

G & GH Gravel Pump

Heavy duty Dredge & Gravel pump



General Information

The Milestone range of Dredge and Gravel pumps is designed to provide continuous pumping of highly abrasive slurries containing large particles at high maintained efficiencies with low maintenance and ownership costs.

General Application

- Sand and Gravel
- Hydraulic Mining
- Water treatment plants
- Sugar beet & other root vegetables
- Chemical / Processing
- Slag Granulation
- Tunnelling

Technical Data

Head: Up to 109m

Flow: Up to 1500 liters per sec

Features

- Heavy duty grease lubricated taper roller TimKen Bearings.
- High Chrome 27% Wet ends parts.
- Enhanced performance
- Enhanced efficiencies
- Enhanced abrasion resistance
- Meeting international standards
- Heavy duty design 4140 material shaft
- High strength cast iron bearing housing
- Side sealing vanes on the shaft side of the impeller reduce gland

pressure and intrusion of solids into the gland area

- The special shape of the impeller vanes and casing combine with side sealing vanes to reduce recirculation down the front of the impeller and exclude abrasive solids from between the impeller and casing.
- The large volume of the casing reduces internal velocities resulting in reduced wear.
- Simple impeller adjustment is achieved using a very robust one piece casting that cradles the bearing cartridge assembly with a conveniently located adjustment facility. It also supports the pump wet end using a minimum number of through bolts.
- An easily removable shaft sleeve manufactured in either hardened steel or ceramic coated steel with o-ring seals at both ends protects the shaft from abrasive or corrosive contaminants

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Performance & Specifications

