



# DREDGING EQUIPMENT

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## IT200 Cutter Suction Dredger 绞吸式挖泥船

### ◆ 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, desilting, reclamation for channels and land, port construction, etc.

### ◆ 概述 :

- ◆ 我们生产的挖泥船是自航或非自航式的，移动式绞吸挖泥船，船体采用可拆卸式和箱体结构，配备横移绞车，绞刀架提升装置，定位桩，甲板吊等等，广泛适用于挖沙、河道清淤、航道维护和拓宽、疏浚、吹填造地、港口建设等。

### ◆ Advantage :

- ◆ Reliable and Efficient

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

- ◆ Tested in pool before delivery

Quality testing for each dredger before delivery to ensure all function working 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

### ◆ 优势 :

- ◆ 可靠高效-关键设备国际品牌
- ◆ 出厂前测试池测试
- ◆ 售后服务-工程师现场安装培训。全天候技术支持，第一年免费更换零件，随后成本价更换并提供服务。
- ◆ 可拆卸便于运输



IT200 (8 inch 800m³/h)

Dredger LOA	总长	17.0m
Hull size(L×B×H)	船体尺寸	13.0×5.2×1.5m
Main pontoon(L×B×H)	主浮体尺寸	8.3×2.2×1.5m
Side pontoon (L×B×H)	边浮体尺寸	11.0×1.5×1.5m
Structure	结构	box-structure
Main engine brand & power	主机品牌/总功率	Cummins/224kw
Auxiliary engine brand& power	辅机品牌/功率	—
Harbour generator	停泊发电机	Cummins/20kw
Total power	整船功率	244kw
Dredging pump	挖泥泵	Warman Technology
Discharge pipe inner Dia.	排管内直径	200mm
Head	扬程	30m
Max. dredging depth	最大挖深	8m
Water flow	清水流量	800m³/h
Solid sand capacity	泥沙产量	160m³/h
Discharge distance	排距	800m
Cutter head Dia.	绞刀头直径	1300mm
Cutter power	绞刀功率	30kw
Draught	吃水	1.1m
Displacement	排水量	65T
Hydraulic control system	液压控制系统	PLC Siemens
Wire rope pulling force (Lifting winch )*Quantity	钢丝绳拉力（提升绞车）&数量	40KN *1
Wire rope pulling force (Traversing winch )*Quantity	钢丝绳拉力（横移绞车）&数量	40KN *2
Operation room	操作室	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights
Total weight	总重	50T
Total fuel oil consumption	总油耗	34L/H



## IT250 Cutter Suction Dredger 绞吸式挖泥船

### ◆ 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, desilting, reclamation for channels and land, port construction, etc.

### ◆ 概述 :

- ◆ 我们生产的挖泥船是自航或非自航式的，移动式绞吸挖泥船，船体采用可拆卸式和箱体结构，配备横移绞车，绞刀架提升装置，定位桩，甲板吊等等，广泛适用于挖沙、河道清淤、航道维护和拓宽、疏浚、吹填造地、港口建设等。

### ◆ Advantage :

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- ◆ 可拆卸便于运输



### IT250 (10 inch 1000m³/h)

Dredger LOA	总长	23.0m
Hull size(L×B×H)	船体尺寸	16.0×6.2×2.0m
Main pontoon(L×B×H)	主浮体尺寸	11.6×2.2×2.0m
Side pontoon (L×B×H)	边浮体尺寸	14.0×2.0×2.0m
Structure	结构	box-structure
Main engine brand & power	主机品牌/总功率	Cummins/298kw
Auxiliary engine brand& power	辅机品牌/功率	—
Harbour generator	停泊发电机	Cummins/20kw
Total power	整船功率	318kw
Dredging pump	挖泥泵	Warman Technology
Discharge pipe inner Dia.	排管内直径	250mm
Head	扬程	30m
Max. dredging depth	最大挖深	9m
Water flow	清水流量	1000m³/h
Solid sand capacity	泥沙产量	200m³/h
Discharge distance	排距	1000m
Cutter head Dia.	绞刀头直径	1300mm
Cutter power	绞刀功率	50kw
Draught	吃水	1.2m
Displacement	排水量	98T
Hydraulic control system	液压控制系统	PLC Siemens
Wire rope pulling force (Lifting winch )*Quantity	钢丝绳拉力（提升绞车）&数量	40KN *1
Wire rope pulling force (Traversing winch )*Quantity	钢丝绳拉力（横移绞车）&数量	40KN *2
Operation room	操作室	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights
Total weight	总重	60T
Total fuel oil consumption	总油耗	45L/H



## IT300 Cutter Suction Dredger 绞吸式挖泥船

### ◆ 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, desilting, reclamation for channels and land, port construction, etc.

### ◆ 概述 :

- ◆ 我们生产的挖泥船是自航或非自航式的，移动式绞吸挖泥船，船体采用可拆卸式和箱体结构，配备横移绞车，绞刀架提升装置，定位桩，甲板吊等等，广泛适用于挖沙、河道清淤、航道维护和拓宽、疏浚、吹填造地、港口建设等。

### ◆ Advantage :

- ◆ Reliable and Efficient

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

- ◆ Tested in pool before delivery

Quality testing for each dredger before delivery to ensure all function working 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

### ◆ 优势 :

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- ◆ 可拆卸便于运输



### IT300 (12 inch 1500m³/h)

Dredger LOA	总长	25.0m
Hull size(L×B×H)	船体尺寸	19.0×6.2×2.0m
Main pontoon(L×B×H)	主浮体尺寸	11.6×2.2×2.0m
Side pontoon (L×B×H)	边浮体尺寸	16.0×2.0×2.0m
Structure	结构	box-structure
Main engine brand & power	主机品牌/总功率	Cummins/522kw
Auxiliary engine brand& power	辅机品牌/功率	—
Harbour generator	停泊发电机	Cummins/20kw
Total power	整船功率	542kw
Dredging pump	挖泥泵	Warman Technology
Discharge pipe inner Dia.	排管内直径	300mm
Head	扬程	40m
Max. dredging depth	最大挖深	10m
Water flow	清水流量	1500m³/h
Solid sand capacity	泥沙产量	300m³/h
Discharge distance	排距	1200m
Cutter head Dia.	绞刀头直径	1350mm
Cutter power	绞刀功率	60kw
Draught	吃水	1.3m
Displacement	排水量	116T
Hydraulic control system	液压控制系统	PLC Siemens
Wire rope pulling force (Lifting winch )*Quantity	钢丝绳拉力（提升绞车）&数量	50KN *1
Wire rope pulling force (Traversing winch )*Quantity	钢丝绳拉力（横移绞车）&数量	50KN *2
Operation room	操作室	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights
Total weight	总重	70T
Total fuel oil consumption	总油耗	78L/H



## IT350 Cutter Suction Dredger 绞吸式挖泥船

### ◆ 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, desilting, reclamation for channels and land, port construction, etc.

### ◆ 概述 :

- ◆ 我们生产的挖泥船是自航或非自航式的，移动式绞吸挖泥船，船体采用可拆卸式和箱体结构，配备横移绞车，绞刀架提升装置，定位桩，甲板吊等等，广泛适用于挖沙、河道清淤、航道维护和拓宽、疏浚、吹填造地、港口建设等。

### ◆ Advantage :

- ◆ Reliable and Efficient

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- ◆ Tested in pool before delivery

Quality testing for each dredger before delivery to ensure all function working 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

### ◆ 优势 :

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- ◆ 可拆卸便于运输



### IT350 (14 inch 2000m³/h)

Dredger LOA	总长	27.0m
Hull size(L×B×H)	船体尺寸	19.0×7.5×2.0m
Main pontoon(L×B×H)	主浮体尺寸	13.8×3.5×2.0m
Side pontoon (L×B×H)	边浮体尺寸	19.0×2.0×2.0m
Structure	结构	box-structure
Main engine brand & power	主机品牌/总功率	Cummins/477kw
Auxiliary engine brand& power	辅机品牌/功率	Cummins/224kw
Harbour generator	停泊发电机	Cummins/30kw
Total power	整船功率	731kw
Dredging pump	挖泥泵	Warman Technology
Discharge pipe inner Dia.	排管内直径	350mm
Head	扬程	45m
Max. dredging depth	最大挖深	11m
Water flow	清水流量	2000m³/h
Solid sand capacity	泥沙产量	400m³/h
Discharge distance	排距	1500m
Cutter head Dia.	绞刀头直径	1450mm
Cutter power	绞刀功率	70kw
Draught	吃水	1.4m
Displacement	排水量	174T
Hydraulic control system	液压控制系统	PLC Siemens
Wire rope pulling force (Lifting winch )*Quantity	钢丝绳拉力（提升绞车）&数量	80KN *1
Wire rope pulling force (Traversing winch )*Quantity	钢丝绳拉力（横移绞车）&数量	80KN *2
Operation room	操作室	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights
Total weight	总重	90T
Total fuel oil consumption	总油耗	105L/H



## IT400 Cutter Suction Dredger 绞吸式挖泥船

### ◆ 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, desilting, reclamation for channels and land, port construction, etc.

### ◆ 概述 :

- ◆ 我们生产的挖泥船是自航或非自航式的，移动式绞吸挖泥船，船体采用可拆卸式和箱体结构，配备横移绞车，绞刀架提升装置，定位桩，甲板吊等等，广泛适用于挖沙、河道清淤、航道维护和拓宽、疏浚、吹填造地、港口建设等。

### ◆ Advantage :

- ◆ Reliable and Efficient

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- ◆ Tested in pool before delivery

Quality testing for each dredger before delivery to ensure all function working 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

### ◆ 优势 :

- ◆ 可靠高效-关键设备国际品牌
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- ◆ 可拆卸便于运输



### IT400 (16 inch 2500m³/h)

Dredger LOA	总长	29.0m
Hull size(L×B×H)	船体尺寸	19.0×7.5×2.0m
Main pontoon(L×B×H)	主浮体尺寸	13.8×3.5×2.0m
Side pontoon (L×B×H)	边浮体尺寸	19.0×2.0×2.0m
Structure	结构	box-structure
Main engine brand & power	主机品牌/总功率	Cummins/522kw
Auxiliary engine brand& power	辅机品牌/功率	Cummins/224kw
Harbour generator	停泊发电机	Cummins/30kw
Total power	整船功率	776kw
Dredging pump	挖泥泵	Warman Technology
Discharge pipe inner Dia.	排管内直径	400mm
Head	扬程	45m
Max. dredging depth	最大挖深	13m
Water flow	清水流量	2500m³/h
Solid sand capacity	泥沙产量	500m³/h
Discharge distance	排距	1500m
Cutter head Dia.	绞刀头直径	1450mm
Cutter power	绞刀功率	70kw
Draught	吃水	1.4m
Displacement	排水量	180T
Hydraulic control system	液压控制系统	PLC Siemens
Wire rope pulling force (Lifting winch )*Quantity 钢丝绳拉力（提升绞车）&数量		80KN *1
Wire rope pulling force (Traversing winch )*Quantity 钢丝绳拉力（横移绞车）&数量		80KN *2
Operation room 操作室		Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights
Total weight	总重	110T
Total fuel oil consumption	总油耗	112L/H



## IT450 Cutter Suction Dredger 绞吸式挖泥船

### ◆ 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, desilting, reclamation for channels and land, port construction, etc.

### ◆ 概述 :

- ◆ 我们生产的挖泥船是自航或非自航式的，移动式绞吸挖泥船，船体采用可拆卸式和箱体结构，配备横移绞车，绞刀架提升装置，定位桩，甲板吊等等，广泛适用于挖沙、河道清淤、航道维护和拓宽、疏浚、吹填造地、港口建设等。

### ◆ Advantage :

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Quality testing for each dredger before delivery to ensure all function working properly.

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- ◆ Dismantled and easy transport

### ◆ 优势 :

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- ◆ 可拆卸便于运输



### IT450 (18 inch 3000m³/h)

Dredger LOA	总长	31.0m
Hull size(L×B×H)	船体尺寸	23.0×7.5×2.5m
Main pontoon(L×B×H)	主浮体尺寸	13.8×3.5×2.5m
Side pontoon (L×B×H)	边浮体尺寸	22.0×2.0×2.5m
Structure	结构	box-structure
Main engine brand & power	主机品牌/总功率	Cummins/597kw
Auxiliary engine brand& power	辅机品牌/功率	Cummins/224kw
Harbour generator	停泊发电机	Cummins/30kw
Total power	整船功率	851kw
Dredging pump	挖泥泵	Warman Technology
Discharge pipe inner Dia.	排管内直径	450mm
Head	扬程	48m
Max. dredging depth	最大挖深	14m
Water flow	清水流量	3000m³/h
Solid sand capacity	泥沙产量	600m³/h
Discharge distance	排距	1500m
Cutter head Dia.	绞刀头直径	1500mm
Cutter power	绞刀功率	80kw
Draught	吃水	1.7m
Displacement	排水量	224T
Hydraulic control system	液压控制系统	PLC Siemens
Wire rope pulling force (Lifting winch )*Quantity	钢丝绳拉力（提升绞车）&数量	80KN *1
Wire rope pulling force (Traversing winch )*Quantity	钢丝绳拉力（横移绞车）&数量	80KN *2
Operation room	操作室	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights
Total weight	总重	130T
Total fuel oil consumption	总油耗	123L/H



## IT500 Cutter Suction Dredger 绞吸式挖泥船

### ◆ 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, desilting, reclamation for channels and land, port construction, etc.

### ◆ 概述 :

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- ◆ Dismantled and easy transport

### ◆ 优势 :

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- ◆ 可拆卸便于运输



### IT500 (20 inch 4000m³/h)

Dredger LOA	总长	36.0m
Hull size(L×B×H)	船体尺寸	27.0×8.5×2.5m
Main pontoon(L×B×H)	主浮体尺寸	15.4×3.5×2.5m
Side pontoon (L×B×H)	边浮体尺寸	24.0×2.5×2.5m
Structure	结构	box-structure
Main engine brand & power	主机品牌/总功率	Cummins/895kw
Auxiliary engine brand& power	辅机品牌/功率	Cummins/298kw
Harbour generator	停泊发电机	Cummins/40kw
Total power	整船功率	1233kw
Dredging pump	挖泥泵	Warman Technology
Discharge pipe inner Dia.	排管内直径	500mm
Head	扬程	54m
Max. dredging depth	最大挖深	15m
Water flow	清水流量	4000m³/h
Solid sand capacity	泥沙产量	800m³/h
Discharge distance	排距	2000m
Cutter head Dia.	绞刀头直径	1700mm
Cutter power	绞刀功率	130kw
Draught	吃水	1.7m
Displacement	排水量	296T
Hydraulic control system	液压控制系统	PLC Siemens
Wire rope pulling force (Lifting winch )*Quantity	钢丝绳拉力（提升绞车）&数量	80KN *1
Wire rope pulling force (Traversing winch )*Quantity	钢丝绳拉力（横移绞车）&数量	80KN *2
Operation room	操作室	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights
Total weight	总重	180T
Total fuel oil consumption	总油耗	179L/H



## IT550 Cutter Suction Dredger 绞吸式挖泥船

### ◆ 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, desilting, reclamation for channels and land, port construction, etc.

### ◆ 概述 :

- ◆ 我们生产的挖泥船是自航或非自航式的，移动式绞吸挖泥船，船体采用可拆卸式和箱体结构，配备横移绞车，绞刀架提升装置，定位桩，甲板吊等等，广泛适用于挖沙、河道清淤、航道维护和拓宽、疏浚、吹填造地、港口建设等。

### ◆ Advantage :

- ◆ Reliable and Efficient

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

- ◆ Tested in pool before delivery

Quality testing for each dredger before delivery to ensure all function working 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

### ◆ 优势 :

- ◆ 可靠高效-关键设备国际品牌
- ◆ 出厂前测试池测试
- ◆ 售后服务-工程师现场安装培训。全天候技术支持，第一年免费更换零件，随后成本价更换并提供服务。
- ◆ 可拆卸便于运输



### IT550 (22 inch 4500m³/h)

Dredger LOA	总长	38.0m
Hull size(L×B×H)	船体尺寸	27.0×8.5×2.5m
Main pontoon(L×B×H)	主浮体尺寸	15.4×3.5×2.5m
Side pontoon (L×B×H)	边浮体尺寸	24.0×2.5×2.5m
Structure	结构	box-structure
Main engine brand & power	主机品牌/总功率	Cummins/1193kw
Auxiliary engine brand& power	辅机品牌/功率	Cummins/298kw
Harbour generator	停泊发电机	Cummins/40kw
Total power	整船功率	1531kw
Dredging pump	挖泥泵	Warman Technology
Discharge pipe inner Dia.	排管内直径	550mm
Head	扬程	57m
Max. dredging depth	最大挖深	16m
Water flow	清水流量	4500m³/h
Solid sand capacity	泥沙产量	900m³/h
Discharge distance	排距	2000m
Cutter head Dia.	绞刀头直径	1700mm
Cutter power	绞刀功率	170kw
Draught	吃水	1.7m
Displacement	排水量	302T
Hydraulic control system	液压控制系统	PLC Siemens
Wire rope pulling force (Lifting winch )*Quantity 钢丝绳拉力（提升绞车）&数量		80KN *1
Wire rope pulling force (Traversing winch )*Quantity 钢丝绳拉力（横移绞车）&数量		80KN *2
Operation room 操作室		Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights
Total weight	总重	210T
Total fuel oil consumption	总油耗	229L/H



## IT600 Cutter Suction Dredger 绞吸式挖泥船

### ◆ 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, desilting, reclamation for channels and land, port construction, etc.

### ◆ 概述 :

- ◆ 我们生产的挖泥船是自航或非自航式的，移动式绞吸挖泥船，船体采用可拆卸式和箱体结构，配备横移绞车，绞刀架提升装置，定位桩，甲板吊等等，广泛适用于挖沙、河道清淤、航道维护和拓宽、疏浚、吹填造地、港口建设等。

### ◆ Advantage :

- ◆ Reliable and Efficient

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

- ◆ Tested in pool before delivery

Quality testing for each dredger before delivery to ensure all function working 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

### ◆ 优势 :

- ◆ 可靠高效-关键设备国际品牌
- ◆ 出厂前测试池测试
- ◆ 售后服务-工程师现场安装培训。全天候技术支持，第一年免费更换零件，随后成本价更换并提供服务。
- ◆ 可拆卸便于运输



IT600 (24 inch 5500m³/h)

Dredger LOA	总长	41.0m
Hull size(L×B×H)	船体尺寸	31.0×9.3×3.2m
Main pontoon(L×B×H)	主浮体尺寸	18.2×3.7×3.2m
Side pontoon (L×B×H)	边浮体尺寸	28.0×2.8×3.2m
Structure	结构	box-structure
Main engine brand & power	主机品牌/总功率	Cummins/1641kw
Auxiliary engine brand& power	辅机品牌/功率	Cummins/447kw
Harbour generator	停泊发电机	Cummins/50kw
Total power	整船功率	2138kw
Dredging pump	挖泥泵	Warman Technology
Discharge pipe inner Dia.	排管内直径	600mm
Head	扬程	63m
Max. dredging depth	最大挖深	16m
Water flow	清水流量	5500m³/h
Solid sand capacity	泥沙产量	1100m³/h
Discharge distance	排距	2000m
Cutter head Dia.	绞刀头直径	2050mm
Cutter power	绞刀功率	300kw
Draught	吃水	1.7m
Displacement	排水量	385T
Hydraulic control system	液压控制系统	PLC Siemens
Wire rope pulling force (Lifting winch )*Quantity	钢丝绳拉力（提升绞车）&数量	160KN *1
Wire rope pulling force (Traversing winch )*Quantity	钢丝绳拉力（横移绞车）&数量	100KN *2
Operation room	操作室	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights
Total weight	总重	245T
Total fuel oil consumption	总油耗	313L/H



## IT650 Cutter Suction Dredger 绞吸式挖泥船

### ◆ 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, desilting, reclamation for channels and land, port construction, etc.

### ◆ 概述 :

- ◆ 我们生产的挖泥船是自航或非自航式的，移动式绞吸挖泥船，船体采用可拆卸式和箱体结构，配备横移绞车，绞刀架提升装置，定位桩，甲板吊等等，广泛适用于挖沙、河道清淤、航道维护和拓宽、疏浚、吹填造地、港口建设等。

### ◆ Advantage :

- ◆ Reliable and Efficient

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

- ◆ Tested in pool before delivery

Quality testing for each dredger before delivery to ensure all function working 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

### ◆ 优势 :

- ◆ 可靠高效-关键设备国际品牌
- ◆ 出厂前测试池测试
- ◆ 售后服务-工程师现场安装培训。全天候技术支持，第一年免费更换零件，随后成本价更换并提供服务。
- ◆ 可拆卸便于运输



### IT650 (26 inch 6000m³/h)

Dredger LOA	总长	43.0m
Hull size(L×B×H)	船体尺寸	38.0×9.8×3.6m
Main pontoon(L×B×H)	主浮体尺寸	18.2×3.8×3.6m
Side pontoon (L×B×H)	边浮体尺寸	29.0×3.0×3.6m
Structure	结构	box-structure
Main engine brand & power	主机品牌/总功率	Weichai-MAN/1720kw
Auxiliary engine brand& power	辅机品牌/功率	Weichai/456kw
Harbour generator	停泊发电机	Weichai/75kw
Total power	整船功率	2251kw
Dredging pump	挖泥泵	Warman Technology
Discharge pipe inner Dia.	排管内直径	650mm
Head	扬程	63m
Max. dredging depth	最大挖深	16m
Water flow	清水流量	6000m³/h
Solid sand capacity	泥沙产量	1200m³/h
Discharge distance	排距	2000m
Cutter head Dia.	绞刀头直径	2100mm
Cutter power	绞刀功率	350kw
Draught	吃水	2.0m
Displacement	排水量	725T
Hydraulic control system	液压控制系统	PLC Siemens
Wire rope pulling force (Lifting winch )*Quantity	钢丝绳拉力（提升绞车）&数量	180KN *1
Wire rope pulling force (Traversing winch )*Quantity	钢丝绳拉力（横移绞车）&数量	120KN *2
Operation room	操作室	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights
Total weight	总重	280T
Total fuel oil consumption	总油耗	326L/H



## IT700 Cutter Suction Dredger 绞吸式挖泥船

### ◆ 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, desilting, reclamation for channels and land, port construction, etc.

### ◆ 概述 :

- ◆ 我们生产的挖泥船是自航或非自航式的，移动式绞吸挖泥船，船体采用可拆卸式和箱体结构，配备横移绞车，绞刀架提升装置，定位桩，甲板吊等等，广泛适用于挖沙、河道清淤、航道维护和拓宽、疏浚、吹填造地、港口建设等。

### ◆ Advantage :

- ◆ Reliable and Efficient

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

- ◆ Tested in pool before delivery

Quality testing for each dredger before delivery to ensure all function working 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

### ◆ 优势 :

- ◆ 可靠高效-关键设备国际品牌
- ◆ 出厂前测试池测试
- ◆ 售后服务-工程师现场安装培训。全天候技术支持，第一年免费更换零件，随后成本价更换并提供服务。
- ◆ 可拆卸便于运输



### IT700 (28 inch 7000m³/h)

Dredger LOA	总长	45.0m
Hull size(L×B×H)	船体尺寸	38.0×9.8×3.6m
Main pontoon(L×B×H)	主浮体尺寸	18.2×3.8×3.6m
Side pontoon (L×B×H)	边浮体尺寸	29.0×3.0×3.6m
Structure	结构	box-structure
Main engine brand & power	主机品牌/总功率	Weichai-MAN/2190kw
Auxiliary engine brand& power	辅机品牌/功率	Weichai/662kw
Harbour generator	停泊发电机	Weichai/75kw
Total power	整船功率	2927kw
Dredging pump	挖泥泵	Warman Technology
Discharge pipe inner Dia.	排管内直径	700mm
Head	扬程	64m
Max. dredging depth	最大挖深	17m
Water flow	清水流量	7000m³/h
Solid sand capacity	泥沙产量	1400m³/h
Discharge distance	排距	2200m
Cutter head Dia.	绞刀头直径	2200mm
Cutter power	绞刀功率	500kw
Draught	吃水	2.0m
Displacement	排水量	780T
Hydraulic control system	液压控制系统	PLC Siemens
Wire rope pulling force (Lifting winch )*Quantity	钢丝绳拉力（提升绞车）&数量	200KN *1
Wire rope pulling force (Traversing winch )*Quantity	钢丝绳拉力（横移绞车）&数量	160KN *2
Operation room	操作室	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights
Total weight	总重	320T
Total fuel oil consumption	总油耗	428L/H



## IT800 Cutter Suction Dredger 绞吸式挖泥船

### ◆ 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, desilting, reclamation for channels and land, port construction, etc.

### ◆ 概述 :

- ◆ 我们生产的挖泥船是自航或非自航式的，移动式绞吸挖泥船，船体采用可拆卸式和箱体结构，配备横移绞车，绞刀架提升装置，定位桩，甲板吊等等，广泛适用于挖沙、河道清淤、航道维护和拓宽、疏浚、吹填造地、港口建设等。

### ◆ Advantage :

- ◆ Reliable and Efficient

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

- ◆ Tested in pool before delivery

Quality testing for each dredger before delivery to ensure all function working 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

### ◆ 优势 :

- ◆ 可靠高效-关键设备国际品牌
- ◆ 出厂前测试池测试
- ◆ 售后服务-工程师现场安装培训。全天候技术支持，第一年免费更换零件，随后成本价更换并提供服务。
- ◆ 可拆卸便于运输



### IT800 (32 inch 7500m³/h)

Dredger LOA	总长	50.0m
Hull size(L×B×H)	船体尺寸	46.0×12.1×3.8m
Main pontoon(L×B×H)	主浮体尺寸	26.0×4.5×3.8m
Side pontoon (L×B×H)	边浮体尺寸	40.0×3.8×3.8m
Structure	结构	box-structure
Main engine brand & power	主机品牌/总功率	Weichai-MAN/2720kw
Auxiliary engine brand& power	辅机品牌/功率	Weichai/736kw
Harbour generator	停泊发电机	Weichai/103kw
Total power	整船功率	3559kw
Dredging pump	挖泥泵	Warman Technology
Discharge pipe inner Dia.	排管内直径	800mm
Head	扬程	66m
Max. dredging depth	最大挖深	17m
Water flow	清水流量	7500m³/h
Solid sand capacity	泥沙产量	1500m³/h
Discharge distance	排距	2500m
Cutter head Dia.	绞刀头直径	2350mm
Cutter power	绞刀功率	500kw
Draught	吃水	2.7m
Displacement	排水量	1100T
Hydraulic control system	液压控制系统	PLC Siemens
Wire rope pulling force (Lifting winch )*Quantity	钢丝绳拉力（提升绞车）&数量	280KN *1
Wire rope pulling force (Traversing winch )*Quantity	钢丝绳拉力（横移绞车）&数量	200KN *2
Operation room	操作室	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights
Total weight	总重	510T
Total fuel oil consumption	总油耗	518L/H



## Cutter Suction Dredger--Dual Pump 双泵绞吸式挖泥船

### ◆ 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 of them 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.

### ◆ 概述 :

- ◆ 除了标准的绞吸式挖泥船，我们也生产客户定制的绞吸式挖泥船，它最显著的特点是带有两个相同型号的挖泥泵，第一个泵安装在绞刀架上，第二个泵安装在主浮体上，通过变速箱和柴油机连接，泥水混合物通过吸管进入第一个泵，然后通过主管道进入第二个泵，最后通过第二个泵排出到漂浮管道。

### ◆ Advantage :

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

### ◆ 优势 :

- ◆ 加大挖深，增加产量，提高产能，带给客户更大效益。



### Cutter Suction Dredger--Dual Pump

Item		IT300D	IT400D	IT500D
Dredger LOA	总长	2626.0m	42.0m	43.0m
Hull size (L×B×H)	船体尺寸	19.0×7.0×2.0m	36.0×7.5×2.5m	38.0×9.1×2.5m
Main pontoon (L×B×H)	主浮体尺寸	11.6×3.0×2.0m	13.8×3.5×2.5m	15.4×3.5×2.5m
Side pontoon (L×B×H)	边浮体尺寸	16.0×2.0×2.0m	34.0×2.0×2.5m	36.0×2.8×2.5m
Structure	结构	Can be dismantled and re-assembled easily, box structure, lower delivery cost		
Main engine brand/power	主机品牌/功率	Cummins/634kw	Cummins/634kw	Cummins/895kw
Auxiliary engine brand/power	辅机品牌/功率	——	Cummins/224kw	Cummins/447kw
Harbour generator	停泊发电机组	Cummins/20kw	Cummins/30kw	Cummins/40kw
Total power	整船功率	654kw	888kw	1382kw
Diameter discharge pipe	排管直径	300mm	400mm	500mm
Max. dredging depth	最大挖深	16m	22m	25m
Water flow	清水流量	2000m³/h	2500m³/h	4000m³/h
Solid sand capacity	泥沙产量	500m³/h	625m³/h	1000m³/h
Discharge distance	排距	1500m	1500m	2000m
Draught	吃水	1.4m	1.7m	1.7m
Hydraulic winch	液压绞车	130/50KN	160/80KN	160/100KN
Hydraulic cutter power	液压绞刀功率	50kw	80kw	170kw
Diameter cutter head	绞刀头直径	1450mm	1500mm	1700mm
Diameter spud cylinder	定位桩缸直径	100mm	160mm	160mm
Spud diameter and length	定位桩直径长度	Φ325mmx23m	Φ457mmx31m	Φ510mmx35m
Total fuel oil consumption	总油耗	95L/H	129L/H	201L/H

### Cutter Suction Dredger--Dual Pump

Item		IT600D	IT700D	IT800D
Dredger LOA	总长	46.0m	49.0m	52.0m
Hull size (L×B×H)	船体尺寸	39.0×10.5×2.8m	40.0×10.8×3.6m	46.0×12.1×3.8m
Main pontoon (L×B×H)	主浮体尺寸	18.2×3.5×2.8m	20.0×3.8×3.6m	26.0×4.5×3.8m
Side pontoon (L×B×H)	边浮体尺寸	38.0×3.5×2.8m	39.0×3.5×3.6m	40.0×3.8×3.8m
Structure	结构	Can be dismantled and re-assembled easily, box structure, lower delivery cost		
Main engine brand/power	主机品牌/功率	MWM/1740kw	Weichai-MAN/2190kw	Weichai-MAN/2720kw
Auxiliary engine brand/power	辅机品牌/功率	MWM/920kw	Weichai/1100kw	Weichai/1100kw
Harbour generator	停泊发电机组	MWM/50kw	Weichai/75kw	Weichai/103kw
Total power	整船功率	2710kw	3365kw	3923kw
Diameter discharge pipe	排管直径	600mm	700mm	800mm
Max. dredging depth	最大挖深	25m	28m	30m
Water flow	清水流量	6000m³/h	7500m³/h	8000m³/h
Solid sand capacity	泥沙产量	1800m³/h	2250m³/h	2400m³/h
Discharge distance	排距	2000m	2500m	2500m
Draught	吃水	1.7m	2.0m	2.7m
Hydraulic winch	液压绞车	240/160KN	240/160KN	320/240KN
Hydraulic cutter power	液压绞刀功率	300kw	500kw	500kw
Diameter cutter head	绞刀头直径	2050mm	2200mm	2350mm
Diameter spud cylinder	定位桩缸直径	160mm	180mm	180mm
Spud diameter and length	定位桩直径长度	Φ720mmx35m	Φ720mmx40m	Φ720mmx42m
Total fuel oil consumption	总油耗	399L/H	493L/H	573L/H



## Bucket Chain Dredger 链斗式挖沙船

### ◆ 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 be customized according to the requirement of the clients.

### ◆ 概述 :

- ◆ 我们生产的链斗式挖沙船, 浮体采用拼装式箱型结构。配有挖掘装置、提升装置、大颗粒过滤装置、传送装置、迁移装置, 挖掘上来的泥沙通过输送带输送至运输船, 可以一次性完成挖掘、沙石分离、石子破碎、石子分级、泥沙清洗分离、重金属提取、脱水、输送等。并可根据客户定制。

### ◆ Advantage :

- ◆ Best Price Low Cost
- ◆ Energy-Efficient
- ◆ Outstanding Durability Reliable Performance
- ◆ Easy Transportation
- ◆ Long service life and Warranty
- ◆ High Quality
- ◆ Easy Maintenance
- ◆ Service&Training

### ◆ 优势 :

- ◆ 性价比高
- ◆ 高效节能
- ◆ 经久耐用
- ◆ 可高强度输送
- ◆ 质保期长
- ◆ 高质量
- ◆ 易维护
- ◆ 服务培训



Bucket Chain Dredger 链斗式挖沙船		IT-B60	IT-B80	IT-B100	IT-B120
Dredger LOA	总长	23.0m	25.0m	28.0m	35.0m
Hull size(L×B×H)	船体尺寸	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	结构	Can be dismantled and re-assembled easily, box structure, lower delivery cost			
Main engine brand	主机品牌	Weichai	Weichai	Weichai	Weichai
Main engine power	主机功率	75kw	88kw	105kw	115kw
Max. dredging depth	最大挖深	8m	8m	10m	13m
Draught	吃水	0.6m	0.6m	0.6m	0.7m
Max. capacity	最大产量	60m³/h	80m³/h	100m³/h	120m³/h
Chain bucket quantity	链斗数量	64pcs	64pcs	64pcs	64pcs
Chain bucket speed	斗速	15.2m/min	15.2m/min	15.2m/min	18m/min
Chain size	链条尺寸	600×100×30mm	600×100×30mm	700×100×30mm	800×100×35mm
Chain material	链条材质	Mn13Cr2	Mn13Cr2	Mn13Cr2	Mn13Cr2
Chain quantity	链条数量	128pcs	128pcs	128pcs	128pcs
Total power	总功率	95kw	108kw	125kw	135kw
Total fuel oil consumption	总油耗	14L/H	16L/H	19L/H	20L/H

Bucket Chain Dredger 链斗式挖沙船		IT-B150	IT-B200	IT-B300	IT-B400
Dredger LOA	总长	38.0m	42.0m	46.0m	49.0m
Hull size(L×B×H)	船体尺寸	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	结构	Can be dismantled and re-assembled easily, box structure, lower delivery cost			
Main engine brand	主机品牌	Weichai	Weichai	Weichai	Weichai
Main engine power	主机功率	125kw	147kw	205kw	240kw
Max. dredging depth	最大挖深	16m	20m	25m	28m
Draught	吃水	0.7m	0.8m	0.8m	0.9m
Max. capacity	最大产量	150m³/h	200m³/h	300m³/h	400m³/h
Chain bucket quantity	链斗数量	64pcs	88pcs	88pcs	88pcs
Chain bucket speed	斗速	18m/min	18m/min	18m/min	18m/min
Chain size	链条尺寸	800×100×40mm	800×120×40mm	1000×150×50mm	1100×150×50mm
Chain material	链条材质	Mn13Cr2	Mn13Cr2	Mn13Cr2	Mn13Cr2
Chain quantity	链条数量	128pcs	176pcs	176pcs	176pcs
Total power	总功率	145kw	167kw	225kw	260kw
Total fuel oil consumption	总油耗	22L/H	25L/H	34L/H	39L/H

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



## Jet Suction Dredger 射吸式抽沙船

### ◆ 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, fined (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.

### ◆ 概述:

- ◆ 射吸式挖沙船，通过高压射流水柱冲散矿体、变频器控制的船用发动机，带动吸沙泵旋转，使吸口形成真空，将混合介质吸入泵内并送入装有缓冲、垃圾过滤装置的选矿平台。过滤后的细料（根据客户定制孔径）进入分配器，并通过该分配器进入选金设备。选好的精矿用输送泵输送到目的地，废料通过溜槽流到选矿平台的一侧。工作平台上带有空调及监控操作室。

### ◆ Advantage :

- ◆ Best Price Low Cost
- ◆ Energy-Efficient
- ◆ Outstanding Durability Reliable Performance
- ◆ Easy Transportation
- ◆ Long service life and Warranty
- ◆ High Quality
- ◆ Easy Maintenance
- ◆ Service&Training

### ◆ 优势:

- ◆ 性价比高
- ◆ 高效节能
- ◆ 经久耐用
- ◆ 可高强度输送
- ◆ 质保期长
- ◆ 高质量
- ◆ 易维护
- ◆ 服务培训



### Jet Suction Dredger 射吸式抽沙船

		IT-J100	IT-J200	IT-J300	IT-J400
Dredger LOA	总长	27.0m	29.0m	30.0m	33.0m
Hull size (L×B×H)	船体尺寸	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	结构	Can be dismantled and re-assembled easily, box structure, lower delivery cost			
Main Engine Brand	主机品牌	Weichai	Weichai	Weichai	Weichai
Main engine power	主机功率	75kw	88kw	103kw	258kw
Dredging pump	抽沙泵	8/6"	10/8"	12/10"	14/12"
Jet pump power	射水泵功率	4kw	7.5kw	11kw	15kw
Max. dredging depth	最大挖深	9m	11m	13m	15m
Pump flow	泥泵流量	540m³	900m³	1370m³	2000m³
Draught	吃水	0.6m	0.6m	1.0m	1.1m
Max. capacity	最大产量	100m³/h	200m³/h	300m³/h	400m³/h

### Jet Suction Dredger 射吸式抽沙船

		IT-J500	IT-J650	IT-J750
Dredger LOA	总长	36.0m	39.0m	39.0m
Hull size (L×B×H)	船体尺寸	32.0×6.4×2.0m	35.0×8.0×2.4m	35.0×8.0×2.4m
Structure	结构	Can be dismantled and re-assembled easily, box structure, lower delivery cost		
Main Engine Brand	主机品牌	Weichai	Weichai	Jichai
Main engine power	主机功率	330kw	368kw	478kw
Dredging pump	抽沙泵	14/12"	16/14"	18/16"
Jet pump power	射水泵功率	18.5kw	30kw	37kw
Max. dredging depth	最大挖深	16m	17m	18m
Pump flow	泥泵流量	2500m³	3250m³	3600m³
Draught	吃水	1.2m	1.6m	1.6m
Max. capacity	最大产量	500m³/h	650m³/h	750m³/h

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



## Wheel Bucket Dredger 斗轮式挖泥船

### ◆ General Description :

- ◆ Wheel Bucket Dredger with full hydraulic control, dismantled 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, dismantled type cabin, equipped with anchor boom, trolley and other devices. Auto lubrication device for cutter ensure long life, independent positioning metal floating ring seal.

### ◆ 概述:

- ◆ 斗轮式挖泥船是大型全液压操纵、拼装式挖泥船，适用于内河航道的疏浚，水渠和水库内挖泥作业。全船的挖泥设备采用液压驱动，集中控制。本船主体船由三个浮箱组成，使用时拼接成一体。驾驶室为可拆卸式，通过桥梁等限高场所时可降低高度。当船远距离转移及到无连通的水域时可将船体拆卸使用汽车或火车运输。可配置抛锚杆、台车等装置，绞刀驱动装置采用滑油润滑，独立定位金属浮封环密封装置。

### ◆ Advantage :

- ◆ Best Price Low Cost
- ◆ Energy-Efficient
- ◆ Outstanding Durability Reliable Performance
- ◆ Easy Transportation
- ◆ Long service life and Warranty
- ◆ High Quality
- ◆ Easy Maintenance
- ◆ Service&Training

### ◆ 优势:

- ◆ 性价比高
- ◆ 高效节能
- ◆ 经久耐用
- ◆ 可高强度输送
- ◆ 质保期长
- ◆ 高质量
- ◆ 易维护
- ◆ 服务培训



Wheel Bucket Dredger 斗轮式挖泥船

		IT-W200	IT-W250	IT-W300	IT-W350
Dredger LOA	总长	17.0m	23.0m	25.0m	27.0m
Hull size (L×B×H)	船体尺寸	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 (L×B×H)	主浮体尺寸	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 (L×B×H)	边浮体尺寸	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	结构	Can be dismantled and re-assembled easily, box structure, lower delivery cost			
Main engine brand & power	主机品牌/总功率	Cummins/224kw	Cummins/298kw	Cummins/522kw	Cummins/477kw
Auxiliary engine brand& power	辅机品牌/功率	—	—	—	Cummins/224kw
Harbour generator	停泊发电机	Cummins/20kw	Cummins/20kw	Cummins/20kw	Cummins/30kw
Total power	整船功率	244kw	318kw	542kw	731kw
Discharge pipe Dia.	排管内直径	200mm	250mm	300mm	350mm
Max. dredging depth	最大挖深	8m	9m	10m	11m
Water flow	清水流量	800m³/h	1000m³/h	1500m³/h	2000m³/h
Solid sand capacity	泥沙产量	160m³/h	200m³/h	300m³/h	400m³/h
Discharge distance	排距	800m	1000m	1200m	1500m
Draught	吃水	1.1m	1.2m	1.3m	1.4m
Hydraulic control system	液压控制系统	PLC Siemens	PLC Siemens	PLC Siemens	PLC Siemens
Total fuel oil consumption	总油耗	34L/H	45L/H	78L/H	105L/H

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




**Wheel Bucket Dredger 斗轮式挖泥船**

		IT-W400	IT-W450	IT-W500	IT-W550
Dredger LOA	总长	29.0m	31.0m	36.0m	38.0m
Hull size (L×B×H)	船体尺寸	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 (L×B×H)	主浮体尺寸	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 (L×B×H)	边浮体尺寸	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	结构	Can be dismantled and re-assembled easily, box structure, lower delivery cost			
Main engine brand & power	主机品牌/总功率	Cummins/522kw	Cummins/597kw	Cummins/895kw	Cummins/1193kw
Auxiliary engine brand& power	辅机品牌/功率	Cummins/224kw	Cummins/224kw	Cummins/298kw	Cummins/298kw
Harbour generator	停泊发电机	Cummins/30kw	Cummins/30kw	Cummins/40kw	Cummins/40kw
Total power	整船功率	776kw	851kw	1233kw	1531kw
Discharge pipe Dia.	排管内直径	400mm	450mm	500 mm	550 mm
Max. dredging depth	最大挖深	13m	14m	15m	16m
Water flow	清水流量	2500m³/h	3000m³/h	4000m³/h	4500m³/h
Solid sand capacity	泥沙产量	500m³/h	600m³/h	800m³/h	900m³/h
Discharge distance	排距	1500m	1500m	2000m	2000m
Draught	吃水	1.4m	1.7m	1.7m	1.7m
Hydraulic control system	液压控制系统	PLC Siemens	PLC Siemens	PLC Siemens	PLC Siemens
Total fuel oil consumption	总油耗	112L/H	123L/H	179L/H	229L/H

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

**Wheel Bucket Dredger 斗轮式挖泥船**

		IT-W600	IT-W650	IT-W700	IT-W800
Dredger LOA	总长	41.0m	43.0m	45.0m	50.0m
Hull size (L×B×H)	船体尺寸	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 (L×B×H)	主浮体尺寸	18.2×3.7×3.2m	18.2×3.8×3.6m	18.2×3.8×3.6m	26.0×4.5×3.8m
Side pontoon (L×B×H)	边浮体尺寸	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	结构	Can be dismantled and re-assembled easily, box structure, lower delivery cost			
Main engine brand & power	主机品牌/总功率	Cummins/1641kw	Weichai-MAN/1720kw	Weichai-MAN/2190kw	Weichai-MAN/2720kw
Auxiliary engine brand& power	辅机品牌/功率	Cummins/447kw	Weichai/456kw	Weichai/662kw	Weichai/736kw
Harbour generator	停泊发电机	Cummins/50kw	Weichai/75kw	Weichai/75kw	Weichai/103kw
Total power	整船功率	2138kw	2251kw	2927kw	3559kw
Discharge pipe Dia.	排管内直径	600 mm	650 mm	700mm	800mm
Max. dredging depth	最大挖深	16m	16m	17m	17m
Water flow	清水流量	5500m³/h	6000m³/h	7000m³/h	7500m³/h
Solid sand capacity	泥沙产量	1100m³/h	1200m³/h	1400m³/h	1500m³/h
Discharge distance	排距	2000m	2000m	2200m	2500m
Draught	吃水	1.7m	2.0m	2.0m	2.7m
Hydraulic control system	液压控制系统	PLC Siemens	PLC Siemens	PLC Siemens	PLC Siemens
Total fuel oil consumption	总油耗	313L/H	326L/H	428L/H	518L/H

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



## Vacuum Suction Dredger 真空吸式抽沙船

### ◆ General Description :

- ◆ Vacuum Suction Dredger is used for digging out sand under water. Dredger's move is rely on the windlass. 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 25m. The dredger's structure is transverse framing and electrowelding steel structure.

### ◆ 概述 :

- ◆ 真空吸式抽沙船，主要功能是通过吸沙装置挖掘河床上的沙石。移位依靠卷扬机。中前部为开底，吸沙头在此处伸入水中，船首甲板支架上设有1套吸沙头提升装置，通过卷扬机控制吸沙头的起降。本船最大挖深为水线下25m。

### ◆ Advantage :

- ◆ Best Price Low Cost
- ◆ Energy-Efficient
- ◆ Outstanding Durability Reliable Performance
- ◆ Easy Transportation
- ◆ Long service life and Warranty
- ◆ High Quality
- ◆ Easy Maintenance
- ◆ Service&Training

### ◆ 优势 :

- ◆ 性价比高
- ◆ 高效节能
- ◆ 经久耐用
- ◆ 可高强度输送
- ◆ 质保期长
- ◆ 高质量
- ◆ 易维护
- ◆ 服务培训



Vacuum Suction Dredger 真空吸式抽沙船

		IT-V100	IT-V200	IT-V300	IT-V400	IT-V500
Dredger LOA	总长	28.0m	32.0m	36.0m	40.0m	44.0m
Hull size(L×B×H)	船体尺寸	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	结构	Can be dismantled and re-assembled easily, box structure, lower delivery cost				
Main engine brand	主机品牌	Weichai	Weichai	Weichai	Jichai	Jichai
Main engine power	主机功率	515kw	601kw	808kw	1000kw	1200kw
Dredging pump head	抽沙泵扬程	18m	20m	26m	30m	35m
Dredging pump power	抽沙泵功率	110kw	200kw	200kw	200kw	280kw
Max. dredging depth	最大挖深	12m	15m	18m	20m	25m
Water flow	清水流量	1000m³	1500m³	2000m³	2500m³	3000m³
Draught	吃水	1.1m	1.2m	1.3m	1.4m	1.6m
Max. capacity	最大产量	350m³/h	450m³/h	650m³/h	750m³/h	900m³/h
Total weight	总重量	100T	120T	140T	160T	180T
Total power	总功率	625kw	801kw	1008kw	1200kw	1480kw

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





## IT-E250 Electric Cutter Suction Dredger 电动式绞吸式挖泥船

### ◆ 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.

### ◆ 概述 :

- ◆ 我们生产的挖泥船是自航或非自航式的，移动式绞吸挖泥船，船体采用可拆卸式和箱体结构，配备横移绞车，绞刀架提升装置，定位桩，甲板吊等等，广泛适用于挖沙、河道清淤、航道维护和拓宽、疏浚、吹填造地、港口建设等。

### ◆ 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

### ◆ 优势 :

- ◆ 可靠高效-关键设备国际品牌
- ◆ 出厂前测试池测试
- ◆ 售后服务-工程师现场安装培训。全天候技术支持，第一年免费更换零件，随后成本价更换并提供服务。
- ◆ 可拆卸便于运输



### IT-E250 Electric Cutter Suction Dredger

Dredger LOA	总长	30.0m
Hull size(L×B×H)	船体尺寸	21.5×7.4×2.0m
Main pontoon(L×B×H)	主浮体尺寸	12.0×3.0×12.0m
Side pontoon (L×B×H)	边浮体尺寸	20.0×2.0×2.0m
Structure	结构	box-structure
Main engine Model& power	主机型号/功率	Y560-8 / 710kw
Main engine RPM		750rpm
Voltage		10KV
Auxiliary engine Model& power	辅机型号/功率	Y315S-4 / 110kw
Auxiliary engine RPM		1500rpm
Voltage		0.4KV
Dredging pump	挖泥泵	Warman Technology
Discharge pipe inner Dia.	排管内直径	450mm
Head	扬程	65m
Max. dredging depth	最大挖深	13m
Water flow	清水流量	2000m³/h
Solid sand capacity	泥沙产量	400m³/h
Discharge distance	排距	600m
Cutter head Dia.	绞刀头直径	1300mm
Cutter power	绞刀功率	80kw
Draught	吃水	1.3m
Hydraulic control system	液压控制系统	PLC Siemens
Wire rope pulling force (Lifting winch )*Quantity	钢丝绳拉力 (提升绞车) &数量	75KN *1
Wire rope pulling force (Traversing winch )*Quantity	钢丝绳拉力 (横移绞车) &数量	75KN *2
Operation room	操作室	Adjustable chair, movable side-window, air condition, PLC system, signal lights and floodlights
Total fuel oil consumption	总油耗	123L/H



## Multi-function Service Work Boat 多功能服务工作船

### ◆ 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.

### ◆ 概述 :

- ◆ 多功能服务工作船：适用于挖泥船及其他疏浚设备的顶推及拖带。驳船的顶推、拖航及装卸；输泥浮管的安装、拆卸；向疏浚工地输送燃油及饮用水、抛锚、救生，维修平台、人员休息、就餐、洗浴。

### ◆ Main Function :

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

### ◆ 主要用途 :

- ◆ 设备转移
- ◆ 抛锚
- ◆ 拖船
- ◆ 浮管铺设
- ◆ 员工通勤和食宿
- ◆ 维修保障



## Multi-function Service Work Boat 多功能服务工作船

Model	型号	IT-S240
Hull size (L×B×H)	船体尺寸	10.0×6.0×1.8m
Pontoon size (L×B×H)	浮体尺寸×2	(10.0×3.0×1.8m)×2
Hull material thickness	厚度 (甲板/侧/底)	8mm/8mm/8mm
Draught	吃水	1.2m
Displacement	排水量	60T
Fuel oil capacity	燃油舱容积	15m³
Fresh water capacity	淡水舱容积	3T
Deck crane lift	甲板吊起重量	1T
Speed	航速	15kn/h
Anchor weight&QTY.	锚重×数量	70kg×2
Volume in bulk	散装容量	180m³
Main engine 主机	Brand 品牌	Cummins/Sinotruck
	Model 型号	6BT5.9-M120/WD415.16C03
	RPM 转速	2200r/min
	Power 推进功率	240HP
Gearbox 变速箱	Engine quantity 主机数量	2pcs
	Maker 生厂商	Hangchi
	Model 型号	MB270
	Gear box QTY. 齿轮箱数量	2pcs
Generator 发电机	Power 功率	12kw
	Model 发电机组型号	X2105BCF
Total fuel oil consumption 总耗油量		27L/H





Multi-function Service Work Boat 多功能服务工作船

Model	型号	IT-S300	IT-S380
Hull size (L×B×H)	船体尺寸	12.0×6.0×2.0m	16.0×6.0×2.0m
Pontoon size (L×B×H)	浮体尺寸×2	(12.0×3.0×2.0m)×2	(16.0×3.0×2.0m)×2
Hull material thickness	厚度 (甲板/侧/底)	8mm/8mm/10mm	10mm/8mm/10mm
Draught	吃水	1.3m	1.5m
Displacement	排水量	80T	130T
Fuel oil capacity	燃油舱容积	20m <sup>3</sup>	30m <sup>3</sup>
Fresh water capacity	淡水舱容积	3T	5T
Deck crane lift	甲板吊起重量	1.5T	2T
Speed	航速	15kn/h	15kn/h
Anchor weight&QTY.	锚重×数量	70kg×2	70kg×2
Volume in bulk	散装容量	210m <sup>3</sup>	280m <sup>3</sup>
Main engine 主机	Brand 品牌	Cummins/Sinotruk	Cummins/Sinotruk
	Model 型号	6BTA5.9-M150/WD415.24C03	6CTA8.3-M188/WD615.67C03N
	RPM 转速	2200r/min	2200r/min
	Power 推进功率	300HP	376HP
Gearbox 变速箱	Engine quantity 主机数量	2pcs	2pcs
	Maker 生厂商	Hangchi	Hangchi
	Model 型号	MB270	MB242
	Gear box QTY. 齿轮箱数量	2pcs	2pcs
Generator 发电机	Power 功率	12kw	30kw
	Model 发电机组型号	X2105BCF	X2105BCF
Total fuel oil consumption 总耗油量		33L/H	41L/H



Multi-function Service Work Boat 多功能服务工作船

Model	型号	IT-S410	IT-S500
Hull size (L×B×H)	船体尺寸	20.0×7.0×2.5m	22.0×8.0×2.8m
Pontoon size (L×B×H)	浮体尺寸×2	(20.0×3.5×2.5m)×2	(22.0×4.0×2.8m)×2
Hull material thickness	厚度 (甲板/侧/底)	10mm/8mm/10mm	12mm/10mm/12mm
Draught	吃水	1.8m	2m
Displacement	排水量	200T	270T
Fuel oil capacity	燃油舱容积	30m <sup>3</sup>	35m <sup>3</sup>
Fresh water capacity	淡水舱容积	5T	5T
Deck crane lift	甲板吊起重量	2.5T	3T
Speed	航速	20kn/h	20kn/h
Anchor weight&QTY.	锚重×数量	70kg×2	70kg×2
Volume in bulk	散装容量	340m <sup>3</sup>	420m <sup>3</sup>
Main engine 主机	Brand 品牌	Cummins/Sinotruk	Cummins/Sinotruk
	Model 型号	6CTA8.3-M205/WD615.68C03N	6CTA8.3-M205/WD615.68C03N
	RPM 转速	2200r/min	2200r/min
	Power 推进功率	410HP	500HP
Gearbox 变速箱	Engine quantity 主机数量	2pcs	2pcs
	Maker 生厂商	Hangchi	Hangchi
	Model 型号	MB242	MB270
	Gear box QTY. 齿轮箱数量	2pcs	2pcs
Generator 发电机	Power 功率	30kw	30kw
	Model 发电机组型号	X2105BCF	X2105BCF
Total fuel oil consumption 总耗油量		45L/H	55L/H



## River Mining Machinery 水上选矿设备

### ◆ 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.

### ◆ 概述 :

- ◆ 链斗式挖沙淘金船。船体采用拼装式箱型结构。根据地理条件而设计整船的运作方式，配有操作室、操作台、发电机组、挖掘装置、沙石分离装置、提金装置、提升装置、定位装置等。

### ◆ 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.

### ◆ 主要用途 :

- ◆ 链斗式挖沙淘金船,通过电机驱动挖斗上料进入加长滚筒筛,先进行沙、石、泥的搅拌,然后再进入沙石分离阶段,石块经过筛选后由溜槽流到旁边,细沙通过滑沙板进入带粘金毯的溜槽进行黄金提取,尾沙通过溜槽自然流走。



River Mining Machinery 水上选矿设备		IT-M60	IT-M80	IT-M100
Model	型号			
Hull size (L×B×H)	船体尺寸	24.0×4.5×1.0m	27.0×5.4×1.0m	30.0×4.8×1.0m
Dredging Depth	挖深	7m	12m	13m
Draught	吃水	0.6m	0.6m	0.8m
Max. capacity	最大产量	60m³/h	80m³/h	100m³/h
Drum screen (L×Dia.)	滚筒筛 (长×直径)	1.4m×1.2m	2.4m×1.4m	2.4m×1.4m
Drum screen power	滚筒筛功率	5.5kw	5.5kw	5.5kw
Generator Brand*power	发电机品牌*功率	Weichai*75kw	Weichai*75kw	Weichai*75kw
Main motor 主电机	Dredging power	挖掘主电机	37kw	55kw
	Lift motor	提升主电机	7.5kw	18kw
	Drum screen motor	滚筒筛主电机	5.5kw	5.5kw
	Injection pump power	注水泵动力	7.5kw	11.5kw
Chain bucket 挖斗	Migration device×QTY.	横移动力×数量	4kw×3	4kw×3
	Power units	发电机组 品牌×功率	Weichai×75kw	Weichai×75kw
	Capacity	容量	0.035m³	0.05m³
	Chain bucket speed	斗速	32buckets/min	32buckets/min
Chain 链条	Quantity	数量	86pcs	62pcs
	Size	尺寸	600×100×30mm	600×100×30mm
Chain 链条	Quantity	数量	172pcs	124pcs
	Size	尺寸	800×100×35mm	800×100×35mm

River Mining Machinery 水上选矿设备		IT-M120	IT-M150
Model	型号		
Hull size (L×B×H)	船体尺寸	35.0×7.6×1.2m	38.0×6.6×1.2m
Dredging Depth	挖深	15m	18m
Draught	吃水	0.8m	0.8m
Max. capacity	最大产量	120m³/h	150m³/h
Drum screen (L×Dia.)	滚筒筛 (长×直径)	2.4m×1.4m	2.6m×1.5m
Drum screen power	滚筒筛功率	7.5kw	11kw
Generator Brand*power	发电机品牌*功率	Weichai*75kw	Weichai*75kw
Main motor 主电机	Dredging power	挖掘主电机	75 kw
	Lift motor	提升主电机	22kw
	Drum screen motor	滚筒筛主电机	7.5 kw
	Injection pump power	注水泵动力	15kw
Chain bucket 挖斗	Migration device×QTY.	横移动力×数量	7.5kw×3
	Power units	发电机组 品牌×功率	Weichai×75kw
	Capacity	容量	0.08m³
	Chain bucket speed	斗速	32buckets/min
Chain 链条	Quantity	数量	86pcs
	Size	尺寸	800×120×40mm
Chain 链条	Quantity	数量	172pcs
	Size	尺寸	800×120×40mm



## Land Mining Machinery 陆地选矿设备

### ◆ 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 chute, centrifuges, secondary recovery chute, etc.

### ◆ 概述 :

- ◆ 该淘金设备是根据客户的详细要求和当地地形而制作的, 整个淘金设备包括操作室、储料斗、隔离栅、进料输送机、沙石分离筛、水喷射系统、旋转皮带槽、离心机和二次回收槽等。

### ◆ Main Function :

- ◆ Land 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.

### ◆ 主要用途 :

- ◆ 陆地选矿设备, 通过电机驱动挖斗上料进入加长滚筒筛, 先进行沙、石、泥的搅拌, 然后再进入沙石分离阶段, 石块经过筛选后由溜槽流到旁边, 细沙通过滑沙板进入带粘金毯的溜槽进行黄金提取, 尾沙通过溜槽自然流走。



## Land Mining Machinery 陆地选矿设备

Item		IT-M100L	IT-M300L
Storage Hooper Dimension (L×B×H)	储料斗尺寸	4.0×1.5×1.5m	6.7×2.2×2.2m
Max. capacity	最大产量	100m³/h	300m³/h
Bucket feed conveyor 给料机	Main frame height	主框架的高度	4.0m
	Power	功率	10kw
	Reducer	减速器	ZQ750
	Bucket numbers	斗的数量	20sets
	Bucket capacity	斗容	0.07m³
	Chain dimension (L*W*H)	尺寸	400 ×100×30mm
	Chains q uantity	链条数量	20sets
	Lift bucket frame height	框架高度	1.5m
	Lift bucket frame material	框架材料	Ø140*6# steel tube
	Lift power	提升功率	2.0kw
Drum screen and gold selection system 滚筒筛和选金系统	Dia.	直径	1.4m
	Length	长度	5m
	Power	功率	10kw
	Water flow	清水流量	200m³/h
Rotating belt chute 旋转输送带	Head of the water pump	扬程	8m
	Working length	长度	2.0m
	Rotate speed	转速	0-20m/min
	Power	功率	7.5kw
Centrifugal 离心机	Quantity	数量	2sets
	Brand	品牌	Weichai
	Total power	总功率	120kw@1500 rpm
	Total fuel oil consumption	总油耗	18L/H
Diesel generator 柴油发电机			



## Sand Transportation Ship 运沙船

### ◆ 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.

### ◆ 概述 :

- ◆ 本设备是自航、自卸式运沙设备，浮体根据需要可分为整体、分体式结构；设备配置有推进系统、储料仓系统、输送架起落装置、定位锚装置、输送装置操作室，生产过程如下：挖沙—输送—运输—卸料，本设备配置的定位绞车、输送架起落绞车均由电动机驱动。

### ◆ Main Function :

- ◆ Sand Transportation Ship is 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.

### ◆ 主要功能 :

- ◆ 挖沙设备采集原料，输送到运输船储料仓，运到岸边，用输送带输送到陆地上，然后进入下一步的沙石分选、破碎、水洗、分级。



Sand Transportation Ship 运沙船		IT-T100	IT-T300	IT-T300A
Item				
Hull size (L×B×D)	船体尺寸	24.3×5.0×2.2m	36.0×8.5×3.0m	36.0×8.5×3.0m
Draught	吃水	1.6m	2.4m	2.4m
Displacement	满载排水量	155T	520T	520T
Capacity	载货量	100T	300T	300T
Main engine brand	主机品牌	Weichai	Weichai	Weichai
Main engine model	主机型号	WP6C156-21	WP6C156-21	WP6C156-21
Main engine power	主机功率	115kw	115kw	115kw
Main engine quantity	主机数量	1	2	2
Main engine RPM	主机转速	1500r/min	1500r/min	1500r/min
Gear box model	齿轮箱型号	135	135	135
Gear box quantity	齿轮箱数量	1pc	2pcs	2pcs
Speed	航速	12kn/h	12kn/h	12kn/h
Propulsion power	推进功率	110kw	220kw	220kw
Conveyor power×QTY.	输送机功率×数量	11kw×2	15kw×2	15kw×2
Generator power	发电机功率	33kw	55kw	55kw





## Fully automatic river clean machinery 全自动水植物打捞船

### ◆ General Description :

- ◆ The vessel with single plate and single deck. The whole skeleton of the vessel is welded. It is driven by double paddle wheel.
- ◆ 2:The vessel can salve in priority the water hyacinth and the water lettuce. It can collect, salve ,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 automic control operation of the vessel.

### ◆ 概述 :

- ◆ 本船为单底，单甲板，全骨架式焊接整体结构，双侧明轮驱动。
- ◆ 该船可优先打捞清理水葫芦，水浮莲，能够有效的收集，打捞，减容，破碎水葫芦。
- ◆ 此船为两舱结构，前端为收集舱，后端为存储输送仓，前、后舱均采用不锈钢长城网带，传送流畅，保证工作顺畅进行。卸载时水葫芦从船舶后端输送到指定的码头或者垃圾车上。
- ◆ 该船为全液压自动化机械，只需一人在驾驶室就可以实现对船舶的各项自动化操作控制。

### ◆ 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    |                                  |

### ◆ 优势 :

- |          |        |        |        |
|----------|--------|--------|--------|
| ◆ 绿色环保   | ◆ 性价比高 | ◆ 高效节能 | ◆ 经久耐用 |
| ◆ 可高强度输送 | ◆ 质保期长 | ◆ 高质量  | ◆ 易维护  |



Fully automatic river clean machinery 全自动水植物打捞船				
Item		IT-C60	IT-C75	IT-C90
Hull dimension 船体尺寸	Hull length 船体长度	7.2m	8.8m	9.6m
	LOA 总长	12.5m	14.6m	17.5m
	Hull width 船体宽度	3.0m	3.2m	3.4m
	Overall width 总宽度	4.0m	4.5m	4.8m
	Hull height 船体高度	1.1m	1.1m	1.16m
	Draught 吃水深度	0.55-0.75m	0.6-0.75m	0.6-0.75m
	Overall height 总高度	2.9m	2.9m	4.5m
	Cutting width 收集宽度	3.1m	3.5m	3.8m
Work capacity 工作能力	Cutting depth 收集深度	1.2m	1.2m	1.5m
	Stocks capacity 装载量	7.5 m³	15m³	22 m³
	Max. speed 调遣航速	6km/h	7km/h	8km/h
	Work speed 工作航速	3.5km/h	3.5km/h	3.5km/h
	Power 动力	60kw	75 kw	90 kw
	Endurance ability 续航力	24h	24h	24h
	type of drive 驱动方式	Paddle wheel or propeller 明轮或螺旋桨		
	Passenger 乘员	1-2	1-2	1-2



柴油机 Diesel engine



浮体 Floater



## Accessories 可选配件



管道 Pipe



橡胶软管 Rubber hose

绞车 Winch



绞刀头 Cutter head



桥架 Ladder



挖泥泵 Dredging pump



尾排管 Stern discharge pipe





生产车间安装图    Production site and installation



发货运输图片    Transportation



工地    Work site



售后服务    After-sales service

## After-Sales Service

### ◆ Spare parts

- ◆ Support spare parts are in stock
- ◆ We provides a convenient way for you to order parts. You can simply select the parts you need according to your specs and have them delivered directly to your job site.
- ◆ Free spare part in the first year and later cost price and services.
- ◆ We have offices in many countries and are ready to provide you with solutions.

### ◆ Installation and commissioning

- ◆ After delivery we send two experienced engineers who will guide installing and train local workers. 24/7 technical support standby. Free spare parts in the first year and later cost price and services.

## iTECH Dredger Global Service

### ◆ Maintenance and support

- ◆ 12 months manufacturing warranty on all new installed component parts.
- ◆ 12 months warranty on engine
- ◆ 12 months warranty on hull and all fabricated parts.
- ◆ In the event that our customers dredging experience unskilled or mechanical failure or they just need to shoot a minor problem, Highling Dredge engineers are available at customer's services, All dredger from Highling, there are always engineers for installation and training if customers needs. Before dredger ex-factory, it will be tested in the factory testing for performance and safety like in the work place.
- ◆ We have offices in many countries and are ready to provide you with solutions.

### ◆ Training

- ◆ Highling Services offers training and expertise that can help you make sure all of you personnel are operating as safely as possible.
- ◆ The products below will help you teach people at every level of your operation how to operate safely and how to communicate clearly, effectively and openly about any potential safety concerns.
- ◆ As technology continues to enhance our world, Highling is constantly developing and refining advanced technologies. These products, along with the extensive training curriculums offered, provide everything you need to maximize the performance of your equipment, reduce costly downtime, increase your Return on Investment, improve safety in your workplace, enhance operator performance, and much more.





## QUALITY GUIDELINES

To seek existence by quality.  
Seek development by quality.  
Transferring integrity into brand, integrity before  
work, quality as life, quality talks.

## CUSTOMER ORIENTED

Meeting customer's needs is our responsibility  
Client centered, market oriented, help clients  
succeed, create value for clients.

## Technology, Certificates, Logistics 技术, 证书, 物流



### ◆ Technology :

- ◆ Cummins / Caterpillar Engine ----- America
- ◆ The three brands of engine can be choose according to customer's special need.
- ◆ Warman Pump Technology ----- Australia
- ◆ Rexroth Hydraulic Valves and System ---- Germany
- ◆ Siemens PLC System ----- Germany
- ◆ DEUTZ MAN-MWM Engine----- Germany
- ◆ Eaton Vickers Hydraulic Pump---- America
- ◆ Schneider Electric System ----- Germany



## VALUES OF HIGHLING

We supply products, and we cast brand.  
We pursue benefit, and we pursue social value  
We build top-ranking corporation, and we build  
top-ranking culture.

## CULTURE OF HIGHLING

Quality is the perpetual theme,  
focus on market. Forge ahead, put quality and  
credit on the first place.  
Pursuit of excellence.



## Navigational Dredging

IT500 cutter suction dredger ( 20 inch 4000m<sup>3</sup>/h ) with dredging depth 14 meters is working in Bangladesh for channel dredging.

The national maritime facilities is inadequate. In Chittagong, the problem is the current maximum draft depth of the port is only 9.2 meters, absolutely is not deep enough for most modern container ships. So it needs to transport all goods from the large Marine ships by small boat. Mongla port also has same issue. we select the most appropriate dredger for them: the water flow is 4000m<sup>3</sup>/h cutter suction dredger. with it, our customer successfully completed the dredging engineering project in three months.

Country: Bangladesh

Place: The Mongla River

Issue time: 2015

Scope: the channel needs to clean mud, digging deep and dredging, so that easy to navigate.

Soil: main mud and silt

### 孟加拉吉大港疏浚航道—— IT500绞吸式挖泥船 ( 20寸4000m<sup>3</sup>/h )

孟加拉基础设施严重不足，吉大港目前的最大吃水深度只有9.2米，对于大多数现代货柜船来说绝对不够深，必须用小船运送停泊在港口外的大型海洋货轮上的货物。同样，蒙哥拉港也存在这样问题。我们为孟加拉优化了实施方案，和选配最合适的挖泥船：流量为4000m<sup>3</sup>/h绞吸式挖泥船，最后客户在3个月内顺利的完成了他们所承接项目的全部清淤工程。

## Environmental Dredging

IT250 cutter suction dredger ( 10 inch 1000m<sup>3</sup>/h ) with dredging depth 8 meters is working in Egypt for River environmental pollution dredging.

The Nile's pollution is very serious, 14 million tons of industrial waste water discharged into the Nile every year, causing increasingly serious pollution of the Nile. Water pollution has affected Egyptians seriously. For this, Egypt Government communicate with our company, hope we can recommend reasonable dredging plan and settle river pollution. according to river of width, environment, River bed sediments, We provide a medium model of cutter suction dredger to client. It can guarantee work output volume, and can make dredger to operate convenient freely in water.

Country: Egypt

Place: The Nile

Issue time: 2012

Scope: river pollution

Soil: main mud and silt

### 埃及尼罗河清淤—— IT250绞吸式挖泥船 ( 10寸1000m<sup>3</sup>/h )

埃及尼罗河的污染非常严重，每年有1400万吨工业废水排入尼罗河，导致尼罗河污染日益严重。水污染给埃及人的身心健康带来严重影响。针对日益严重的环境污染问题，埃及政府通过疏浚公司与我们公司沟通，希望能给他们提供一套治理方案。

我们公司根据河道的宽度，环境，河底材质等一系列的分析，给客户提供了一种中等型号的绞吸式挖泥船，既能保证工作输出量，又能使船自由的在水面操作

## Navigational Dredging



## Environmental Dredging







## Construction Dredging

IT450 cutter suction dredger (18inch 3000m<sup>3</sup>/h) with dredging depth 13 meters is working in Saudi Arabia for land reclamation.

Riyadh is the capital of the kingdom of Saudi Arabia and is one of the fastest developing cities in the world. After several dozens years construction, Riyadh city has taken on a completely new look, but due to Riyadh near to the desert, the use of the land area is relatively limited. Along with the population unceasing increase and tourism growing strong, so it needs more land to real estate development, residential areas, tourism and entertainment. Land reclamation and dredging engineering has become an important method for city development construction.

Country: Saudi Arabia

Place: Riyadh

Issue time: 2013

Scope: Riyadh shoreline

Soil: main sand

### 沙特阿拉伯利雅得疏浚吹填造地——IT450绞吸式挖泥船(18寸3000m<sup>3</sup>/h)

利雅得是沙特阿拉伯王国的首都，是世界上发展最快的城市之一。经过几十年的建设，利雅得的城市面貌焕然一新，是全国第一大城市，也是阿拉伯半岛最现代化的城市，但是由于利雅得靠近沙漠，土地使用面积相对有限，随着人口的不断增加和旅游业的发展壮大，需要更多的土地来为房地产开发，居民，旅游，娱乐提供更多的用地。疏浚吹填造地工程就成了城市发展建造的一个重要的手段。

## Mining Dredging

IT500D cutter suction dredger (20inch 4000m<sup>3</sup>/h) with dredging depth 25 meters is working in Nigeria for Sand Mining dredging.

Lagos is the old capital and the largest city of Nigeria, is the country's largest industrial and commercial center. Along with population increasing and industry development, a lot of new constructions and development of real estate is in urgent need. According to the Lagos river territory situation, we provide cutter suction dredger, it can dredge the bottom mud and sand. Our dredger's sand concentration is very high in the effective working time. And our company supplies a whole solution to protect the ecological environment when dredger works.

Country: Nigeria

Place: Lagos

Issue time: 2015

Scope: Riyadh shoreline

Soil: main sand

### 尼日利亚拉各斯清淤和挖沙——IT500D绞吸式挖泥船(20寸4000m<sup>3</sup>/h)

拉各斯(Lagos)是尼日利亚旧都和最大港市，是全国最大的工业和商业中心。

拉各斯随着人口的增加和工业的发展，急需大量新建筑，发展房地产，所以对沙子的需求量非常大。根据拉各斯河域情况，我们提供的挖泥船是绞吸式挖泥船，不但可以疏浚河底淤泥，还可以挖沙。我们的绞吸式挖泥船在有效工作时间内从河内挖出的固体物含沙量很高，浓度高，工作效率高，带给客户超出能力的挖沙效率。并且我们的公司在挖沙同时也为保护生态环境有一套自己的整体方案。

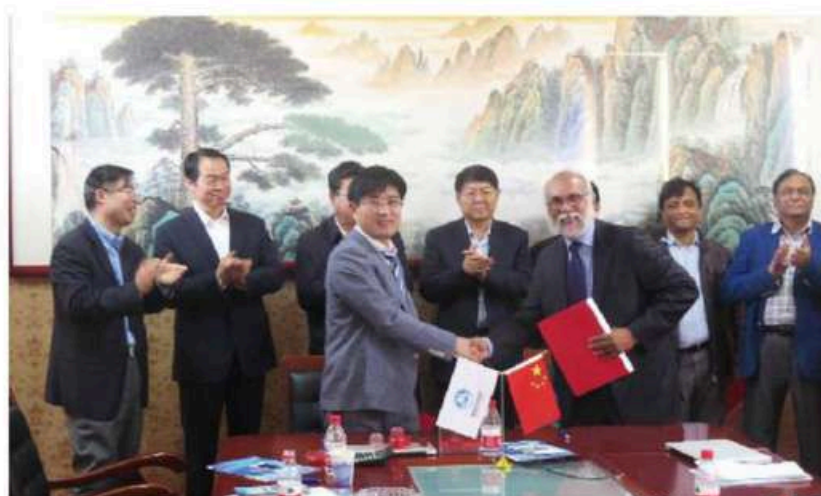
### Construction Dredging



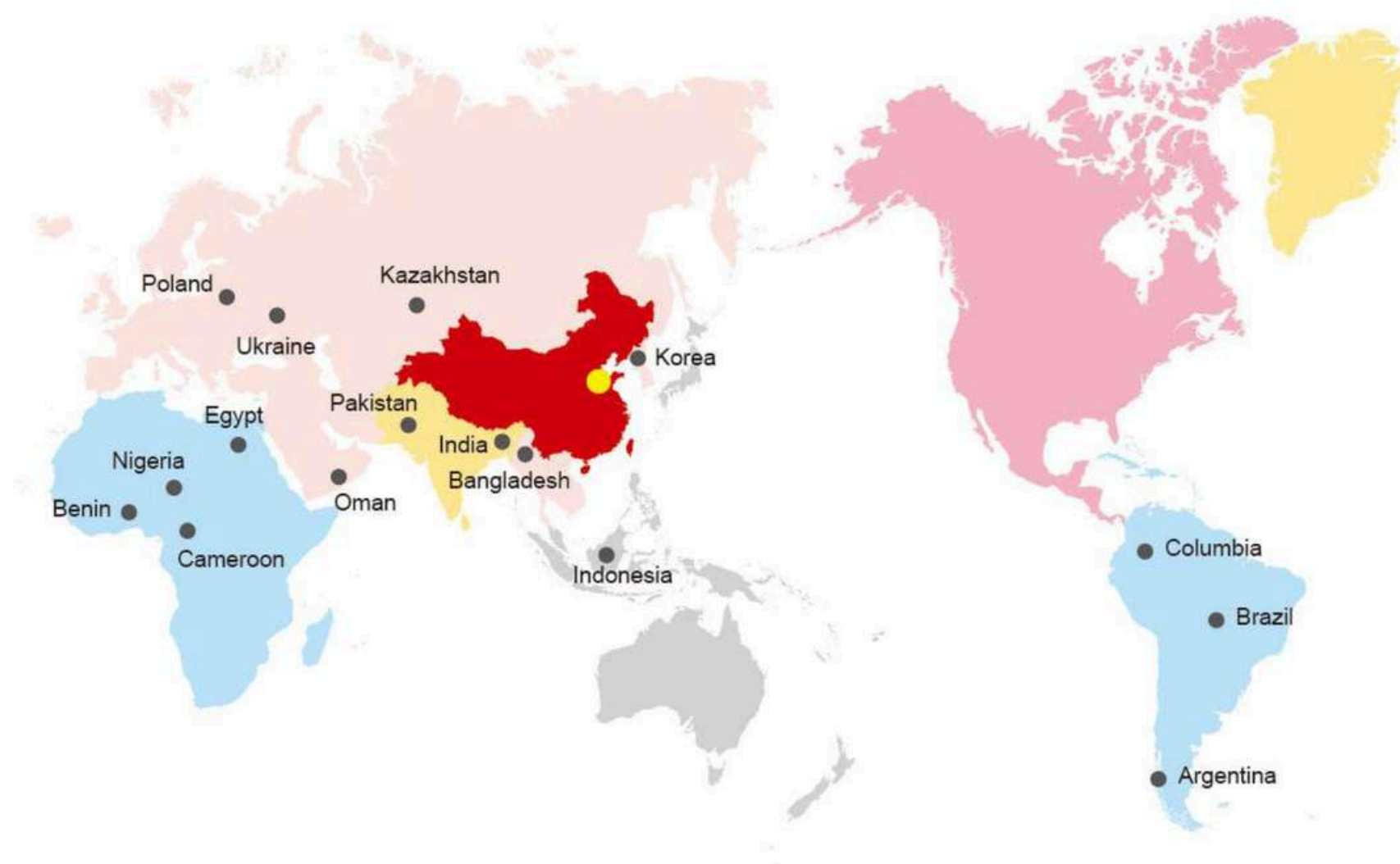
### Mining Dredging







## Marketing 市场



- ◆ Products are exported to Bangladesh, Pakistan, India, Brazil, Argentina, Benin, Egypt, Poland, Nigeria, Ukraine, Indonesia, Korea, Columbia, Kazakhstan, Oman, Cameroon, etc.
- ◆ 产品出口到孟加拉、巴基斯坦、印度、巴西、阿根廷、贝宁、埃及、波兰、尼日利亚、乌克兰、印尼、朝鲜，哥伦比亚，哈萨克斯坦，阿曼，喀麦隆等几十个国家。





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