DREDGING CUTTER HEADS

Bucket Wheel Assembly

ISO9001 Supplier

Class Certificate

Export Supply

Bucket wheel assembly General description The bucket wheel dredging system is suitable for mining most of the soil type, with different cutter tooth it can mining rock sandy soil clay mixed soil....



Key Highlights

Category	Dredging Cutter Heads
Standard	DIN
Weight / Size	Performance data Hydraulic drive A(mm) B(mm) C(mm) D(mm) Power(kw) Speed...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications			
Category	Dredging Cutter Heads	**Model / SKU**	Bucket-Wheel-Assembly
Standard	DIN	**Weight / Size**	Performance data Hydraulic drive A(mm) B(mm) C(mm) D(mm) Power(kw) Speed(rpm) Mud absorbing (m3/h) Weight(kg) 800 150-250 850 1000 30-50 30 180 2800 1250 250-300 1000 1150 65-110 26 220 3500 1800 300-450 1600 1600 120-150 22 440 7000 2500 400-650 2050 2300 230-350 20 1000 20000 3350 600-850 2800 3000 400-500 16 2100 40000 Motor drive A(mm) B(mm) C(mm) D(mm) Power(kw) Speed(rpm) Mud absorbing (m3/h) Weight(kg) 4000 600-850 4900 2800 500-750 135 2400 80000 4500 800-1000 5800 3200 750-1000 130 3000 100000 5200 850-1000 6000 4000 1000-1500 100 3900 188000 6000 900-1200 6500 4500 1500-2000 70 5200 200000
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	**Warranty**	12 Months unless specified otherwise
Origin	China		

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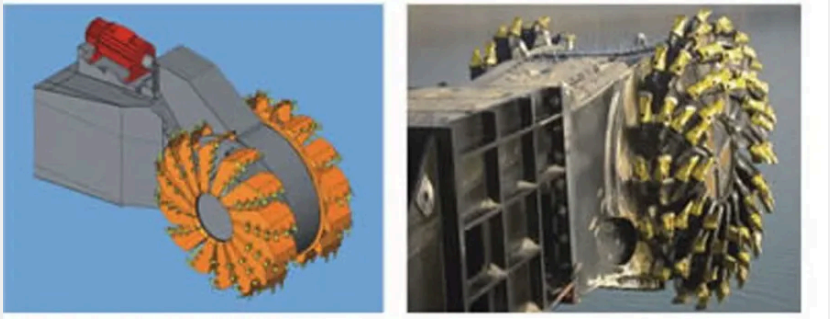
Bucket wheel assembly

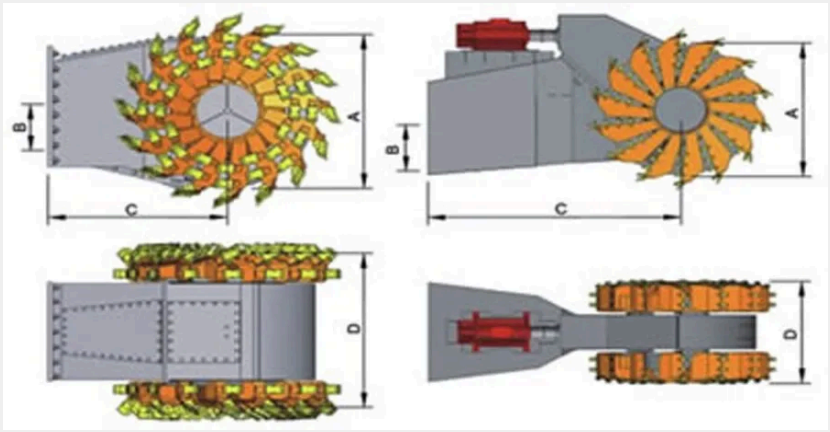
General description

The bucket wheel dredging system is suitable for mining most of the soil type, with different cutter tooth it can mining rock sandy soil clay mixed soil. Bucket wheel power range from 15kw to 6000kw. Bucket wheel assembly can be divided into two drive modes as hydraulic drive and motor drive according to knife wheel diameter and power.

Double row bucket wheel

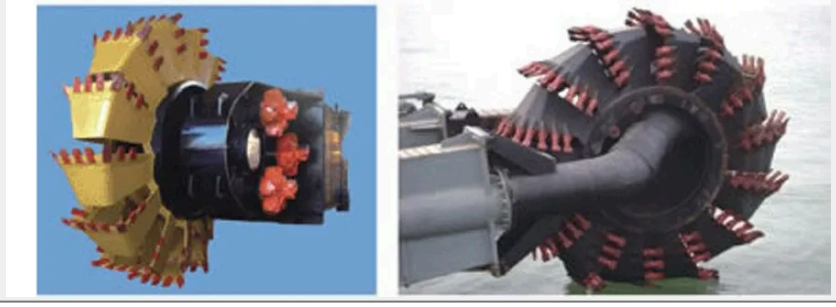
Double row bucket wheel has compact structure high strength rigid enough and dredging efficiency is relatively high, symmetrically arranged knife wheel of relative knife right and left swinging direction cutting and mining when working, decorated the guide plate right and left inside the mouth sucking, when right and left knife wheel cutting knife wheel of cutting side will be responsible for sucking, maximum guarantee high concentrations of dredging mud.

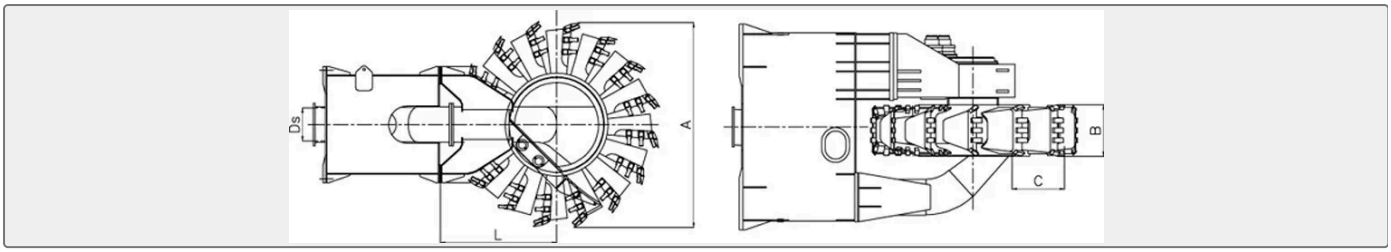




Single-row bucket wheel

Single-row bucket wheel is cheaper and lighter than double row bucket wheel.





Performance data

Hydraulic drive

A(mm)	B(mm)	C(mm)	D(mm)	Power(kw)	Speed(rpm)	Mud absorbing (m3/h)	Weight(kg)
800	150-250	850	1000	30-50	30	180	2800
1250	250-300	1000	1150	65-110	26	220	3500
1800	300-450	1600	1600	120-150	22	440	7000
2500	400-650	2050	2300	230-350	20	1000	20000
3350	600-850	2800	3000	400-500	16	2100	40000

Motor drive

A(mm)	B(mm)	C(mm)	D(mm)	Power(kw)	Speed(rpm)	Mud absorbing (m3/h)	Weight(kg)
4000	600-850	4900	2800	500-750	135	2400	80000
4500	800-1000	5800	3200	750-1000	130	3000	100000
5200	850-1000	6000	4000	1000-1500	100	3900	188000
6000	900-1200	6500	4500	1500-2000	70	5200	200000