



Jet Suction Dredger JSD400

Jet suction dredger is widely used to recover materials from great depths and can also extract sand from below a clay overburden which is also called jet sand suction dredger. Jet suction dredger is equipped with high pressure water pump and powerful sand suction pump. The water pump can produce high pressure high speed water jet to impact the bottom of sand layer and splashing the mixed sand around the suction head, and the sand suction pump conveys the sand to the destination through the discharge pipe.

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Jet Suction Dredger Features

Novel design, High efficient, large output, long discharge distance

High quality wear resistance and long serve life sand pump

Pumping depth reaches up to 20-30 meters underwater

Dredge hull consists of multiple pontoons connected by proven coupling system

Highly efficient fuel consumption and minimum overall operational costs

Control box and instrument are mounted in ergonomic dash board

Low investment and good operating performance

Simple and fast assembly and disassembly, easy to operate

OEM, ODM, customization are available



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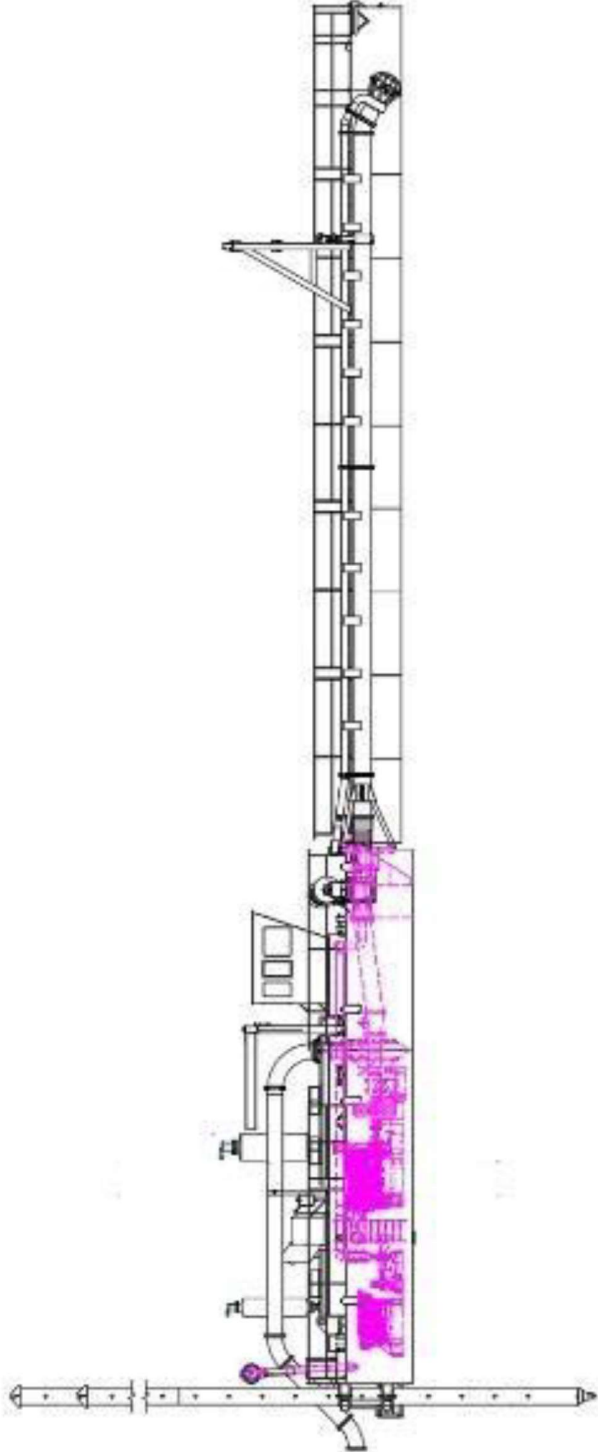
No	Item	JSD350	JSD400
1	Dredge performance	Sand capacity (cbm/hr)	360-390
2		Max. Discharge distance (m)	200-1800
3		Max. gravel diameter passing through (mm)	60-70
4		Max. dredging depth (m)	20
5	Dredge body	Size (LxWxH) (mm)	
6	Sand suction system	Pump size (inch)	16/14
7		Pump flow (cbm/hr)	2200-2600
8		Pump head (m)	30-50
9		Pump speed (rpm)	550-700
10		Main engine power (KW)	410-460
11		Gearbox	Yes
12		Connect metal base	Include
13		High pressure water pump	jetting sand up
14	Electric power system	Generator	electric power
15	Control system	Control room	Yes
16		Control board	Yes
17	Lifting appliance	Electric winch	Yes
18	Propeller equipment	Propeller with engine	movement
19	Other equipment	Rubber suction hose, suction head, handrail, anchors, shelter, life jacket, etc.	



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Stormwater & Marine Construction
528 Upper Sherman Ave. Hamilton ON. L8V 3M1
Phone 905 921 7598 Seawaves.development@gmail.com