32-30	1056 1320 1584	36 32 28	30	78 98 117
Growler 3000-8-1320-48-40	1056 1320 1584	55 48 42	40	78 98 117
Growler 3000-8-1320-64-50	1056 1320 1584	74 64 58	50	80 98 117
Growler 3000-8-1541-113-100	1078 1540 1848	122 113 103	100	80 114 137
Growler 3000-8-1760-48-50	1232 1760 2112	55 48 42	50	91 130 156
Growler 3000-8-1760-80-100	1232 1760 2112	87 80 71	100	91 130 156
Growler 3000-8-1760-129-120	1232 1760 2112	132 129 126	120	91 130 156
Growler 3000-8-1760-161-150	1232 1760 2112	171 161 151	150	91 130 156
Growler 3000-8-1760-193-175	1232 1760 2112	206 193 177	175	91 130 156
Growler 3000-8-2200-64-100	1540 2200 2640	73 64 57	100	114 163 196
Growler 3000-8-2200-80-120	1540 2200 2640	87 80 71	120	114 163 196
Growler 3000-8-2200-145-175	1540 2200 2640	154 145 132	175	114 163 196
Growler 3000-8-2200-177-175	1540 2200 2640	190 177 167	175	114 163 196
Growler 3000-8-2640-97-150	1848 2640 3168	106 97 87	150	137 196 235
Growler 3000-8-2860-167-215	2002 2860 3432	180 167 142	215	148 212 254

Pump Curve



Side Agitators

Available in Multiple Powers Options

5 HP / 7.5 HP

10 HP / 15 HP / 20 HP

Cable Deployed Dredge Pump

Excavator Mounted Dredge Pump

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ELECTRIC SLURRY PUMPS

Durable Electric slurry pumps. Versatile and rugged solution for the transfer of abrasive and high-density slurries in mining, civil construction, industry, and other heavy-duty applications.

Versatile Heavy Duty Solution

Growler 3000 series are a heavy-duty, electric submersible slurry pumps designed to handle a wide range of slurries and abrasive particles in submersible applications in mining and industry.

Growler pumps feature a rugged construction using the highest quality materials to ensure reliable performance and excellent service life. The high-quality electric motors incorporate multiple protection features to detect the ingress of water or excessive temperatures to shut off the pump and prevent damage.

Large Cut Water Clearance

The pump casing features a large cut water clearance which allows the easy passage of large solids and reduces wear and erosion to improve service life and prevent loss of efficiency.

Integral Agitator

The 27% chrome white iron agitator assists in pumping slurries by breaking up large particles and agitating high concentrations of solids.

Heavy Duty Construction

The pump casing, impeller, backplate, and agitator are manufactured from high-quality 27% chrome white iron. This extremely tough construction material can withstand continuous use in heavy-duty applications and allows the pump to transfer abrasive and dense slurries with minimal wear. The pumps feature a replaceable backplate allowing for simple servicing and easy replacement of worn components.

Motor Insulation

Motor insulation is used to ensure reliable operation in heavy duty applications in temperatures up to +70 °C.

Support Frame and Strainer

A heavy-duty mild steel frame with a round base and strainer provides excellent stability and durability whilst preventing blockages.

Double Mechanical Seal

A double mechanical seal provides excellent shaft sealing between the electric motor and the wet end. The seals are oil bath lubricated and feature carbon/ceramic seal faces in the wet end and tungsten ceramic faces in the drive end to provide excellent durability and service life across a wide range of duties and applications.

Oil Chamber Leakage Probe

The oil chamber incorporates a water leakage probe which detects when the water-to-oil ratio is too high and automatically shuts down the motor to prevent damage.

Motor Float Switch

A float switch is located in the bottom of the motor to detect the ingress of water and shut down the motor to prevent damage due to shorting out.

Motor Temperature Sensors

A float switch is located in the bottom of the motor to detect the ingress of water and shut down the motor to prevent damage due to shorting out.

Thrust Bearing Sensors

Temperature and moisture sensors are located in the motor thrust bearings to detect excessive temperatures and the ingress of water and shut down the motor to prevent bearing failure.

Optional External Cooling

Cooling jackets can be provided with an external water supply in high-temperature applications to keep the motor temperature down and prevent excessive stator and bearing damage.