

# API 10-40-90 DREDGER

500 Galones por minuto



Submersible Pump Dredger Model API10-40-90

## Principal particulars

Dredger body: 11.5 m\*4.0\*1.5  
Draft: 0.6m  
Dredging depth: 15m  
Discharge Distance: 500m  
Water Flow: 400m<sup>3</sup>/hr  
Paint: Anti-corrosive paint

## Dredge Pump

Model: API10-40-90  
Flow: 500M<sup>3</sup>/hr, head: 40m  
Power: 90kw, 480V, 60Hz  
Discharge pipe: 8"(200mm)  
Speed: 1450r/min

## Power

150 kw Generator set  
Control Box: With control panel for all electric device

Api 10 offers the toughest Submersible Slurry Pump Dredge in the industry for handling rocks, gravel, sand, minerals, bentonite and others.

## Lifting equipment

For Sand pump: 1 set of winch-5 tons  
For cable: 2 sets of winches

## Moving equipment

2 sets of winches-3 tons

## Fixing equipment

1 set of winch

## Operating Cabin

Control Desk: 1 set  
Adjustable Chair: 1 piece

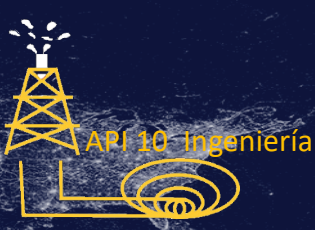
## Abchors and Wire Ropes

Anchor: 3 Nos. @ 160kg  
winch wire: 100 m on each winch

## DREDGER PARAMETERS

No	Model	Unit				API 10-40-90
1	Dredger body size (L*W*H)	m				8.0x3.0x1.0(2 PCS)
2	Pump power	KW				90~132
3	Pump size	inch				6/8/10
4	Pump flow capacity	cbm/hr				200~1250
5	Max. passing gravel diameter	mm				56
6	Max. dredging depth	m				25
7	Max. Discharge distance	m				1100
8	Discharge pipe diameter	inch				6/8/10
9	General control Box (optional)	KW				110-160
10	Generator (optional)	KW				120-320
11	Other configuration					
12	Cable length	m			10	
13	Power Supply				480V, 60Hz, 3 phrase	
14	Remark					1. Hydraulic system pump is available.
						2. Generator power is affected by control box start way.
						3. Max 3 pieces of extra agitator can be added.
						4. Above data could be adjusted and customized according to your specific

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## Product Description

### Submersible Slurry Dredge

Submersible dredge, also called submersible slurry pump dredger, is designed and manufactured with optimized hydrodynamics technology for sand dredging and silt clearing.

API 10 submersible dredge is equipped with our own specially designed submersible dredger pump, advanced high-efficiency suction reamer head and the famous brand motor. All of them are integrated together to realize high dredger suction ratio, more thorough dredging and large slurry or sand output.

API 10 heavy duty submersible pump is made of high-chromium alloy material with good wear-resisting property and big flow passageway which is suitable for transportation of even 60mm diameter medium including mud with big solid particles, ore pulp, coal pulp and coarse sand, etc. The flexible sensing probe can realize over-heating protection, water-intake inspect protection and oil chamber protection, ensuring long and safe pump operation under abominable working conditions. Our submersible dredge features reliable, efficient and robust design, strong dredge body construction, cost-saving, easy to operate and maintain. It is the best dredging equipment for small and medium-scale multifunctional dredging projects.

Mainly used to dredging the river, lake to deepen the river or lake bed, ensure the rain season with enough place for more water and sludge. API 10 submersible slurry dredge is the ideal equipment to dredge sand, gravel, solids, and all kinds of sludge in diverse applications related to sand mining, slurry dredging in construction, oil and mining industry as well as marine, energy, and industrial applications.

## ✓ Advantage

### 1.- Easy Operation

The submersible slurry dredge is composed of a submersible slurry pump, pontoon, soundproof generator, discharge pipe. All of these are easy to operate, when arriving at the working site, the customer just needs to make assembly and operate it.

### 2.- Low Noise

The generator with soundproof can make the submersible slurry pump dredger with low noise.

### 3.- Small Space Occupy

The submersible slurry dredge is a small pontoon, which can be moved by remote control in the small river or canal.

### 4.- High Efficient with Bottom Agitator

The submersible dredger pump can be equipped with a bottom agitator high pressure pumps which can mix the bottom slurry up and then pump the slurry out and if you want to finish the project in a short time, suggest this sand suction dredger.

### 5.- Environmentally Friendly

### 6.- Low Fuel Consumption

### 7.- Air Condition Cabin

### 8.- Garmin Sonar with GPS position RT

### 8.- Discharge hoses

### 9.- Marine Radio

### 10.- 1 year Warranty and country support and services.

Our submersible dredge pump and the suitable pontoon, especially the remote control made everything easily