



Production

We are able to machine almost everything our focus are feeding and camera equipment such as selector valves, augers, air spreaders, underwater camera housings with material aluminum, stainless steel, POMC, carbon steel, plastic.

We can machine and assemble very tight tolerance parts.

We perform very effectively, low cost, High Quality in time with highest standard of workmanship.

Departments

- CNC Machine
- Welding (different type)
- Assembly
- Plate
- Paint shop
- Electric
- Electronic





Production

We operate 3 waterjet machines and machines have able to cut steel plates with thickness up to 100 mm.

Cutting capacity for 2 shifts working:

- Aluminum : 6tons/month
- Stainless steel: 8 tons/month
- Carbon steel : 4,5tons/month





Production

- We manufacture techniques and procedure with regards to aluminum, stainless steel and carbon steel welding.
- Our welders are highly skilled of aluminum and stainless-steel welding experience.





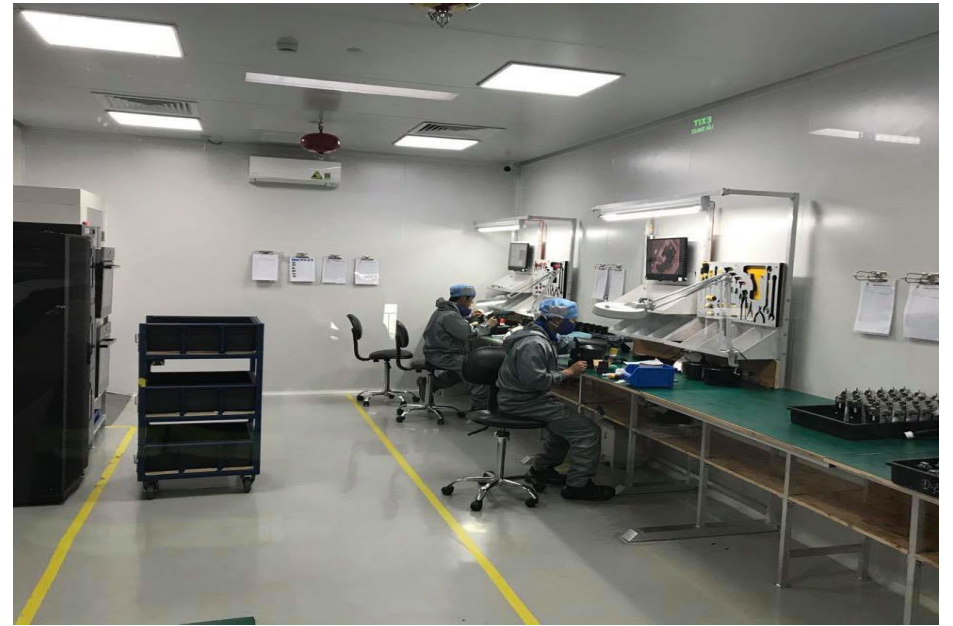
Electric-Electronic

Major products in Electric workshop

- PLC & IO cabinets
- Multi winch
- Cables :

Major products in Electronics workshop

- Cameras
- PSU





Production

Feeding container



Steel cages 40x40



Silo house and control room for barge



Counterweight silo hatches





Production **Equipment**

No	CNC Lathe	Quantity
1	Puma 2600SY, 4 axis	1
2	Charles ,JG-300 , 2 axis	1
3	Microcut ,BNC-35120 X , 2 axis	1
	CNC Milling	
4	Wele AA1165 , 3 axis	1
5	Heledius RS605 ,5 axis	1
	Basic Lathe and Milling	
6	Charles TW600-3000	1
7	Charles TW600-2000	1
8	Accutech 2500UM	1
	Sawing and Drilling	
9	Tone fan TF-1230H	2
10	KIK LGT-550A	3
11	Way Train WH-510A	1

12	Way Train UE-712	1
13	Way Train 918SSA	1
	Bending and Rolling	
14	Pipe bender Hanjie HC-1000 R2-4SM	1
15	Fintek Rolling PP-0440H	1
	Buckling and Folding	
16	Hydraulic Press brake PB-22032	1
17	Hydraulic Folding VH-0635-6HC	1
	Grinder	
18	Belt Grinding MDA-3775	1
19	Belt Grinding BG-752	1
20	Powder coating system	1
21	Gasket machine Robotek HS212	1



Top 20 products we produce

No	Description	Pictute	No	Description	Pictute
1	Camera cables (many kind of length)		11	Cable Fiber (many kind of length)	
2	Camera (many type 3300,3400..)		12	SLUICE BOX BL many type	
3	ORBIT-V-6002SS Multiwinch		13	PIPE SUPPORT many type	
4	PROTECTION BOX SS/C PSU 518/578		14	ORBIT - Bracket for ring many type	
5	ORBIT- PSU many type		15	Plough BL200	
6	AUGER (many kind of length)		16	SPREADER WITHOUT FLOAT 2015	
7	Orbit-Counterweight for Winchrope		17	SILO SHUTOFF AND PLATE 846243 w/3 flange	
8	Cable Winch many kind of length		18	CABINET(many type IO. PLC....)	
9	Antenna Digital for Cage W/alu.pipe		19	SELECTOR VALVE(many type)	
10	ORBIT-Bracket for Aluminium pipe		20	FRAME 15 DEG(many type)	



Typical products

No	Product	Description
1	Orbit 3300	Analog underwater camera (SD resolution), rotate 360 degrees, compass readings, IP69
2	Orbit 3500B	Analog underwater camera (SD resolution), rotate 360 degrees, compass, oxygen and gyroscope, IP69
3	Orbit 3400	Digital underwater camera (HD resolution),rotate 360 degrees, compass and 9 axis gyroscope reading, IP69
	Orbit 3600	Digital underwater camera (HD resolution), rotate 360 degrees, compass, oxygen and 9 axis gyroscope,IP69
4	Orbit 310	Solution for site monitoring, Full HD 1080p Orbit 310B has a powerful optical zoom of 30 X. The camera can operate down to -10 degrees and has de-icing that remove ice formation around the dome.



No	Product	Description
5	Orbit 210	Surface camera is perfect for mounting on the cage railing. The camera has a powerful zoom lens that delivers very good image quality with high light sensitivity: 1080p(full HD), 30x optical, 12x digital zoom, IP68.
6	ORBIT-V-6002SS Multiwinch	IP67. Lifting underwater camera up and down.
7	PSU 578SS	IP67. Using for 1 analog camera system(1 analog underwater camera, 1 surface camera or 1 dome camera), sending picture by wireless system.
8	PSU 520SS	IP67. Using for 1 digital camera system(1 digital underwater camera, 1 surface camera or 1 dome camera), sending picture by fiber system.
9	PSU 548SS	IP67. Using for 4 analog camera system(4 analog underwater camera, 1 surface camera or 1 dome camera), sending picture by fiber system
10	PLC / IO feeding cabinet	Using control for feeding system; with smart PLC device(PLC cabinet); 1 cabinet can control 2 lines, 2 selector valves.
12	Server cabinet	Control all systems on the barge: camera, automation, feeding, filter, silo hatch...
13	Camera cable	Connect underwater cameras to PSU boxes, sending video and control signal, IP 69
14	Fiber cable	Connect PSU boxes to IP receiver cabinet, sending video and control signal



Production Engineering

- Integrate new ideas for production improvements.
- Lean production projects.
- Investigate product and production related claims.
- Improvements in all production departments in all categories to improve quality and effectivity with minimal investments and maximal return of investments.
- Solving technical problems related to our products, production and repairing our own machines and production equipment.
- Improving our products by using new technology and investigate in new prototypes and materials.

