



ASTM A517 GRADE P steel work/steel structure/steel machining parts

Katalor enterprises own a big fabrication plant in Shanghai. In the plant, we have whole set of processing equipment to process ASTM A517 GRADE P steel plate, such as welding, drilling, edge milling, bending, all of our products are different kinds of steel work/steel structure/steel machining parts, which may be used in pressure vessel, boiler, gas holder, tank, and so on.

The maximum thickness of ASTM A517 GRADE P steel plate is 100mm, it is a killed steel, all specification meet with the requirement in ASTM A20/A20M.

The chemical composition of ASTM A517 GRADE P steel plate (heat analysis)

Grade	C	Mn	P max	S max	Si	Ni
Grade P	0.12–0.21	0.45–0.70	0.025	0.025	0.20–0.35	1.20–1.50
Grade	Cr	Mo	B	Ti		
Grade P	0.85–1.20	0.45–0.60	0.001– 0.005	0.10 max		

The mechanical property of ASTM A517 GRADE P steel plate

Grade	Tensile strength		Yield strength min		Elongation min
	≤2.5in.	>2.5in.-6in.	≤2.5in.	>2.5in.-6in.	2in.



	ksi	Mpa	ksi	Mpa	ksi	Mpa	ksi	Mpa	≤2.5in.	>2.5in.-6in.
GRADE P	115-135	795-930	105-135	725-930	100	690	90	620	16	14

Katalor ASTM A517 GRADE P steel plate will be delivered in condition of quenching and tempering. If customer do not ask for the heat treatment, the steel plate will be delivered in stress relieved condition.

Our processing equipment include automatic arc-submerging welder, edge milling machine, digital display borer, CNC double-column vertical turning & boring mill, On roller universal three roller plate bending machine, Grinding ring machine, flame cutting machine, 5000 tons pressing machine, 5 m x 10 m large heat treatment furnace, Box column (beam) welding production line, and so on.

Our inspection equipment include x-ray crack detection room, x ray generator, type 435 industrial washing machine.

We can supply ASTM A517 GRADE P steelwork, steel structure, steel machining parts, all of the product are exactly as customer's design, we can control the precision as customer's requirement, you will be satisfied to us.



Shanghai Katalor Enterprises
ONCE BELIEVE, TRUST FOREVER!

Email: info@katalor.com

Tel: 0086-21-61182423



Shanghai Katalor Enterprises Co., Ltd located in Shanghai of China, is specialized in manufacturing and exporting steel and casting products. Based on the domestic rich product resources and professional research on the international market, Katalor's service has already spread to many countries in Europe, America, Southeast Asia, Middle East, South America, Africa, and so on.

Contact US:

Phone: 0086-18317160019

TEL: 0086-21-61182423

Fax: 0086-21-61182425

E-mail: info@katalor.com

Skype: shanghai.katalor

Address : Room 301, Unit 6, Lane 2500, Xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai

Office Address: Room 301, Unit 6, Lane 2500, Xiupu Road, Kangqiao Industrial Area, Pudong New District, Shanghai