



JIS G3103 SB450M steel work/steel structure/steel machining parts

JIS G3103 SB450M is a kind of alloy steel plate used for boilers and other pressure vessels, it also was called SB 46M in the past, and the thickness of JIS G3103 SB450M steel plate range from 6mm to 150mm.

The chemical composition of JIS G3103 SB450M steelwork, steel structure, steel machining parts

Grade	C max		Si	Mn max	P max	S max	Mo
SB 450M	t ≤ 25mm	0.18	0.15 - 0.40	0.90	0.030	0.030	0.45- 0.60
	25 ≤ t < 50mm	0.21					
	50 ≤ t < 100mm	0.23					
	100 ≤ t < 150mm	0.25					

The mechanical property of JIS G3103 SB450M steelwork, steel structure, steel machining parts

Grade	Tensile strength	Yield strength min	Elongation % min
SB 450M	450-590	255	19

The shape, dimension, mass and tolerances will comply with JIS G3193.



Heat treatment: when thickness is 38mm or under, as rolled is the common delivery condition. When thickness large than 38mm, the steel plate should be normalizing.

Katalor Enterprises have large quantities JIS G3103 SB450M steel plate in stock, we can do fast delivery. If you need simple pretreatment for the steel plate, we also can do that for you, we can supply JIS G3103 SB450M steelwork, steel structure, steel machining part. If you have this kind of demands, please send us your inquiry.

We have many processing equipment in our fabrication plant, such as automatic arc-submerging welder, Dc manual arc welding machine, radial drill, Argon arc welding machine, edge milling machine, digital display borer, CNC double-column vertical turning & boring mill, CNC floor-type sharp boring machine, CNC gantry milling, cross submerged arc welding machine, On roller universal three roller plate bending machine, Grinding ring machine, flame cutting machine, 5000 tons pressing machine, 1000 tons of four-column hydraulic machine, 5 m x 10 m large heat treatment furnace, 3 m x 4 m big shot blasting machine, H-beam assembling machine, H-beam welding production line, Box column (beam) welding production line.

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

Processing items: welding, drilling, edge milling, cutting, bending, heat treatment, shot blasting.

If you have demands for JIS G3103 SB450M steel work/steel structure/steel machining parts, please send us your drawing, we will make the drawing a real product.



Shanghai Katalor Enterprises

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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.

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