

Effective for industrial buildings and facilities

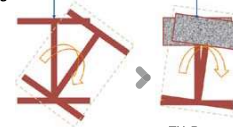
TH Beam

Tubed-H Composite Beam



Characteristics/Merits

Tensional stiffness (J) of TH beam is 10 times higher than Rolled-H beam



TH-Beam

H beam in terms of top flange's composite action.



Crane girders using TH beam shows 40% weight reduction than those with Rolled-H beam in terms of top flange's composite action.



Saving cost by 30% on roof structure compared to PEB type.

Specifications (mm)

(B) (A)	9.0	9.5	10.0	10.5	11.0	11.5	12.0
20.0	TH-582x300x8x14	TH-582x300x8x17	TH-582x300x8x17	TH-582x300x8x17	TH-582x300x8x17	TH-582x300x8x17	TH-582x300x8x17
22.0	TH-582x300x8x17	TH-582x300x8x17	TH-582x300x8x17	TH-582x300x8x17	TH-582x300x8x17	TH-582x300x8x17	TH-582x300x8x17
24.0	TH-588x300x8x14	TH-588x300x8x16	TH-588x300x8x16	TH-588x300x8x16	TH-588x300x8x16	TH-588x300x8x16	TH-588x300x8x16
26.0	TH-688x300x8x16	TH-688x300x8x16	TH-688x300x8x18	TH-700x300x8x14	TH-700x300x8x14	TH-700x300x8x16	TH-700x300x8x16
28.0	TH-700x300x8x16	TH-700x300x8x17	TH-700x300x8x17	TH-700x300x8x18	TH-700x300x8x18	TH-700x300x8x16	TH-700x300x8x16
30.0	TH-792x300x8x16	TH-792x300x8x16	TH-792x300x8x16	TH-792x300x8x16	TH-792x300x8x16	TH-792x300x8x16	TH-792x300x8x16
32.0	TH-800x300x8x16	TH-800x300x8x17	TH-800x300x8x17	TH-800x300x8x18	TH-800x300x8x16	TH-800x300x8x16	TH-800x300x8x16
34.0	TH-900x300x8x16	TH-900x300x8x17	TH-900x300x8x17	TH-900x300x8x18	TH-900x300x8x16	TH-900x300x8x16	TH-900x300x8x16
36.0	TH-1000x300x10x16	TH-1000x300x10x17	TH-1000x300x10x17	TH-1000x300x10x18	TH-1000x300x10x16	TH-1000x300x10x16	TH-1000x300x10x16
38.0	TH-1100x300x10x16	TH-1100x300x10x17	TH-1100x300x10x17	TH-1100x300x10x18	TH-1100x300x10x15	TH-1100x300x10x16	TH-1100x300x10x16
40.0	TH-1200x300x10x16	TH-1200x300x10x17	TH-1200x300x10x17	TH-1200x300x10x18	TH-1200x300x10x16	TH-1200x300x10x16	TH-1200x300x10x16
42.0	TH-1250x300x10x16	TH-1250x300x10x16	TH-1250x300x10x17	TH-1250x300x10x18	TH-1300x300x10x18	TH-1300x300x10x20	TH-1300x300x10x20
44.0	TH-1300x300x10x20	TH-1300x300x10x21	TH-1300x300x10x22	TH-1300x300x10x23	TH-1400x300x10x20	TH-1400x300x10x20	TH-1400x300x10x20
46.0	TH-1400x300x10x20	TH-1400x300x10x21	TH-1400x300x10x22	TH-1400x300x10x23	TH-1500x300x10x20	TH-1500x300x10x20	TH-1500x300x10x20
48.0	TH-1500x300x10x20	TH-1500x300x10x21	TH-1500x300x10x22	TH-1500x300x10x23	TH-1600x300x10x20	TH-1600x300x10x20	TH-1600x300x10x20
50.0	TH-1600x300x10x20	TH-1600x300x10x21	TH-1600x300x10x22	TH-1600x300x10x23	TH-1700x300x10x20	TH-1700x300x10x20	TH-1700x300x10x20

column space / span length

Applications



Warehouse



Station



Distribution Center



Steel factory



Site facility



Factory

Technology

Building structural element for beam and girder using hot-rolled steel plate and concrete. Welded Built-up H shape with top flange of concrete-filled steel tube is effective for horizontal structural components under heavy loads such as cranes.

