



# 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)

No. 2-2, Hsin Hsing Rd, Peitun District. Taichung 406. Taiwan.

Tel : +886 4 24264898 Fax : +886 4 24256230

# 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

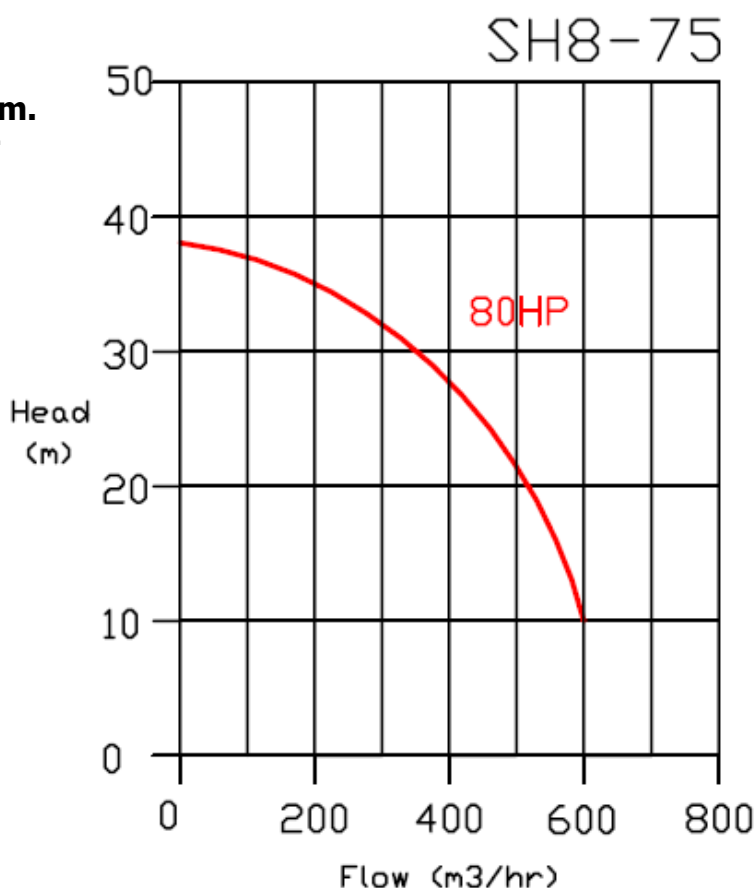
## Materials

**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.