

GLOBAL DREDGING/SLURRIES/SOLIDS



Heavy duty submersible agitator pumps specifically designed for handling slurries with a high content of abrasive solids. The pumps have been extremely successful for clients operating in specialized sectors who face severe conditions and solve very difficult applications. The pumps are positioned as submersible dredge pumps for marine and energy sectors as well as in mining for minerals and other materials. Handling slurries with up to 70% solids content and specific gravity up to 1.7, with a capacity of up to 5,300 gpm at 275 feet of head.

With high chrome wear parts and specially designed, grease packed lip seals, the pumps are manufactured with exceptional structural quality to maximize the benefits of the customer's initial investment and achieve low maintenance and service costs.

FEATURES

VARIED APPLICATIONS

- Removal of silt build up at marinas
- Harbors, dock loading facilities, etc.
- Waste sludge handling
- Tank clean out
- Waste collection ponds
- Dredging deep deposits (up to 120 m deep)
- Sands mining
- Barge unloading
- Waste collection pit
- Ash sumps
- Dredging waste ponds
- Clean up sumps
- Gold tailings reclamation
- Settling and collection ponds
- Underground slimes collection ponds
- Conveyor tunnel sumps
- Coal tailings relocation
- Crusher sumps
- Grinding area sumps
- Flotation area sumps
- Truck wash sumps
- Mill scale pits
- Coke plant scale pit
- Blast furnace slag pit
- Water treatment sumps
- Clean out caissons in construction
- Transfer of bentonite slurry
- Overburden removal
- Reclaiming beaches
- River, lake and canal clean out.

ADVANCED DESIGN

The mixing and excavating movement is created by the Hi-CR steel agitator cutter blades. The agitator lifts and sucks settled sediments and solids, creating a continuous uninterrupted flow of concentrated slurry into the pump.

ABRASION RESISTANCE

Long life and performance reliability are guaranteed by robust, heavy-duty construction. Lower operating RPM and High Chrome wear parts guarantees lower wear rates and prolonged component life.

SOLIDS HANDLING

Dragflow pump parts have been specially designed and shaped to provide outstanding performance, providing superb solids handling capabilities but with reduced wear (solid size up to 5 inches).

Dragflow electric motors are all Class H insulated and have a minimum 125 service factor.

Pumps are equipped with a unique lip seal system with a front deflector to prevent fine materials from penetrating the seal.

High quality materials ensure long life of all components.

Temperature sensor, embedded in the electric motor, and moisture sensor, in the oil chamber, are available options to protect the pump in the most demanding application.

Adjustable Hi-Chrome suction side Wear Plate maintains maximum performance for extended periods by a simple adjustment of the gap between the wear plate and the impeller.

Replaceable wear parts: casings, impellers, wear plates all can be replaced independently.

Lube Oil Inspection Ports: a wide angle port outside the pump ensures easy inspection of shaft seal oil levels as well as providing easy access for oil replacement.

The excavating action is created by the Hi-Chrome agitator blades that lift settled sediments which then get sucked into the pump, creating a continuous flow of concentrated slurry.



Electric Pumps
EL Series



Hydraulic Pumps
HY Series

ELECTRIC PUMPS (EL SERIES)

Power: from 5 to 150 HP

Capacity: from 150 to 4,500 gpm (34 to 1,022 m³/h)

Head: from 15 to 275 ft (5 to 84 m)

Discharge distance: up to 3,300 feet 1,000 m)

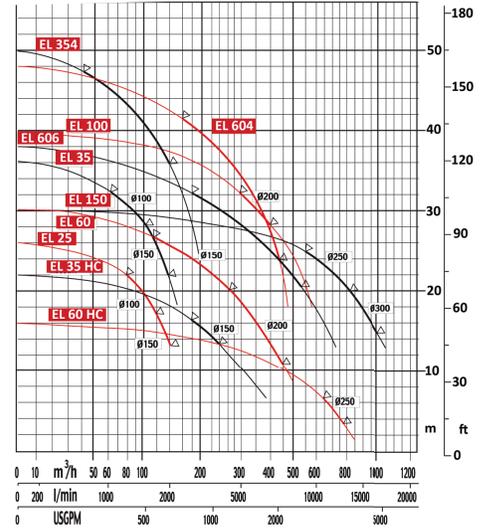
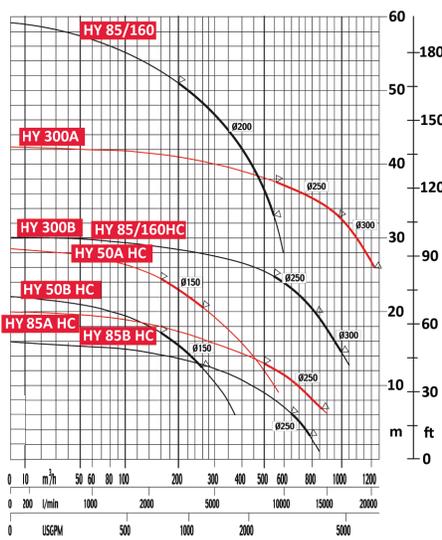
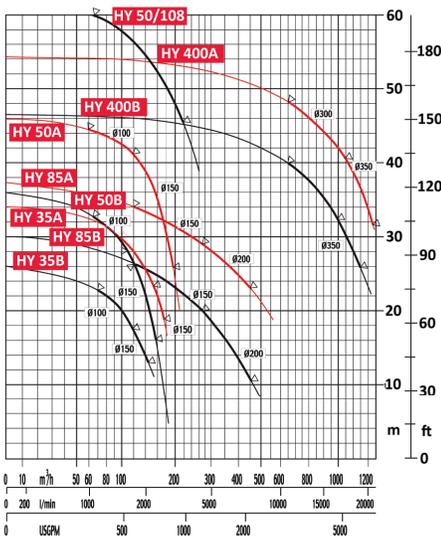
HYDRAULIC PUMPS (HY SERIES)

Power: from 24 to 400 Horse Power

Capacity: from 165 to 5,300 gpm 37 to 1,204 m³/h)

Head: from 15 to 275 ft (5 to 84 m)

Discharge distance: up to 4,300 ft (1,300 m)



GLOBAL PUMP
10162 East Coldwater Road, Davison, MI 48423

Tel: 810.653.4828 Fax: 810.658.0632

1.866.360.PUMP

www.globalpump.com