



# Circle Pumps

## SH8-75 HEAVY DUTY SUBMERSIBLE DREDGE PUMP EXCAVATOR MOUNTING



- **Up to 75HP PUMP POWER**
- **HIGH TORQUE**
- **DISCHARGE SIZE 8 INCH (200mm).**
- **DESIGNED FOR HEAVY SAND SLURRIES.**
- **MAX CAPACITY 350m<sup>3</sup>/hr (1,450gpm).**
- **MAX HEAD 40m (130ft).**
- **SINGLE HYDRAULIC INPUT DRIVE**
- **ADJUSTABLE SPEED & POWER**
- **SOLIDS CAPACITY 60mm DIAMETER**
- **JETTING RING ATTACHMENT OPTION**



### EXCAVATOR MOUNTING (15 ~ 22T CLASS)

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# SH8-75

## Specifications

**Discharge Size** 8" (200mm)  
**Max Power** 80HP (60kw)  
**Capacity** 350m<sup>3</sup>/hr at 30m.  
**Solids Size** 60mm Diameter

**Hyd. Flow** 150ltr/min  
**Hyd. Press.** 250 bar  
**Max speed** 1,200 rpm

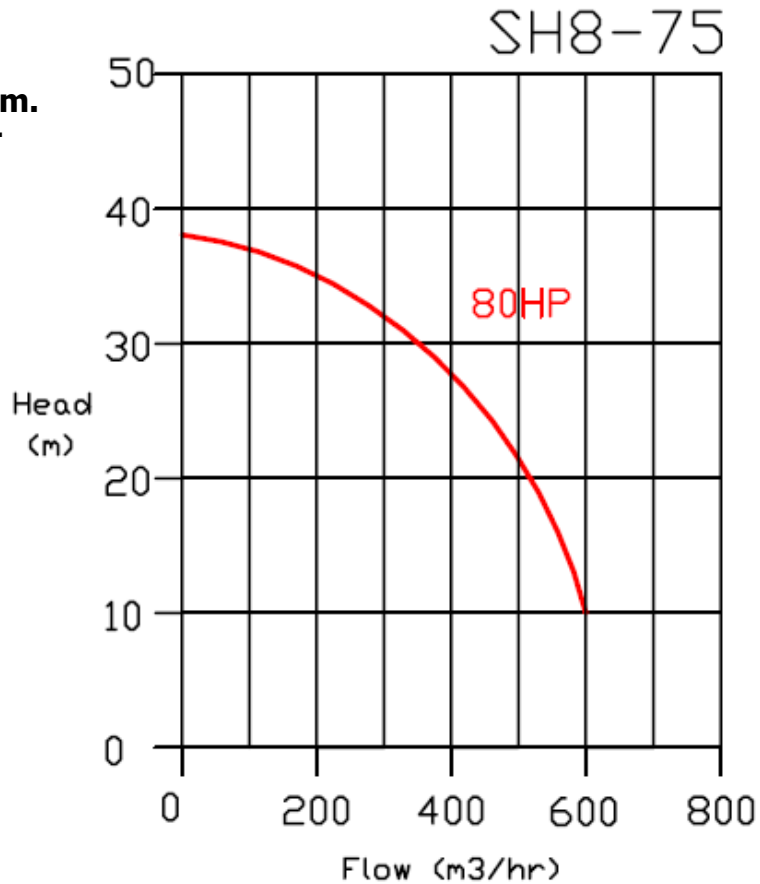
## Materials

**Casing** FCD550  
**Impeller** Hi-Chrome  
**Agitator** Hi-Chrome  
**Wear Plates** Hi-Chrome  
**Shaft** SCM435

## Excavator

**Drive Power** 75HP  
**Cutter Head Dia.** 800mm  
**Hyd. Flow** 150 Ltr/min  
**Hyd. Pressure** 150 bar

**Total unit weight 1,800kg**



**Hydraulic Flow divider valve with flow control to adjust speed of pump and cutter independently of each other for various ground conditions.**

**The main features of our heavy duty slurry pump is a heavy design of casing and 28% HiCr impeller & wear plates. Excellent combination of materials provides long term operation even in harsh abrasive slurries.**

**High torque cutter drive with piston motor through planetary transmission gearbox, with large diameter drive shaft, double bearings with heavy duty thrust bearings both top and bottom.**

## Optional Accessories

**Heavy duty rubber dredging hoses, HDPE hoses, Floating Pipes.**

**Jetting Ring attachments, jetting pumps, jetting hoses.**

**Lifting frame Options, excavator mounting plates.**