

CHUANYI 200 Cutter Suction Dredger

General Description:

Cutter Suction **Dredger** is self-propelled or non-self-propelled, portable cutter suction dredger. Hull can be dismantled and re-assemble easily with box structure, equipped with horizontal shifting devices, cutter ladder lifting devices, spud devices, deck crane and so on. Widely used in sand-excavating, river dredging, channel maintenance and broaden, de-silting, reclamation for channels and land, port construction etc.

Advantage:

Reliable and Efficient

The key component like engine, pump and hydraulic system are adopted the international brand.

Tested in pool before delivery

We do quality test for every dredger before delivery to assure every part function properly.

Services-experienced engineers to guide installing and training local workers.24/7 technical support standby. Free spare part in the first year, low cost for services.

Dismantled and easy transport



CHUANYI 200 (8inch 800m3)		
Dredger LOA		15.8m
Hull size(LXBXH)		12.0*3.5*1.5m
Structure		Can be dismantle and re-assemble easily, box structure, lower delivery cost
Power		280kw
Main engine brand		Multiple Purposes
Harbour generator		20kw/Cummins
Dredging pump		Warman Technology
Discharge pipe inner Dia.		200mm
Head		70m
Max. dredging depth		5m
Water flow		800m3/h
Solid sand capacity		160m ³ /h
Discharge distance		800m
Cutter head Dia.		900mm
Cutter power		30kw
Draught		1.1m
Displacement		100T
Hydraulic control system		PLC Siemens
Wire rope pulling force (Lifting winch)	Quantity	20KN *1
Wire rope pulling force (Traversing winch) *Quantity		20KN *2
Operation room	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights	
Total weight		60T
Total power		280kw
Total fuel oil consumption		42L/H

CHUANYI 250 Cutter Suction Dredger

General Description:

Cutter **Suction Dredger** is self-propelled or non-self-propelled, portable cutter suction dredger. Hull can be dismantled and re-assemble easily with box structure, equipped with horizontal shifting devices, cutter ladder lifting devices, spud devices, deck crane and so on. Widely used in sand-excavating, river dredging, channel maintenance and broaden, desilting, reclamation for channels and land, port construction etc.

Advantage:

Reliable and Efficient

The key component like engine, pump and hydraulic system are adopted the international brand.

Tested in pool before delivery

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Services-experienced engineers to guide installing and training local workers.24/7 technical support standby. Free spare part in the first year, low cost for services.

Dismantled and easy transport



CHUANYI 250	(10inch 1000m3/h)	
Dredger LOA		22.0m
Hullsin (L × B × H)		16.0*6.2*1.5m
Main pontoon (LXBXH)		11.6*2.2*1.5m
Side pontoon (LXBXH)		14.0*2.0*1.5m
Structure		Can be dismantle and re-assemble easily, box structure, lower delivery cost
Power		480kw
Main engine brand		Multiple Purposes
Harbour generator		20kw/Cummins
Dredging pump		Warman Technology
Discharge pipe inner Dia.		350mm
Head		70m
Max. dredging depth		9m
Water flow		1000m3/h
Solid sand capacity		200m3/h
Discharge distance		1000m
Cutter head Dia.		1100mm
Cutter power		50kw
Draught		1.2m
Displacement		120T
Hydraulic control system		PLC Siemens
Wire rope pulling force (Lifting winch) *Quantity		30KN *1
Wire rope pulling force (Traversing winch) *Quantity		30KN *2
Operation room	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights	
Total weight		65T
Total power		480kw
Total fuel oil consumption		71.5L/H

CHUANYI 300 Cutter Suction Dredger

General Description:

Cutter **Suction Dredger** is self-propelled or non-self-propelled, portable cutter suction dredger. Hull can be dismantled and re-assemble easily with box structure, equipped with horizontal shifting devices, cutter ladder lifting devices, spud devices, deck crane and so on. Widely used in sand-excavating, river dredging, channel maintenance and broaden, de-silting, reclamation for channels and land, port construction

Advantage:

Reliable and Efficient

The key component like engine, pump and hydraulic system are adopted the international brand.
Tested in pool before delivery

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Services-experienced engineers to guide installing and training local workers.24/7 technical support standby. Free spare part in the first year, low cost for services.

Dismantled and easy transport



CHUANYI 300(12inch 1500m3/h)		
Dredger LOA		24.0m
<i>HullSize(LXBXH)</i>		19.0*6.2*1.9m
Main pontoon(LXBXH)		11.6*2.2*1.9m
Side pontoon (LXBXH)		16.0*2.0*1.9m
Structure		Can be dismantle and re-assemble easily, box structure, lower delivery cost
Power		720kw
Main engine brand		Multiple Purposes
Harbour generator		20kw/Cummins
Dredging pump		Warman Technology
Discharge pipe inner Dia.		300mm
Head		70m
Max. dredging depth		10m
Water flow		1500m3/h
Solid sand capacity		300m ³ /h
Discharge distance		1200m
Cutter head Dia.		1200mm
Cutter power		60kw
Draught		1.3m
Displacement		150T
Hydraulic control system		PLC Siemens
Wire rope pulling force (Lifting winch) *Quantity		40KN *1
Wire rope pulling force (Traversing winch) *Quantity		40KN *2
Operation room	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights	
Total weight		
Total power		
Total fuel oil consumption		

CHUANYI 350 Cutter Suction Dredger

General Description:

Cutter Suction Dredger is self-propelled or non-self-propelled, portable cutter suction dredger. Hull can be dismantled and re-assemble easily with box structure, equipped with horizontal shifting devices, cutter ladder lifting devices, spud devices, deck crane and so on. Widely used in sand-excavating, river dredging, channel maintenance and broaden, de-silting, reclamation for channels and land, port construction etc.

Advantage:

Reliable and Efficient

The key component like engine, pump and hydraulic system are adopted the international brand.

Tested in pool before delivery

We do quality test for every dredger before delivery to assure every part function properly.

Services-experienced engineers to guide installing and training local workers.24/7 technical support standby. Free spare part in the first year, low cost for services.

Dismantled and easy transport



CHUANYI 350	(14inch 2000m ³ /h)	
Dredger LOA		26.0m
HullSize(LXBXH)		19.0*7.5*2.0m
Main pontoon (LXBXH)		13.8*3.5*2.0m
Side pontoon(L × B × H)		19.0*2.0*2.0m
Structure		Can be dismantle and re-assemble easily, box structure, lower delivery cost
Main engine power		700kw
Main engine brand		Selected by customers
Auxiliary engine power		224kw
Auxiliary engine brand		Selected by customers
Harbour generator		30kw/Cummins
Dredging pump		Warman Technology
Discharge pipe inner Dia.		350mm
Head		75m
Max. dredging depth		12m
Water flow		2000m ³ /h
Solid sand capacity		400m ³ /h
Discharge distance		1500m
Cutter head Dia.		1400mm
Cutter power		70kw
Draught		1.5m
Displacement		180T
Hydraulic control system		PLC Siemens
Wire rope pulling force (Lifting winch) *Quantity		80KN *1
Wire rope pulling force (Traversing winch) *Quantity		80KN *2
Operation room	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights	
Total weight		145T
Total power		924kw
Total fuel oil consumption		139L/H

CHUANYI 400 Cutter Suction Dredger

General Description:

Cutter Suction **Dredger** is self-propelled or non-self-propelled, portable cutter suction dredger. Hull can be dismantled and re-assemble easily with box structure, equipped with horizontal shifting devices, cutter ladder lifting devices, spud devices, deck crane and so on. Widely used in sand-excavating, river dredging, channel maintenance and broaden, de-silting, reclamation for channels and land, port construction etc.

Advantage:

Reliable and Efficient

The key component like engine, pump and hydraulic system are adopted the international brand.

Tested in pool before delivery

We do quality test for every dredger before delivery to assure every part function properly.

Services-experienced engineers to guide installing and training local workers.24/7 technical support standby. Free spare part in the first year, low cost for services.

Dismantled and easy transport



CHUANYI 400	(16inch 2500m3/h)	
Dredger LOA		28.0m
HullSize(LXBXH)		19.0*7.5*2.2m
Main pontoon (LXBXH)		13.8*3.5*2.2m
Side pontoon(L × B × H)		19.0*2.0*2.2m
Structure	Can be dismantle and re-assemble easily, box structure, lower delivery cost	
Main engine power		746kw
Main engine brand		Selected by customers
Auxiliary engine power		224kw
Auxiliary engine brand		Selected by customers
Harbour generator		30kw/Cummins
Dredging pump		Warman Technology
Discharge pipe inner Dia.		400mm
Head		75m
Max. dredging depth		13m
Water flow		2500m3/h
Solid sand capacity		500m3/h
Discharge distance		1500m
Cutter head Dia.		1450mm
Cutter power		70kw
Draught		1.6m
Displacement		180T
Hydraulic control system		PLC Siemens
Wire rope pulling force (Lifting winch) *Quantity		80KN *1
Wire rope pulling force (Traversing winch) *Quantity		80KN *2
Operation room	Adjustable chair, movable side-window, air condition, PLC system, Signal lights and floodlights	
Total weight		145T
Total power		970kw
Total fuel oil consumption		146L/H

CHUANYI 450 Cutter Suction Dredger

General Description:

Cutter Suction **Dredger** is self-propelled or non-self-propelled, portable cutter suction dredger. Hull can be dismantled and re-assemble easily with box structure, equipped with horizontal shifting devices, cutter ladder lifting devices, spud devices, deck crane and so on. Widely used in sand-excavating, river dredging, channel maintenance and broaden, de-silting, reclamation for channels and land, port construction etc.

Advantage:

Reliable and Efficient

The key component like engine, pump and hydraulic system are adopted the international brand.

Tested in pool before delivery

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Services-experienced engineers to guide installing and training local workers.24/7 technical support standby. Free spare parts in the first year, low cost for services.

Dismantled and easy transport



CHUANYI 450	(18inch 3000m3/h)	
Dredger LOA		31.0m
<i>HullSize(LXBXH)</i>		23.0*7.5*2.4m
Main pontoon(L × B × H)		13.8*3.5*2.4m
Side pontoon(L × B × H)		22.0*2.0*2.4m
Structure		Can be dismantle and re-assemble easily, box structure, lower delivery cost
Main engine power		895kw
Main engine brand		Selected by customers
Auxiliary engine power		224kw
Auxiliary engine brand		Selected by customers
Harbour generator		30kw/Cummins
Dredging pump		Warman Technology
Discharge pipe inner Dia.		450mm
Head		75m
Max. dredging depth		14m
Water flow		3000m ³ /h
Solid sand capacity		600m ³ /h
Discharge distance		1500m
Cutter head Dia.		1500mm
Cutter power		80kw
Draught		1.7m
Displacement		224T
Hydraulic control system		PLC Siemens
Wire rope pulling force (Lifting winch) *Quantity		80KN *1
Wire rope pulling force (Traversing winch) *Quantity		80KN *2
Operation room	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights	
Total weight		180T
Total power		1119kw
Total fuel oil consumption		168L/H

CHUANYI 500 Cutter Suction Dredger

General Description:

Cutter **Suction Dredger** is self-propelled or non-self-propelled, portable cutter suction dredger. Hull can be dismantled and re-assemble easily with box structure, equipped with horizontal shifting devices, cutter ladder lifting devices, spud devices, deck crane and so on. Widely used in sand-excavating, river dredging, channel maintenance and broaden, de-silting, reclamation for channels and land, port construction etc.

Advantage:

Reliable and Efficient

The key component like engine, pump and hydraulic system are adopted the international brand.

Tested in pool before delivery

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Services-experienced engineers to guide installing and training local workers.24/7 technical support standby. Free spare parts in the first year, low cost for services.

Dismantled and easy transport



CHUANYI 500	(20inch 4000m3/h)	
Dredger LOA		33.0m
HullSize(LXBXH)		27.0*8.5*2.4m
Main pontoon (LXBXH)		15.4*3.5*2.4m
Side pontoon(L × B × H)		24.0*2.5*2.4m
Structure		Can be dismantle and re-assemble easily, box structure, lower delivery cost
Main engine power		1136kw
Main engine brand		Selected by customers
Auxiliary engine power		298kw
Auxiliary engine brand		Selected by customers
Harbour generator		30kw/Cummins
Dredging pump		Warman Technology
Discharge pipe inner Dia.		500mm
Head		75m
Max. dredging depth		15m
Water flow		4000m3/h
Solid sand capacity		800m ³ /h
Discharge distance		2000m
Cutter head Dia.		1600mm
Cutter power		170kw
Draught		1.7m
Displacement		302T
Hydraulic control system		PLC Siemens
Wire rope pulling force (Lifting winch) *Quantity		100KN *1
Wire rope pulling force (Traversing winch) *Quantity		100KN *2
Operation room	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights	
Total weight		245T
Total power		1434kw
Total fuel oil consumption		215L/H

CHUANYI 550 Cutter Suction Dredger

General Description:

Cutter Suction Dredger is self-propelled or non-self-propelled, portable cutter suction dredger. Hull can be dismantled and re-assemble easily with box structure, equipped with horizontal shifting devices, cutter ladder lifting devices, spud devices, deck crane and so on. Widely used in sand-excavating, river dredging, channel maintenance and broaden, de-silting, reclamation for channels and land, port construction etc.

Advantage:

Reliable and Efficient

The key component like engine, pump and hydraulic system are adopted the international brand.

Tested in pool before delivery

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Services-experienced engineers to guide installing and training local workers.24/7 technical support standby. Free spare part in the first year, low cost for services.

Dismantled and easy transport



CHUANYI 550 (22inch 4500m3/h)		
Dredger LOA		36.0m
HullSize(LXBXH)		27.0*8.5*2.5m
Main pontoon (LXBXH)		15.4*3.5*2.5m
Side pontoon (LXBXH)		24.0*2.5*2.5m
Structure	Can be dismantle and re-assemble easily, box structure. lower delivery cost	
Main engine power		1500kw
Main engine brand		Selected by customers
Auxiliary engine power		298kw
Auxiliary engine brand		Selected by customers
Harbour generator		30kw/Cummins
Dredging pump		Warman Technology
Discharge pipe inner Dia.		550mm
Head		80m
Max. dredging depth		16m
Water flow		4500m3/h
Solid sand capacity		900m3/h
Discharge distance		2000m
Cutter head Dia.		1700mm
Cutter power		170kw
Draught		1.7m
Displacement		302T
Hydraulic control system		PLC Siemens
Wire rope pulling force (Lifting winch) *Quantity		160KN *1
Wire rope pulling force (Traversing winch) *Quantity		100KN *2
Operation room	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights	
Total weight		245T
Total power		1798kw
Total fuel oil consumption		269L/H

CHUANYI 600 Cutter Suction Dredger

General Description:

Cutter Suction **Dredger** is self-propelled or non-self-propelled, portable cutter suction dredger. Hull can be dismantled and re-assemble easily with box structure. equipped with horizontal shifting devices, cutter ladder lifting devices, spud devices, deck crane and so on. Widely used in sand-excavating, river dredging, channel maintenance and broaden, de-silting, reclamation for channels and land, port construction etc.

Advantage:

Reliable and Efficient

The key component like engine, pump and hydraulic system are adopted the international brand.

Tested in pool before delivery

We do quality test for every dredger before delivery to assure every part function properly.

Services-experienced engineers to guide installing and training local workers.24/7 technical support standby. Free spare parts in the first year, low cost for services.

Dismantled and easy transport



CHUANYI 600	(24inch 5500m3/h)
Dredger LOA	41.0m
HullSize(LXBXH)	31.0*9.3*2.6m
Main pontoon (LXBXH)	18.2*3.7*2.6m
Side pontoon (LXBXH)	28.0*2.8*2.6m
Structure	Can be dismantle and re-assemble easily, box structure, lower delivery cost
Main engine power	1800kw
Main engine brand	Selected by customers
Auxiliary engine power	450kw
Auxiliary engine brand	Selected by customers
Harbour generator	30kw/Cummins
Dredging pump	Warman Technology
Discharge pipe inner Dia.	600mm
Head	80m
Max. dredging depth	16m
Water flow	5500m ³ /h
Solid sand capacity	1100m ³ /h
Discharge distance	2000m
Cutter head Dia.	2000mm
Cutter power	300kw
Draught	1.7m
Displacement	385T
Hydraulic control system	PLC Siemens
Wire rope pulling force (Lifting winch) *Quantity	160KN *1
Wire rope pulling force (Traversing winch) *Quantity	100KN *2
Operation room	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights
Total weight	370T
Total power	2250kw
Total fuel oil consumption	338L/H

CHUANYI 650 Cutter Suction Dredger

General Description:

Cutter Suction Dredger is self-propelled or non-self-propelled, portable cutter suction dredger. Hull can be dismantled and re-assemble easily with box structure, equipped with horizontal shifting devices, cutter ladder lifting devices, spud devices, deck crane and so on. Widely used in sand-excavating, river dredging, channel maintenance and broaden, de-silting, reclamation for channels and land, port construction etc.

Advantage:

Reliable and Efficient

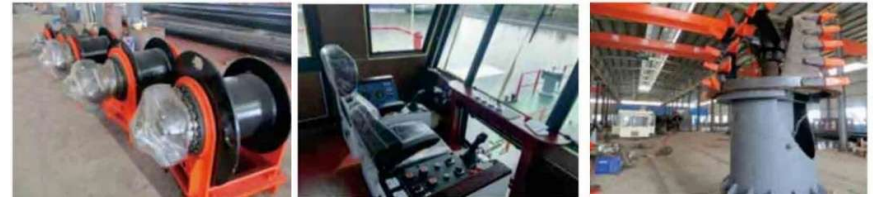
The key component like engine, pump and hydraulic system are adopted the international brand.

Tested in pool before delivery

We do quality test for every dredger before delivery to assure every part function properly.

Services-experienced engineers to guide installing and training local workers.24/7 technical support standby. Free spare parts in the first year, low cost for services.

Dismantled and easy transport



CHUANYI 650	(26inch 6000m3/h)	
Dredger LOA		43.0m
<i>HuIISiZe(LXBXH)</i>		38.0*9.8*2.8m
Main pontoon(LXBXH)		18.2*3.8*2.8m
Side pontoon (LXBXH)		29.0*3.0*2.8m
Structure		Can be dismantle and re-assemble easily, box structure, lower delivery cost
Main engine power		2200kw
Main engine brand		Selected by customers
Auxiliary engine power		720kw
Auxiliary engine brand& power		Selected by customers
Harbour generator		75kw/Cummins
Dredging pump		Warman Technology
Discharge pipe inner Dia.		650mm
Head		80m
Max. dredging depth		16m
Water flow		6000m ³ /h
Solid sand capacity		1200m ³ /h
Discharge distance		2000m
Cutter head Dia.		2100mm
Cutter power		350kw
Draught		2.0m
Displacement		725T
Hydraulic control system		PLC Siemens
Wire rope pulling force (Lifting winch) *Quantity		180KN *1
Wire rope pulling force (Traversing winch) *Quantity		120KN *2
Operation room	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights	
Total weight		660T
Total power		2920kw
Total fuel oil consumption		438L/H

CHUANYI 700 Cutter Suction Dredger

General Description:

Cutter Suction Dredger is self-propelled or non-self-propelled, portable cutter suction dredger. Hull can be dismantled and re-assemble easily with box structure, equipped with horizontal shifting devices, cutter ladder lifting devices, spud devices, deck crane and so on. Widely used in sand-excavating, river dredging, channel maintenance and broaden, de-silting, reclamation for channels and land, port construction etc.

Advantage:

Reliable and Efficient

The key component like engine, pump and hydraulic system are adopted the international brand.

Tested in pool before delivery

We do quality test for every dredger before delivery to assure every part function properly.

Services-experienced engineers to guide installing and training local workers.24/7 technical support standby. Free spare parts in the first year, low cost for services.

Dismantled and easy transport



CHUANYI 700	(28inch 7000m3/h)	
Dredger LOA		45.0m
<i>HullSize(LXBXH)</i>		38.0*9.8*3.0m
Main pontoon (LXBXH)		18.2*3.8*3.0m
Side pontoon (LXBXH)		29.0*3.0*3.0m
Structure		Can be dismantle and re-assemble easily, box structure, lower delivery cost
Main engine power		3000kw
Main engine brand		Selected by customers
Auxiliary engine power		1000kw
Auxiliary engine brand		Selected by customers
Harbour generator		75kw/Cummins
Dredging pump		Warman Technology
Discharge pipe inner Dia.		700mm
Head		64m
Max. dredging depth		17m
Water flow		7000m ³ /h
Solid sand capacity		1400m ³ /h
Discharge distance		2200m
Cutter head Dia.		2200mm
Cutter power		500kw
Draught		2.0m
Displacement		780T
Hydraulic control system		PLC Siemens
Wire rope pulling force (Lifting winch) *Quantity		200KN *1
Wire rope pulling force (Traversing winch) *Quantity		160KN *2
Operation room	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights	
Total weight		700T
Total power		4000kw
Total fuel oil consumption		600L/H

CHUANYI 800 Cutter Suction Dredger

General Description:

Cutter Suction **Dredger** is self-propelled or non-self-propelled, portable cutter suction dredger. Hull can be dismantled and re-assemble easily with box structure, equipped with horizontal shifting devices, cutter ladder lifting devices, spud devices, deck crane and so on. Widely used in sand-excavating, river dredging, channel maintenance and broaden, de-silting, reclamation for channels and land, port construction etc.

Advantage:

Reliable and Efficient

The key component like engine, pump and hydraulic system are adopted the international brand.

Tested in pool before delivery

We do quality test for every dredger before delivery to assure every part function properly.

Services-experienced engineers to guide installing and training local workers.24/7 technical support standby. Free spare parts in the first year, low cost for services.

Dismantled and easy transport



CHUANYI 800	(32inch 7500m3/h)
Dredger LOA	50.0m
Hull size (LXBXH)	46.0*12.1*3.5m
Main pontoon (LXBXH)	26.0*4.5*3.5m
Side pontoon (LXBxH)	40.0*3.8*3.5m
Structure	Can be dismantled and re-assemble easily, box structure, lower delivery cost
Main engine power	3500kw
Main engine brand & power	Selected by customers
Auxiliary engine power	1000kw
Auxiliary engine brand	Selected by customers
Harbour generator	100kw/Cummins
Dredging pump	Warman Technology
Discharge pipe inner Dia.	800mm
Head	66m
Max. dredging depth	17m
Water flow	7500m ³ /h
Solid sand capacity	1500m ³ /h
Discharge distance	2500m
Cutter head Dia.	2350mm
Cutter power	500kw
Draught	2.7m
Displacement	1100T
Hydraulic control system	PLC Siemens
Wire rope pulling force (Lifting winch) *Quantity	280KN *1
Wire rope pulling force (Traversing winch) *Quantity	200KN *2
Operation room	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights
Total weight	1000T
Total power	4500kw
Total fuel oil consumption	675L/H

Cutter Suction Dredger-Dual Pump

General Description:

Except our standard cutter suction dredger, we also manufacture custom-made cutter suction dredgers for our clients. The most remarkable characteristic with Dual-dredge pumps. Both are same model centrifugal pumps. The 1st pump is installed on the cutter ladder, the 2nd pump is installed inside the main pontoon. The sand mixture goes into the 1st pump from the suction pipe, then pumped into the 2nd pump by the middle pipe and finally discharged to floating pipelines by 2nd pump.

Advantage:

The advantage is the dredging depth will be increased and can improve working capacity. Improve the working efficiency, enabling customers to benefit expanded.



Cutter Suction Dredger-Dual Pump				
	CHUANYI 300D	CHUANYI 400D	CHUANYI 500D	
Dredger LOA	26.0m	42.0m	43.0m	
Hull size (LXBXH)	19.0*7.0*2.0m	36.0*7.5*2.5m	38.0*9.1*2.5m	
Main pontoon(LXBXH)	11.6*3.0*2.0m	13.8*3.5*2.5m	15.4*3.5*2.5m	
Side pontoon (LXBXH)	16.0*2.0*2.0m	34.0*2.0*2.5m	36.0*2.8*2.5m	
Structure	Can be dismantle and re-assemble easily, box structure,			
Main engine brand	Selected by customers			
Main engine power	634kw	634kw	895kw	
Auxiliary engine brand	Selected by customers			
Auxiliary engine power	----	224kw	447kw	
Discharge pipe Dia.	300mm	400mm	500mm	
Max. dredging depth	16m	22m	25m	
Water flow	2000m ³ /h	2500m ³ /h	4000m ³ /h	
Solid sand capacity	500m ³ /h	625m ³ /h	1000m ³ /h	
Discharge distance	1500m	1500m	2000m	
Draught	1.4m	1.7m	1.7m	
Hydraulic winch	130/50KN	160/80KN	160/100KN	
Cutter head Dia.	1450mm	1500mm	1700mm	
Cutter power	50kw	80kw	170kw	
Spud cylinder Dia.	100mm	160mm	160mm	
Spud diameter and length	ø325mmX23m	ø457mmX31m	ø510mmX35m	
Emergency genset power	24GF/Cummins	24GF/Cummins	24GF/Cummins	
Total fuel oil consumption	80L/H	129L/H	201L/H	

Cutter Suction Dredger-Dual Pump				
	CHUANYI 600D	CHUANYI 700D	CHUANYI 800D	
Dredger LOA	46.0m	49.0m	52.0m	
Hull size (LXBXH)	39.0*10.5*2.8m	40.0*10.8*3.6m	46.0*12.1*3.8m	
Main pontoon (LXBXH)	18.2*3.5*2.8m	20.0*3.8*3.6m	26.0*4.5*3.8m	
Side pontoon (LXBXH)	38.0*3.5*2.8m	39.0*3.5*3.6m	40.0*3.8*3.8m	
Structure	Can be dismantle and re-assemble easily, box structure,			
Main engine brand	Selected by customers			
Main engine power	1740kw	3000kw	3500kw	
Auxiliary engine brand	Selected by customer s			
Auxiliary engine power	920kw	1000kw	1000kw	
Discharge pipe Dia.	600mm	700mm	800mm	
Max. dredging depth	25m	28m	30m	
Water flow	6000m ³ /h	7500m ³ /h	8000m ³ /h	
Solid sand capacity	1800m ³ /h	2250m ³ /h	2400m ³ /h	
Discharge distance	2000m	2500m	2500m	
Draught	1.7m	2.0m	2.7m	
Hydraulic winch	240/160KN	240/160KN	320/240KN	
Cutter head Dia.	2050mm	2200mm	2350mm	
Cutter power	300kw	500kw	500kw	
Spud cylinder Dia.	160mm	180mm	180mm	
Spud diameter and length	ø720mmX35m	ø720mmX40m	ø720mmX42m	
Emergency genset power	30GF/Cummins	30GF/Cummins	30GF/Cummins	
Total fuel oil consumption	399L/H	600L/H	675L/H	

Bucket Chain Dredger

General Description:

Bucket Chain Dredger is non-self-propelled. The pontoon adopts the assembled box structure. With excavation device, lifting device, large particle filter device, transmission device, transfer device, excavated sediment delivery to the sand transportation ship by the conveyor belt. The process including mining sand separation, stone broken, stone grading, sediment washing separation, heavy metal extraction, dehydration, transportation and so on

Bucket Chain Dredger can customize according to the requirement of the clients.

Advantage:

- | | | |
|---------------------|--------------------------------|---|
| Best price Low cost | Energy-efficient | Outstanding durability reliable performance |
| Easy Transportation | Long service life and warranty | High Quality |
| Easy Maintenance | Service & Training | |

Bucket Chain Dredger				
	CHUANYI-B60	CHUANYI-B80	CHUANYI-B100	CHUANYI-B120
Dredger LOA	23.0m	25.0m	28.0m	35.0m
Hull size(LXBXH)	20.0*4.5*1.0m	22.0*5.0*1.0m	25.0*6.0*1.0m	32.0*6.5*1.2m
Structure	Can be dismantle and re-assembled easily, box structure, lower delivery cost			
Main engine brand	Selected by customers			
Main engine power	75kw	88kw	105kw	115kw
Max. dredging depth	8m	8m	10m	13m
Draught	0.6m	0.6m	0.6m	0.7m
Max. capacity	60m ³ /h	80m ³ /h	100m ³ /h	120m ³ /h
Chain bucket quantity	64pcs	64pcs	64pcs	64pcs
Chain bucket speed	15.2m/min	15.2m/min	15.2m/min	18m/min
Chain size	600x100x30mm	600x100x30mm	700x100x30mm	800x100x35mm
Chain material	Mn13Cr2	Mn13Cr2	Mn13Cr2	Mn13Cr2
Chain quantity	128pcs	128pcs	128pcs	128pcs
Total power	95kw	108kw	125kw	135kw
Total fuel oil consumption	14L/H	16L/H	19L/H	20L/H



Bucket Chain Dredger				
	CHUANYI-B150	CHUANYI-B200	CHUANYI-B300	CHUANYI-B400
Dredger LOA	38.0m	42.0m	46.0m	49.0m
Hull size(LXBXH)	35.0*6.5*1.2m	39.0*7.0*1.4m	43.0*7.8*1.4m	46.0*8.0*1.4m
Structure	Can be dismantle and re-assembled easily, box structure, lower delivery cost			
Main engine brand	Selected by customers			
Main engine power	125kw	147kw	205kw	240kw
Max.dredging depth	16m	20m	25m	28m
Draught	0.7m	0.8m	0.8m	0.9m
Max. capacity	150m ³ /h	200m ³ /h	300m ³ /h	400m ³ /h
Chain bucket quantity	64pcs	88pcs	88pcs	88pcs
Chain bucket speed	18m/min	18m/min	18m/min	18m/min
Chain size	800x100x40mm	800x120x40mm	1000x150x50mm	1100x150x50mm
Chain material	Mn13Cr2	Mn13Cr2	Mn13Cr2	Mn13Cr2
Chain quantity	128pcs	176pcs	176pcs	176pcs
Total power	145kw	167kw	225kw	260kw
Total fuel oil consumption	22L/H	25L/H	34L/H	39L/H

*All products could be designed according to customer is requirements!

QUALITY AND INNOVATION IS OUR SPECIALITY

Jet Suction Dredger

General Description:

Jet Suction Dredger through high pressure jet water column to disperse the ore body, marine engine controlled by the frequency converter drives suction pump to make a vacuum, the mixed medium is sucked into the pump then sent to the platform. Refined according to the required Dia.) into the distributor, through the distributor into the gold-election equipment. The selected concentrate is transported to the destination by transfer pump, and the waste flows through the chute to the side of the beneficiation platform. Operation room is equipped with A/C and monitor.

Advantage:

Best price Low cost	Energy-efficient	Outstanding durability reliable performance
Easy Transportation	Long service life and warranty	High Quality
Easy Maintenance	Service & Training	



Jet Suction Dredger				
	CHUANYI-J100	CHUANYI-J200	CHUANYI-J300	CHUANYI-J400
Dredger LOA	27.0m	29.0m	30.0m	33.0m
Hull size(LXBXH)	23.0*4.0*1.4m	25.0*4.6*1.4m	26.0*4.6*1.8m	32.0*6.4*2.0m
Structure	Can be dismantle and re-assembled easily, box structure, lower delivery cost			
Main engine brand	Selected by customers			
Main engine power	75kw	88kw	103kw	258kw
Dredging pump	8/6"	10/8"	12/10"	14/12"
Jet pump power	4kw	7.5kw	11kw	15kw
Max. dredging depth	9m	11m	13m	15m
Pump flow	540m3	900m3	1370m3	2000m3
Draught	0.6m	0.6m	1.0m	1.1m
Max. capacity	100m3/h	200m3/h	300m3/h	400m3/h

Jet Suction Dredger			
	CHUANYI-J500	CHUANYI-J650	CHUANYI-J750
Dredger LOA	36.0m	39.0m	39.0m
Hull size(LXBXH)	32.0*6.4*2.0m	35.0*8.0*2.4m	35.0*8.0*2.4m
Structure	Can be dismantle and re-assembled easily, box structure, lower delivery cost		
Main engine brand	Selected by customers		
Main engine power	330kw	368kw	478kw
Dredging pump	14/12"	16/14"	18/16"
Jet pump power	18.5kw	30kw	37kw
Max. dredging depth	16m	17m	18m
Pump flow	2500m3	3250m3	3600m3
Draught	1.2m	1.6m	1.6m
Max. capacity	500m3/h	650m3/h	750m3/h

*All products could be designed according to customer is requirements!

Wheel Bucket Dredger

General Description:

Wheel Bucket Dredger with full hydraulic control, dismantle and re-assemble easily ,suitable for inland waterway dredging, ditches and reservoir dredging operations. Whole ship adopts hydraulic and centralized control system, consists of three pontoons. detachable type Cabin. equipped with anchor boom, trolley and other devices. Auto lubrication device for cutter ensure long life, independent positioning metal floating ring seal.

Advantage:

- | | | |
|---------------------|--------------------------------|---|
| Best price Low cost | Energy-efficient | Outstanding durability reliable performance |
| Easy Transportation | Long service life and warranty | High Quality |
| Easy Maintenance | Service & Training | |



Wheel Bucket Dredger				
	CHUANYI-W200	CHUANYI-W250	CHUANYI-W300	CHUANYI-W350
Dredger LOA	17.0m	23.0m	25.0m	27.0m
Hull size(LXBXH)	13.0*5.2*1.5m	16.0*6.2*2.0m	19.0*6.2*2.0m	19.0*7.5*2.0m
Main pontoon(LXBXH)	8.3*2.2*1.5m	11.6*2.2*2.0m	11.6*2.2*2.0m	13.8*3.5*2.0m
Side pontoon (LXBXH)	11.0*1.5*1.5m	14.0*2.0*2.0m	16.0*2.0*2.0m	19.0*2.0*2.0m
Structure	Can be dismantle and re-assemble easily, box structure, lower delivery costs			
Main engine brand	Selected by customers			
Main engine power	220kw	336kw	559kw	634kw
Auxiliary engine brand	Selected by customers			
Auxiliary engine power		--	--	224kw
Harbour generator	20GF/Cummins	20GF/Cummins	20GF/Cummins	30GF/Cummins
Discharge pipe Dia.	200mm	250mm	300mm	350mm
Max. dredging depth	8m	9m	10m	11m
Water flow	800m ³ /h	1000m ³ /h	1500m ³ /h	2000m ³ /h
Solid sand capacity	160m ³ /h	200m ³ /h	300m ³ /h	400m ³ /h
Discharge distance	800m	1000m	1200m	1500m
Draught	1.1m	1.2m	1.3m	1.4m
Hydraulic control system	PLC Siemens	PLC Siemens	PLC Siemens	PLC Siemens
Total power	220kw	336kw	559kw	858kw
Total fuel oil consumption	33L/H	50L/H	84L/H	129L/H

*All products could be designed according to customer is requirements!



Wheel Bucket Dredger

	CHUANYI-W400	CHUANYI-W450	CHUANYI-W500	CHUANYI-W550
Dredger LOA	29.0m	31.0m	36.0m	38.0m
Hull size(LXBXH)	19.0*7.5*2.0m	23.0*7.5*2.5m	27.0*8.5*2.5m	27.0*8.5*2.5m
Main pontoon(LXBXH)	13.8*3.5*2.0m	13.8*3.5*2.5m	15.4*3.5*2.5m	15.4*3.5*2.5m
Side pontoon (LXBXH)	19.0*2.0*2.0m	22.0*2.0*2.5m	24.0*2.5*2.5m	24.0*2.5*2.5m
Structure	Can be dismantle and re-assemble easily ,box structure, lower delivery cost			
Main engine brand	Weichai/Cummins/MWM/YuChai			
Main engine power	734kw	895kw	1268kw	1491kw
Auxiliary engine brand	Weichai/Cummins/MWM/YuChai			
Auxiliary engine power	224kw	224kw	298kw	298kw
Harbour generator	30GF/Cummins	30GF/Cummins	30GF/Cummins	30GF/Cummins
Discharge pipe Dia.	400mm	450mm	500mm	550mm
Max. dredging depth	13m	14m	15m	16m
Water flow	2500m ³ /h	3000m ³ /h	4000m ³ /h	4500m ³ /h
Solid sand capacity	500m ³ /h	600m ³ /h	800m ³ /h	900m ³ /h
Discharge distance	1500m	1500m	2000m	2000m
Draught	1.4m	1.7m	1.7m	1.7m
Hydraulic control system	PLC Siemens	PLC Siemens	PLC Siemens	PLC Siemens
Total power	970kw	1119kw	1566kw	1798kw
Total fuel oil consumption	146L/H	168L/H	235L/H	268L/H

*All products could be designed according to customer is requirements!

Wheel Bucket Dredger

	CHUANYI-W600	CHUANYI-W650	CHUANYI-W700	CHUANYI-W800
Dredger LOA	41.0m	43.0m	45.0m	50.0m
Hull size(LXBXH)	31.0*9.3*3.2m	38.0*9.8*3.6m	38.0*9.8*3.6m	46.0*12.1*3.8m
Main pontoon(LXBXH)	18.2*3.7*3.2m	18.2*3.8*3.6m	18.2*3.8*3.6m	26*4.5*3.8m
Side pontoon (LXBXH)	28.0*2.8*3.2m	29.0*3.0*3.6m	29.0*3.0*3.6m	40.0*3.8*3.8m
Structure	Can be dismantle and re-assemble easily, box structure, lower delivery costs			
Main engine brand	Selected by customers			
Main engine power	2190kw	2380kw	3000kw	3500kw
Auxiliary engine brand	Selected by customers			
Auxiliary engine power	450kw	720kw	1000kw	1000kw
Harbour generator	30GF/Cummins	75GF/Cummins	75GF/Cummins	100GF/Cummins
Discharge pipe Dia.	600mm	650mm	700mm	800mm
Max. dredging depth	16m	16m	17m	17m
Water flow	5500m ³ /h	6000m ³ /h	7000m ³ /h	7500m ³ /h
Solid sand capacity	1100m ³ /h	1200m ³ /h	1400m ³ /h	1500m ³ /h
Discharge distance	2000m	2000m	2200m	2500m
Draught	1.7m	2.0m	2.0m	2.7m
Hydraulic control system	PLC Siemens	PLC Siemens	PLC Siemens	PLC Siemens
Total power	2640kw	3100kw	4000kw	4500kw
Total fuel oil consumption	396L/H	465L/H	600L/H	675L/H

*All products could be designed according to customer is requirements!

Vacuum Suction Dredger

General Description:

Vacuum Suction Dredger is used for digging out sand under water. Dredger's move is rely on the windlass on dredger. Middle Anterior of the dredger is open base, where sand suction head extend into water. Main deck on bow was equipped with a set of lifting equipment to lift the sand suction head. Using windlass to lift or descent the sand suction head. The max. dredging depth of this dredger is 20m. The dredger's structure is transverse framing and electro welding steel structure.

Advantage:

Best price Low cost	Energy-efficient	Outstanding durability reliable performance
Easy Transportation	Long service life and warranty	High Quality
Easy Maintenance	Service & Training	



Vacuum Suction Dredger						
	CHUANYI-V100	CHUANYI-V200	CHUANYI-V300	CHUANYI-V400	CHUANYI-V500	
Dredger LOA	28.0m	32.0m	36.0m	40.0m	44.0m	
Hull size(LXBXH)	18.0*6.0*1.5m	22.0*6.5*1.6m	26.0*7.0*1.8m	30.0*7.5*2.0m	34.0*8.0*2.0m	
Structure	Can be dismantle and re-assembled easily, box structure, lower delivery cost					
Main engine brand	Selected by customers					
Main engine power	515kw	601kw	808kw	1000kw	1200kw	
Dredging pump head	18m	20m	26m	30m	35m	
Dredging pump power	110kw	200kw	200kw	200kw	280kw	
Max. dredging depth	12m	15m	18m	20m	25m	
Water flow	1000m ³	1500m ³	2000m ³	2500m ³	3000m ³	
Draught	1.1m	1.2m	1.3m	1.4m	1.6m	
Max. capacity	350m ³ /h	450m ³ /h	650m ³ /h	750m ³ /h	900m ³ /h	
Total weight	100T	120T	140T	160T	180T	
Total power	625kw	801kw	1008kw	1200kw	1480kw	

*All products could be designed according to customer is requirements!

Multi-function Service Work Boat

General Description:

Multi-function Service Work Boat is used for cutter suction dredger in regular operation and maintenance, the standard option including wheelhouse, deck crane and also can be customized. The new type work boat is widely used for transporting dredging workers, diesel oil and hydraulic oil etc.

Advantage:

- Transport the dredgers and dredging equipment
- Anchor handling
- Towing
- Floating pipeline handling
- Providing the commuting and accommodation
- Maintenance support



		CHUANYI-S240
Hull size(LXBXH)		10.0*6.0*1.8m
Pontoon size(L × B × H)		(10.0*3.0*1.8m)X2
Hull material thickness		8mm/8mm/10mm
Draught		1.2m
Displacement		60T
Fuel oil capacity		15m3
Fresh water capacity		3T
Deck crane lift		1.0T
Speed		15kn/h
Anchor weight & QTY.		70kgx2
Volume in bulk		180m3
Main engine brand		Selected by customers
Main engine power		240HP
Engine quantity		2pcs
Gearbox maker		Hangchi
Gearbox QTY.		2pcs
Generator power		12kw
Total fuel oil consumption		27L/H

*All products could be designed according to customer is requirements!



Multi-function Service Work Boat

	CHUANYI-S300	CHUANYI-S380
Hull size(LXBXH)	12.0*6.0*2.0m	16.0*6.0*2.0m
Pontoon size(L × B × H)	(12.0*3.0*2.0m)X2	(16.0*3.0*2.0m)X2
Hull material thickness	8mm/8mm/10mm	10m/8mm/10mm
Draught	1.3m	1.5m
Displacement	80T	130T
Fuel oil capacity	20m3	30m3
Fresh water capacity	3T	5T
Deck crane lift	1.5T	2T
Speed	15kn/h	15kn/h
Anchor weight & QTY.	70kgx2	70kgx2
Volume in bulk	210m3	280m3
Main engine brand	Weichai/Cummins/MWM/YuChai	
Main engine power	300HP	376HP
Engine quantity	2pcs	2pcs
Gearbox maker	Hangchi	Hangchi
Gearbox QTY.	2pcs	2pcs
Generator power	12kw	30kw
Total fuel oil consumption	33L/H	41L/H

Multi-function Service Work Boat

	CHUANYI-S410	CHUANYI-S500
Hull size(LXBXH)	20.0*7.0*2.5m	22.0*8.0*2.8m
Pontoon size (LXBXH)	(20.0*3.5*2.5m)X2	(22.0*4.0*2.8m)X2
Hull material thickness	10mm/8mm/10mm	12mm/10mm/12mm
Draught	1.8m	2m
Displacement	200T	270T
Fuel oil capacity	30m3	35m3
Fresh water capacity	5T	5T
Deck crane lift	2.5T	3T
Speed	20kn/h	20kn/h
Anchor weight & QTY.	70kgx2	70kgx2
Volume in bulk	340m3	420m3
Main engine brand	Selected by customers	
Main engine power	410HP	500HP
Engine quantity	2pcs	2pcs
Gearbox maker	Hangchi	Hangchi
Gearbox QTY.	2pcs	2pcs
Generator power	30kw	30kw
Total fuel oil consumption	45L/H	55L/H

River Mining Machinery

General Description:

Bucket Chain Gold Dredger, The hull adopts the assembled box structure. Equipped with operating room, generator sets, digging devices, sand separation devices, the primary gold extraction device, vibrating selected device, tailings recovery, tailings delivery devices, lifting devices, positioning devices. can be designed according to the working environment.

Main Function:

Bucket Chain Gold Dredger, the process is mixing sand, stone, mud material in the drum screen, separate stone and sand, then fine sand conveyed into chute to get extracted, then tailings flow through the chute.



River Mining Machinery				
		CHUANYI-M60	CHUANYI-M80	CHUANYI-M100
Hull size(LXBXH)		24.0*4.5*1.0m	27.0*5.4*1.0m	30.0*4.8*1.0m
Dredging depth		7m	12m	13m
Draught		0.6m	0.6m	0.8m
Max. capacity		60m ³ /h	80m ³ /h	100m ³ /h
Drum screen (LxDia.)		1.4mx1.2m	2.4mx1.4m	2.4mx1.4m
Drum screen power		5.5kw	5.5kw	5.5kw
Generator brand*power		Weichai*75kw	Weichai*75kw	Weichai*75kw
Main motor	Dredging power	37kw	55kw	55kw
	Lift motor	7.5kw	18kw	22kw
	Drum screen motor	5.5kw	5.5kw	5.5kw
	Injection pump power	7.5kw	11.5kw	11.5kw
	Migration device x QTY.	4kwx3	4kwx3	5.5kwx2
	Power units	Weichai x 75kw	Weichai x 75kw	Weichai x 75kw
Chain bucket	Capacity	0.035m ³	0.05m ³	0.08m ³
	Chain bucketed speed	32 buckets/min	32 buckets/min	32 buckets/min
	Quantity	86pcs	62pcs	62pcs
Chain	Size	600x100x30mm	600x100x30mm	800x100x35mm
	Quantity	172 pcs	124 pcs	124 pcs

River Mining Machinery				
		CHUANYI-M120	CHUANYI-M150	CHUANYI-M200
Hull size(LXBXH)		35.0*7.6*1.2m	38.0*6.6*1.2m	38.0*6.6*1.2m
Dredging depth		15m	18m	18m
Draught		0.8m	0.8m	0.8m
Max. capacity		120m ³ /h	150m ³ /h	150m ³ /h
Drum screen (LxDia.)		2.4mx1.4m	2.6mx1.5m	2.6mx1.5m
Drum screen power		7.5kw	11kw	11kw
Generator brand*power		Weichai*75kw	Weichai*75kw	Weichai*75kw
Main motor	Dredging power	75kw	75kw	75kw
	Lift motor	22kw	22kw	22kw
	Drum screen motor	7.5kw	11kw	11kw
	Injection pump power	15kw	15kw	15kw
	Migration device x QTY.	7.5kwx3	7.5kwx3	7.5kwx3
	Power units	Weichai x 75kw	Weichai x 75kw	Weichai x 75kw
Chain bucket	Capacity	0.08m ³	0.08m ³	0.08m ³
	Chain bucketed speed	32 buckets/min	32 buckets/min	32 buckets/min
	Quantity	86pcs	86pcs	86pcs
Chain	Size	800x120x40mm	800x120x40mm	800x120x40mm
	Quantity	172 pcs	172 pcs	172 pcs

Land Mining Machinery

General Description:

This Alluvial Gold Mining Equipment is built according to customers detail requests and the local circumstance. The whole equipment come along with the operation cabin, the storage hopper with Isolation fence, bucket feed conveyor, sand and stone separate screen, water injection system, rotating belt chutes, centrifuges, secondary recovery chute, etc.

Main Function:

Onshore Iron & Gold Mining Machinery, the process is mixing sand, stone, mud material in the drum screen, separate stone and sand, then fine sand conveyed into chute to get extracted, then tailings flow through the chute.



		Land Mining Machinery	
		CHUANYI-M100L	CHUANYI-M300L
Storage Hooper Dimension (LXBXH)		4.0*1.5*1.5m	6.7*2.2*2.2m
Max. capacity		100m ³ /h	300m ³ /h
Bucket feed conveyor	Main frame height	4.0m	5.0m
	Power	10kw	30kw
	Reducer	ZQ750	ZQ850
	Bucket numbers	20sets	32sets
	Bucket capacity	0.07m ³	0.20m ³
	Chain dimension (L*W*H)	400x100x30mm	900x100x30mm
	Chains quantity	20 sets	60 sets
	Lift bucket frame height	1.5m	2.8m
Drum screen and gold selection system	Lift bucket frame material	Φ 140*6# steel tube	Φ 140*6# steel tube
	Lift power	2.0kw	5.5kw
	Dia.	1.4m	1.6m
	Length	5m	6m
	Power	10kw	18.5kw
Rotating belt chute	Water flow	200m ³ /h	500m ³ /h
	Head of the water pump	8m	15m
Centrifugal	Working length	2.0m	3.0m
	Rotate speed	0-20m/min	0-20m/min
Diesel generator	Power	7.5kw	7.5kw
	Quantity	2 sets	2 sets
Diesel generator	Brand	Weichai	Weichai
	Total power	120kw@1500rpm	155kw@1500rpm
	Total fuel oil consumption	18L/H	23L/H

Sand Transportation

General Description:

Sand Transportation Ship is self-propelled, self-unloading sand transport equipment, Floating body can be divided into the integral or separation structure, The ship is equipped with propulsion system, storage silo system, delivery rack landing gear, positioning anchor device, conveying device operating room.

Main Function:

Sand Transportation Ship used for delivery sand, stone, iron & gold mining to the land, conveyed to the land by belt, then switch into the next step of gravel sorting, crushing, washing, grading.



Sand Transportation Ship			
		CHUANYI-T100	CHUANYI-T300
Hull size(LXBXH)		24.3*5.0*2.2m	36.0*8.5*3.0m
Draught		1.6m	2.4m
Displacement		155T	520T
Capacity		100T	300T
Main engine brand		Selected by customers	
Main engine model		WP6C156-21	WP6C156-21
Main engine power		115kw	115kw
Main engine quantity		1	2
Main engine RPM		1500r/min	1500r/min
Gear box model		135	135
Gear box quantity		1 pc	2 pcs
Speed		12kn/h	12kn/h
Propulsion power		110kw	220kw
Conveyor power x QTY.		11kwx2	15kwx2
Generator power		33kw	55kw

Split Hopper Barge

*General Description:

*Split hopper barge is a versatile dredger designed for high efficiency in river, lake, and sea dredging. It features a portable hull structure, customizable options. Split hopper barge refers to vessel with no enclosed structure on the upper part of the hull, only an upper structure, and no enclosed deck.

Split hopper barge is suitable for various types and purposes of goods, and can be used to transport large objects, building materials, equipment, containers, and other goods. Suitable for applications like sediment clean up, coastal reclamation, and slurry transport, it ensures reliable performance with spare parts availability and thorough pre-delivery testing.



Model		CHUANYI-SHB750	CHUANYI-SHB1200	CHUANYI-SHB2000
Overall Length		56.0m	72.0m	104.0m
Hull length		53.6m	68.0m	78.0m
Moulded width		11.0m	12.9m	14.00m
Moulded height		4.1m	5.50m	6.50m
Total height		7.9m	9.90m	11.80m
Load draught		3.5m	4.1m	5.40m
Propulsion engine		634kW	895kW	1193kW
Main engine brand		International famous brand	International famous brand	International famous brand
Hydraulic propeller		2 sets	2 sets	2 sets
Capacity		750m3	1200m3	2000m3
Generator		50kW*1	80kW*1	80kW*1
Speed		12-15 knots	12-15 knots	12-15 knots

Offshore Mineral Processing Platform

General Description:

Offshore Mineral Processing Platform has strong ability to adapt to the working environment, according to the needs of aquatic engineering can be composed of different standards of split type, combined type platform (self-propelled and non-self-propelled). It is applied to mineral processing, dredging dressing, dredging and transportation at sea to maximize the working efficiency. Depending on the requirements of the water working environment, relevant supporting equipment can be added, such as bollard bits, anti-collision ball, guardrail, landing side bridge, etc. The offshore ore dressing platform has perfect structure, simplified working procedure, environmental protection and no pollution.

Main Function:

Offshore Mineral Processing Platform belongs to the large-scale preparation equipment, and its functions are also diversified. The offshore dressing platform can carry out many functions, such as iron separation, mining, sand extraction, dredging transportation and so on.



Offshore Mineral Processing Platform		
Floating Body Length		56.0m
Floating Body Width		50.0m
Floating Body Height		4.0m
Total Height		19.0m
Driving Power		500HP*2
Side Driving Power		280HP*2
Automatic Conveyor System		Total 80KW
Screening and Dredging System		Total 3800KW
Draught		3.0m

*All products could be designed according to customer's requirements!



Fully automatic river clean machinery

General Description:

The vessel with single plate and single deck. The whole skeleton of the vessel is welded. It is driven by double paddle wheels.

2: The vessel can save in priority the water hyacinth and the water lettuce. It can collect, save, reduce volume and break the water hyacinth

The vessel has two cabins. The cabin in front is the collecting chamber, and the cabin after is the storehouse and conveying. The cabin in front and after. Adopt stainless steel mesh belt of Great Wall, which conveys fluently and ensure to work smoothly. When we unload the water hyacinth from the back end of the vessel, they will be transported to the specified dock or the garbage truck.

The vessel is fully hydraulic automatic machinery, just one person in the cab can achieve the automatic control operation of the vessel.

Advantage:

Green and Environmental Protection. Best price Low cost. Energy-efficient

Outstanding durability, reliable performance Easy Transportation Long service life and warranty

High Quality Easy Maintenance

Fully automatic river cleaning machinery				
Item		CHUANYI-C10GC	CHUANYI-C20GC	CHUANYI-C30GC
Hull dimension	Hull length	7.2m	8.8m	9.6m
	LOA	12.5m	14.6m	17.5m
	Hull width	3.0m	3.2m	3.4m
	Overall width	4.0m	4.5m	4.8m
	Hull height		1.1m	1.16m
	Draught	1.1m	0.6-0.75m	0.6-0.75m
	Overall height	0.55-0.75m	2.9m	4.5m
Work capacity	Cutting width	3.1m	3.5m	3.8m
	Cutting depth	1.2m	1.2m	1.5m
	Stochs capacity	7.5m ³	15m ³	22m ³
	Max speed	6km/h	7km/h	8km/h
	Work speed	3.5km/h	3.5km/h	3.5km/h
	Power	60kw	75kw	90kw
	Endurance ability	24h	24h	24h
	type of drive 驱动方式		Paddle wheel or propeller 明轮或螺旋桨	
Passenger	1-2	1-2	1-2	

All products can be designed according to customer requirements.



Sand Pumping Dredger

General:

Use high pressure water pump rush sand, transportation sand-water mixture to designated spot with sand pump, suction head and pipe. It can use cooperatively with self-suction-unload ship and plat transportation ship.

Advantage:

Cost-Effective
Easy operation

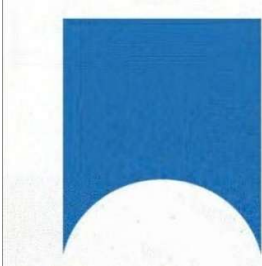
Easy Maintenance
convenient transportation

Small Pumping Dredger

	CHUANYI-CDD100XY	CHUANYI-CDD150XY	CHUANYI-CDD200XY
Pump	4inch	6inch	8inch
Hull size	3.5*1.8*0.7m	4.2*2*0.8m	6*3*1m
Main engine	Weichai	Weichai	Weichai
Water flow	120m/h	200m/h	300m/h
Sand capacity	30m/h	50m/h	80m/h
Total power	32kw	56kw	115kw
Suction pipe. Dia	108mm	159mm	219mm
Discharge pipe. Dia	108mm	159mm	219mm
Suction depth	6m	8m	10m
Discharge distance	30m	50m	50m
draught	0.4m	0.4m	0.5m
High pressure water pump	3寸	4寸	6寸
Total fuel consumption	5L/h	10L/h	21L/h

Sand Pumping Dredger		
	CHUANYI-CDD250XY	CHUANYI-CDD300XY
Pump	10inch	12inch
Hull size	8*3.5*1.2m	10*4*1.3m
Main engine	Weichai	Weichai
Water flow	450m/h	600m/h
Sand capacity	120m/h	180m/h
Total power	210kw	300kw
Suction pipe. Dia	273mm	325mm
Discharge pipe. Dia	273mm	325mm
Suction depth	12m	12m
Discharge distance	50m	50m
draught	0.6m	0.8m
High pressure water pump	6寸	8寸
Total fuel consumption	36L/h	52L/h

All products can be designed according to customer requirements.



QUALITY AND INNOVATION IS OUR SPECIALITY



2000HP Tug Boat

2000HP

General Description:

Our tug boats are mainly used for pushing, towing, assisting all kinds of large vessels to enter and leave the port, berthing and leaving the dock, turning around etc. in the near navigation area (non ice area) and port waters, as well as to mobilize the berths, repairing ships in and out of dock, assisting trial sailing, and the stability meets the requirements in the near sea navigation area. Our tug boats are characterized by strong structure, good stability, high main engine power, large traction and good manoeuvrability.

Advantage:

Reliable and efficient quality

The key equipment like engine is adopted the famous international brand.

The whole ship is fully tested and qualified before delivery.

After sales service-key equipment has after-sales service office all over the world, engineers provide 24-hour technical support, the first year service is free, the replacement parts are free, and then the low cost price replacement and service are provided.

During the transportation, engineers will follow all the way.

2000HP Tug Boat technical specification

Total length (excluding fender)	41.3m
Total length (including fender)	42.5m
Length between perpendiculars	36.2m
Breadth	10m
Depth	3.8m
Draught	3.4m
Main engine brand	Yuchai
Main engine power	1470KW*2
Beam arch	0.2m
Frame spacing	0.6m
Free speed	12Kn
Towing speed	6Kn
Max. bollard towing force being towed forward	45 tons
Max. bollard towing force being towed backward	33 tons

*All products can be designed according to customer requirements."



3000HP Tugboat

3000HP

General Description:

Our tug boats are mainly used for pushing, towing, assisting all kinds of large vessels to enter and leave the port, berthing and leaving the dock, turning around etc. in the near navigation area (non ice area) and port waters, as well as to mobilize the berths, repairing ships in and out of dock, assisting trial sailing, and the stability meets the requirements in the near sea navigation area. Our tugboats are characterized by strong structure, good stability, high main engine power, large traction and good manoeuvrability.

Advantage:

Reliable and efficient quality

The key equipment like engine is adopted the famous international brand.

The whole ship is fully tested and qualified before delivery.

After sales service-key equipment has after-sales service office all over the world, engineers provide 24-hour technical support, the first-

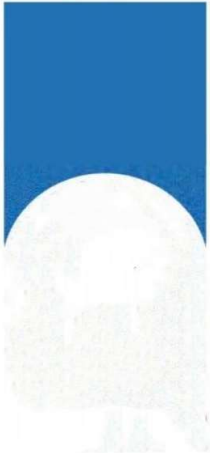
year service is free, the replacement parts are free, and then the low cost price replacement and service are provided.

During the transportation, engineers will follow all the way.

3000HP Tug Boat technical specification

Total length (excluding fender)	36.6m
Total length (including fender)	38.65m
Length between perpendiculars	32.6m
Breadth	10.6m
Depth	5m
Draught	4m
Main engine brand	Yuchai
Main engine power	2206KW * 2
Beam arch	0.2m
Frame spacing	0.6m
Free speed	13Kn
Towing speed	7Kn
Max. bollard towing force being towed forward	75 tons
Max. bollard towing force being towed backward	70 tons

All products can be designed according to customer requirements.



3400HP Tugboat

3400HP

General Description:

Our tug boats are mainly used for pushing, towing, assisting all kinds of large vessels to enter and leave the port, berthing and leaving the dock, turning around etc. in the near navigation area (non ice area) and port waters, as well as to mobilize the berths, repairing ships in and out of dock, assisting trial sailing, and the stability meets the requirements in the near sea navigation area. Our tugboats are characterized by strong structure, good stability, high main engine power, large traction and good manoeuvrability.

Advantage:

Reliable and efficient quality

The key equipment like engine is adopted the famous international brand.

The whole ship is fully tested and qualified before delivery.

After sales service-key equipment has after-sales service office all over the world, engineers provide 24-hour technical support, the first-year service is free, the replacement parts are free, and then the low cost price replacement and service are provided.

During the transportation, engineers will follow all the way.

3400HP Tug Boat technical specification

Total length (excluding fender)	37.6m
Total length (including fender)	40.47m
Length between perpendiculars	33.1m
Breadth	11m
Depth	5.3m
Draught	4.2m
Main engine brand	Yuchai
Main engine power	2500KW *2
Beam arch	0.2m
Frame spacing	0.6m
Free speed	13Kn
Towing speed	7Kn
Max. bollard towing force being towed forward	80 tons
Max. bollard towing force being towed backward	75 tons

*All products can be designed according to customer requirements.