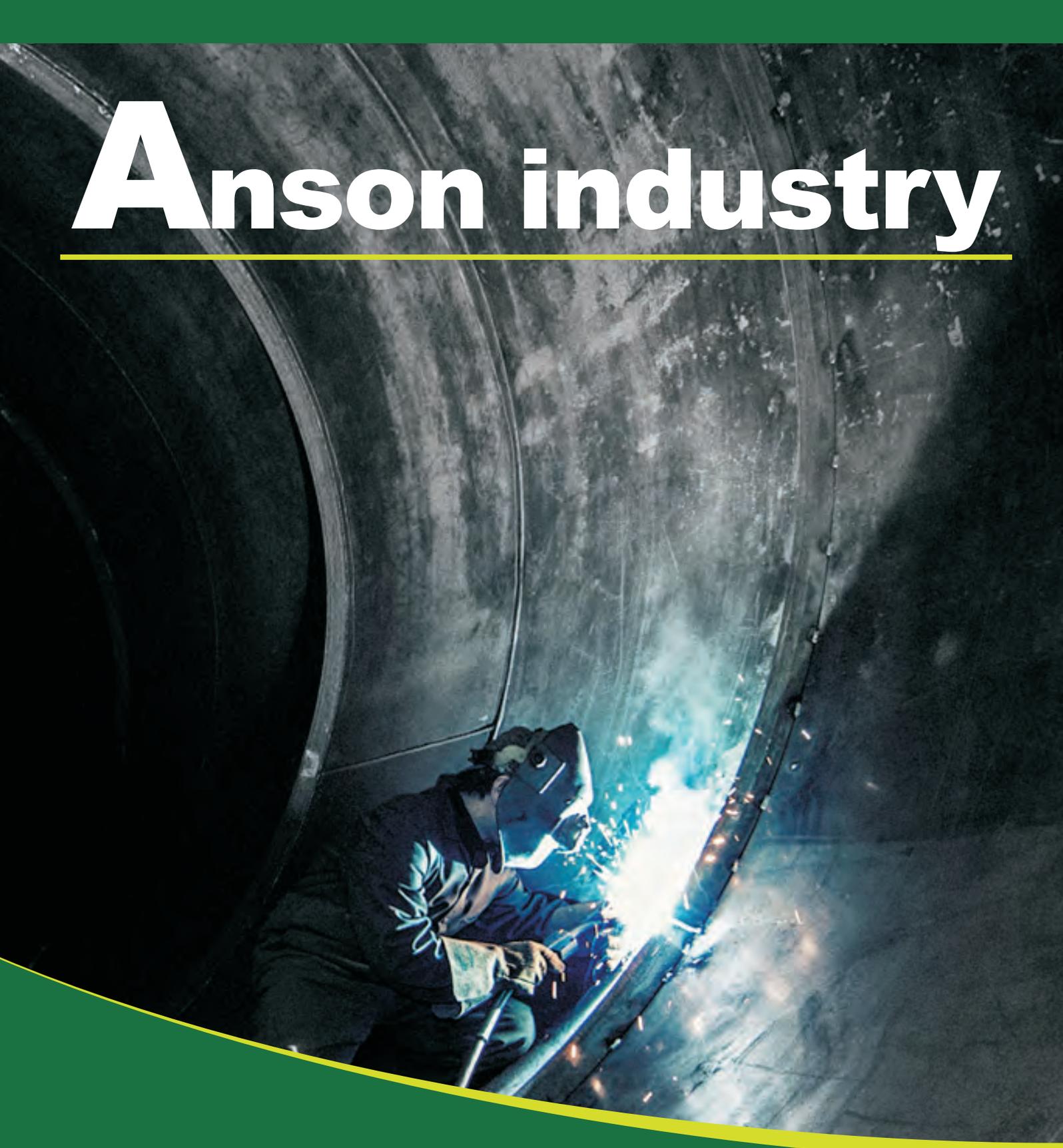


Anson industry



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ANSON

Tianjin Anson International Co. Ltd belongs to China united equipment group, funded in 1968, along with the group company affiliated to the state-owned assets supervision and administration commission of the state council. In 2005, ANSON restructured with China building material group. In 2006, according to the group to build "industry, science and technology, complete sets of equipment and logistics trade" four basic thoughts of the business sector, ANSON integrated internal technology research and equipment manufacturing resources, invested 350 million RMB, built domestic leading level and large scale of new type of machinery and equipment manufacturing base consisted of steel tank manufacturing equipment, precision CNC measuring equipment, pressure vessel equipment, etc. In 2010, ANSON successfully completed relocation and transform, started a new journey.

The company covers an area of 140,000 square meters, with 200 square meters workshop area and more than 800 sets of production equipment, 30% of which for large equipment. Our processing capacity includes maximum rolled plate thickness of 100 mm, maximum processing diameter of 10 meters, maximum processing length of 22 meters, and maximum lifting capacity of 200 tons. We have one, two, three types of pressure vessel, vacuum and atmospheric pressure container and other non-standard equipment design and manufacturing qualifications. With composite panels, dual phase steel, titanium and other non-ferrous metal welding production ability, ANSON can reach annual output of 20000 tons, and annual output value of nearly 500 million RMB.

Tianjin Anson International Co. Ltd, successfully passed the ASME pressure vessel Certification Review.

On April 6, 2015 to April 7, ASME was authorized to represent AIS and AI joint inspection group to Tianjin Anson Co., Ltd. for joint review on ASME pressure vessel evidence. ASME specifications include the quality management system documents, design documents, materials, test, production, welding, heat treatment, nondestructive flaw detection, inspection, test, measurement equipment, inconsistent product control, field manufacturing, etc, a total of 16 links. After 2 days' scrutiny by the joint inspection group, the company won the consensus from the ASME joint inspection group, successfully passed the certification audit.



ANSON efforts to develop overseas market

On October 20, 2014 to October 28, ANSON participated in Arabia Africa paper and papermaking equipment exhibition held in Cairo, Egypt, in north Africa. During the show, our leader had talks with Egypt's expert panel includes the environment minister, the military representatives, and the environmental experts. The two sides conducted in-depth exchanges on the cooperation intention for many times, got high attention from the Egyptian and a series of problems caused by local traditions. In addition, the two sides also reached a consensus to widely develop Arab and African market.



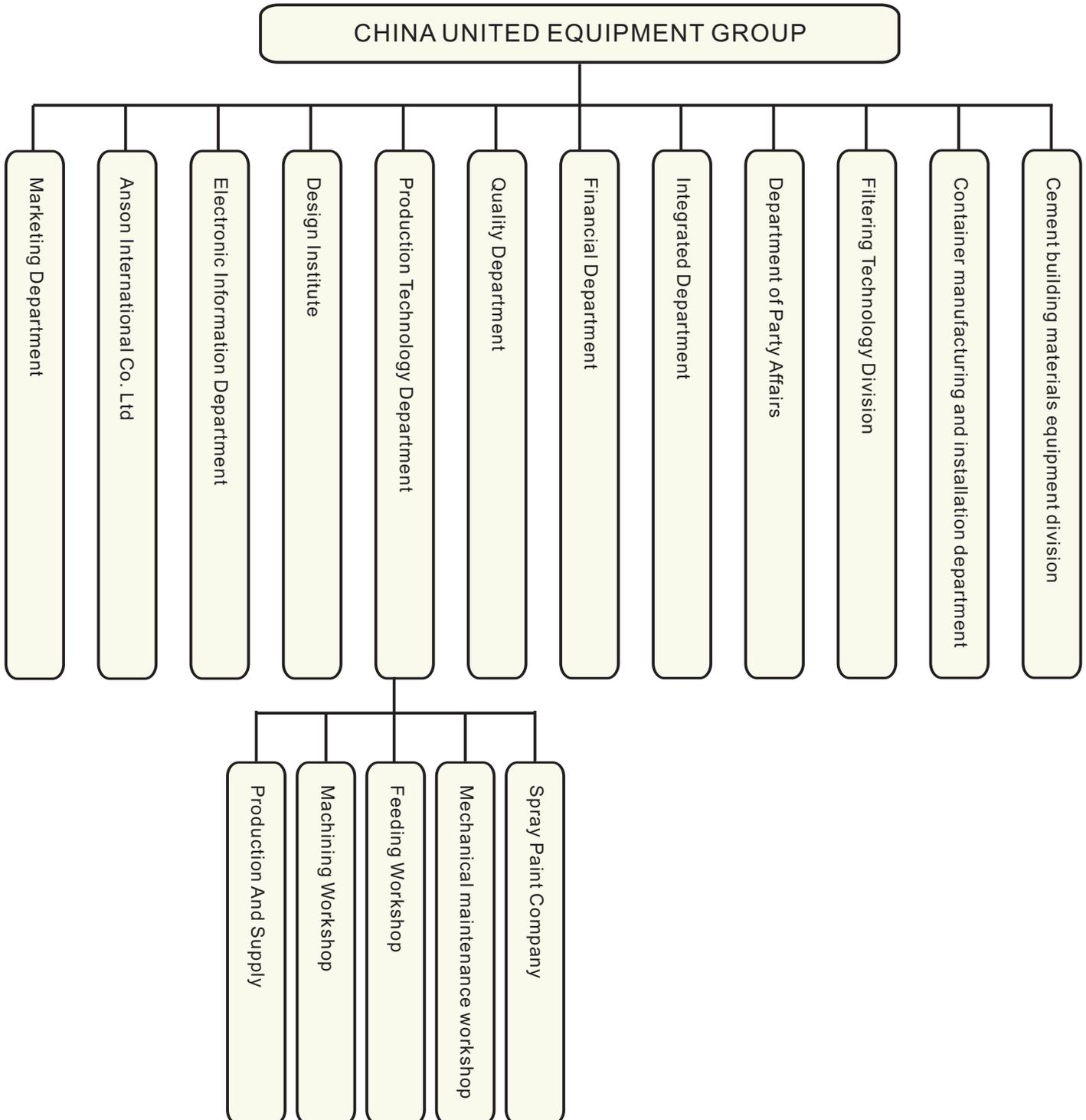
ANSON signed a Bangladesh agency agreement

On December 17, 2014 to December 19, Mr. RezaulKarim from Bangladesh came to Anson for field study, Mr. RezaulKarim has visited the workshop production site, the technical centre, the Institute of Design, the quality department, also visited our company's equipments running situation at the scene. Mr. RezaulKarim design capabilities of our company's production and equipment operation. He gave great recognition for our Production design capability and equipment running status, also had full confidence on our company's equipments to promote in the Bangladesh market. After careful negotiation, the two sides have signed the agency agreement



China United Equipment Group is founded in 1968, so far has been built "industry, technology, complete sets of equipment and logistics trade" as the basic ideas of the four business segments. In order to better serve these four business segments, we have creatively built a set of organization system for our own situation. We believe that "Efficiency source in management, management source in innovation."

As one of the most important part of the group, ANSON will play a positive role, make our own contribution to the development of the group. We believe in the efforts of all departments, the group's future will be better and better.



CNC Bending Machine

1. Steel welding construction, through vibration ageing or anneal with sufficient strength can get rigidity and high accuracy.
2. With advanced hydraulic system, the machine have a good reliability.
3. It generally uses precision sliding rail to eliminate the gap between the guide rail for high shear.
4. Electric back gauge, manual adjustment, digital display.
5. Blade gap can be adjusted by the handle, the scale value is displayed, rapid, accurate and convenient.
6. Rectangular blade, four blade can be used for long service life. Shear angle can be adjusted to reduce sheet metal distortion.
7. Using the tool carrier within the dumping bodies to facilitate loading materials, and to improve accuracy



Parameter :

Number	Parameter Name	Figure	Unit	Note
1	Maximum shear plate thickness	12	mm	$\sigma \leq 450\text{N/mm}^2$
2	Maximum shear plate width	16000	mm	
3	Throat Depth	450	mm	
4	The shear angle	0.5-2.5	°	
5	Blade gap	0.08-1.6	mm	
6	Number of stroke	5-15	1/min	Include the smallest block trip
7	Upper turret maximum stroke	400	Mm	
8	Maximum shearing force	620	kN	
9	Maximum press force	535	kN	
10	Maximum working pressure	25	MPa	
11	Block range of back gauge	10-1000	Mm	

Three-roller plate rolling machine

1. Ultra high manufacturing precision.
2. Unique bending process, high-precision end pre bending, continuous bending without angle, numerical control bending process.
3. Man-machine dialog control interface, efficient and intelligent operation.
4. Physical bending process software, man-machine dialogue window, bending process compensated automatically. Single operation, efficient , safe and convenient.
5. Rich curved shapes.
6. With different rolling shapes like O type, U type, and multistage R type.



Parameter

Maximum thickness	140mm
Maximum width	3200mm

Gantry Crane

The 32/5T double trolley gantry crane can lift and transport huge material. The gantry crane provides a working span of 25meters and 80m traveling length. This crane is used for material load and unload, turnover of big steel piece.

Parameter

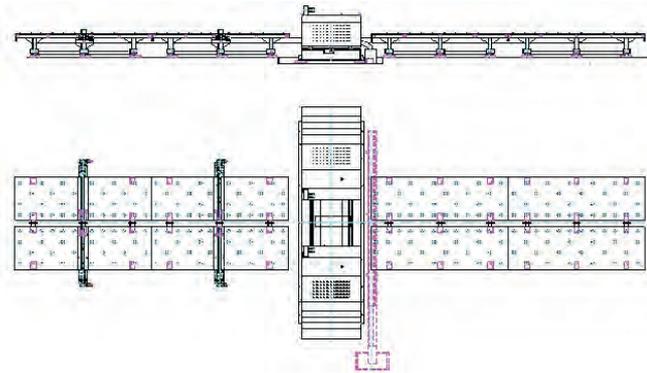
Main lifting weight	32T
Deputy lifting weight	5T
Lifting height	8m-50m



CNC bilateral & double groove forming machine

CNC bilateral & double groove forming machine is directly for Bilateral sheet (two parallel edges), double-sided sheet (above and below), it is a specialized automatic molding groove equipment.

1. High efficiency . 12-16 times higher than the traditional groove equipment.
2. Low consumption. The whole machine is equipped with 1/5 of the traditional equipment and 1/8 cost.
3. Less employee. Loading, centring, location, feed, discharging, are all can achieve digital control.



Bevelling Machine



Material Size

Max length	17000mm
Width	500-1000mm
Thickness	6-20mm

Parameter

Straightness	$\pm 0.5/10000$
Groove angle	15°-60° (willfully adjust)
Maximum machining groove side length	46 mm

Hydraulic Press

The hydraulic press machine is able to handle steel plate over 200mm thickness. And form the plate in required shape, applicable for metal material to stretching, bending, flanging, cold extrusion, cutting, etc, also applies to calibration, pressure fitting, pulverulent product, abrasive products for pressure molding and plastic products pressure molding.

Head is the end shield on the storage tank and pressure vessel, is one of the main pressure components. The quality of the head is directly related to the long-term safe and reliable operation of the storage tank and pressure vessel. The machine working pressure, pressing speed and stroke can be adjusted within the specified parameter range, greatly improved the quality of containers.



Parameter

Cylinder maximum output force	15T
Maximum Pressure	1000T

CNC Plasma Cutter

This cutter has a high speed and high precision, it was able to implement vertical cutting without slag , approximate laser cutting.

1. Overall welding, artificial ageing bed body
2. Strong, non-deformation, good rigidity
3. Industrial grade ARMT processing chip
4. 7 inch color LCD screen display
5. Driven by servomotor

Parameter

Maximum cutting thickness	100 mm
Maximum cutting table	3100*12000 mm

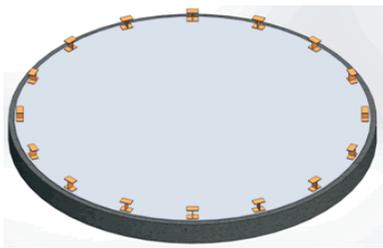


Oil tank area and vessel building

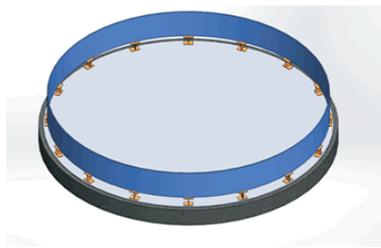
In 2010-2013, ANSON constructed to design and install the oil tank area for the Garner power plant. The project includes 30000 cubic meters, 7500 cubic meters, 3000 cubic meters, 2000 cubic meters oil tanks, and other series of large oil tank's design and installation. The project was successfully completed within three years as designed, and we received high praise from the local government for the excellent quality. At the same time, as a key oversea project, we keep good relationship with local government and people. Although we are in a foreign country, we overcame all kinds of difficulties build the project with high quality and on schedule.



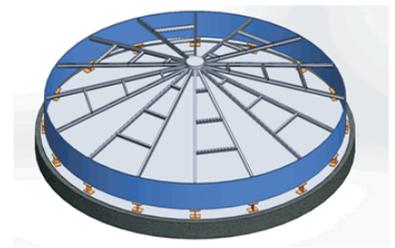
Main construction steps:



1. The Group welded plate location of tank's base plate



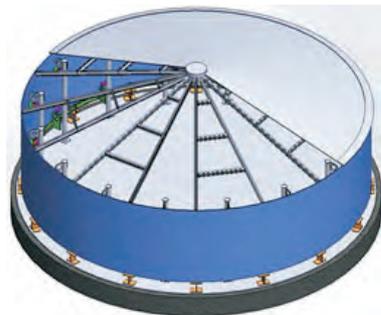
2. Weld the top circle of the tank



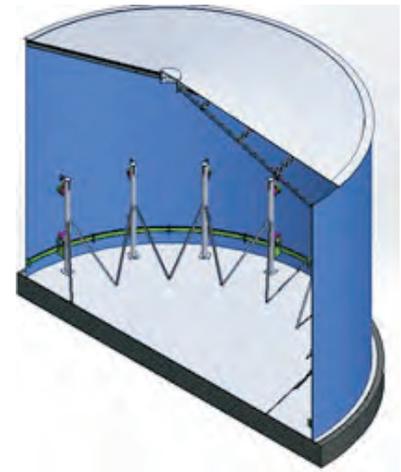
3. Install (assemble) and weld the truss of conic node



4. Install lifting device of tank, including upright column, electronic chain hoist, piston ring, lifting eye, and so on



5. The electronic chain hoist pulls up, leading the tank rise, to rise the wallboard.



6. Repeat promotion, until complete welding each rib band.

Mechanical Processing parts

For auto parts, together with our project manager Jerry, our Singapore client and engineer from motorcar company come to visit to our processing mill in January. In the workshop, they inspect the rolled and cut steel plates as per drawings. Meanwhile, they express the satisfaction with our industrious and professional workers, decided to sign a long-term cooperation with ANSON for 100,00 auto parts each year.

In order to meet customer's demand, play our steel trade advantages, ANSON started to process mechanical parts as early as the company was established. We do the work that save time and money for the customer. For example, a car contains hundreds of parts, we will divide them into different kinds to process and control the quality separately. This can not only guarantee the quality, but also won't affect the schedule of other parts when there is an unqualified parts.

When we cut steel plate for large parts, there will be some leftover material whose quality is as same as the larger but the price is very low, and their size is suitable for small parts. Because of the fixed long-term relationship with steel mill, we will benefit from the material price and so does our client.

This is why ANSON can provide our customer a high quality but low investment product.

It is the sake that consider for customers all the time that we won our customers' trust. Through decades of development, Anson is now able to export 100,000 pieces of mechanical parts per year, our mechanical parts processing business has spread all over the world, especially South America and Africa. We also have a long-term relationship with our Nigeria customer, South Africa customer, Garner customer, etc, contribute to the development of these regions!



Steel construction

Steel structure building is using more and more in modern construction. It is light, rigid and reliable. Also the high strength and diversity in material set very few limits to the designer. Anson industry have been in steel structure for years and able to provide the construction solution like steel beam workshop, truss frame roof system, membrane structure, curtain wall structure and light steel frame house.

Before get close to the projects we'd like to show the fine material that to build the structure.



The cold rolled keel welded together to form the shield of train station



Connection ball with bolts hole for truss frame.



Connection kits for glass curtain wall.



Weather resistance Al-Mg-Mn panel for structure roof.



← Steel frame for railway station

Light steel warm house for flower →



← Curtain wall for construction site



Portable sandwich panel house for construction workers. →



Performance table

The name of the product	Client	Scale	Quality
Diesel Storage Tank	Guangxi Guofa Co. , Ltd	10,000m ³	1
Diesel Storage Tank	Hunan Baoqing Co. , Ltd	5,000m ³	2
Lubricating Oil Storage Tank	Chongqing Liwen Co. , Ltd	8,000m ³	1
Lubricating Oil Storage Tank	Fujian Qingshan Co. , Ltd	3,000m ³	3
Crude Oil Storage Tank	Sichuan Wenchuan Co. , Ltd	30,000m ³	2
Floating Roof Oil Storage Tank	Yunnan NingliangCo. , Ltd	5,000m ³	3
Fire Protection Tank	Yunnan Diqing Co. , Ltd	2T	5
Fire Protection Tank	Hunan Luanjiang Co. , Ltd	2T	8
Horizontal Water Storage Tank	Sichuan Xinjihong Co. , Ltd	3T	1
LNG Storage Tank	Rizhao Huatai Co. , Ltd	5T	2
LNG Storage Tank	Shandong Bohui Co. , Ltd	5T	2
Liquid Ammonia Tank	Chongqing Liwen Co. , Ltd	10T	1
LPG Storage Tank	Fujian Qingshan Co. , Ltd	5T	5
LPG Storage Tank	Shandong Jining Co. , Ltd	5T	2
Steel structure workshop	Taige paper industry Co. , Ltd	12000m ²	1
Steel structure workshop	Henan Coal Chemical Industry Group Co., Ltd.	9000m ²	1
Truck beam	Panus trail Thailand Co., Ltd	5000 pieces	2 years