

Profiles for ore extraction



Tailored beam

custom drawings. The majority has to be made of stainless steel 316Ti, while one section is of mild steel S355.

The supply length is of standard 6m lengths that are cut to measure on site in Indonesia.

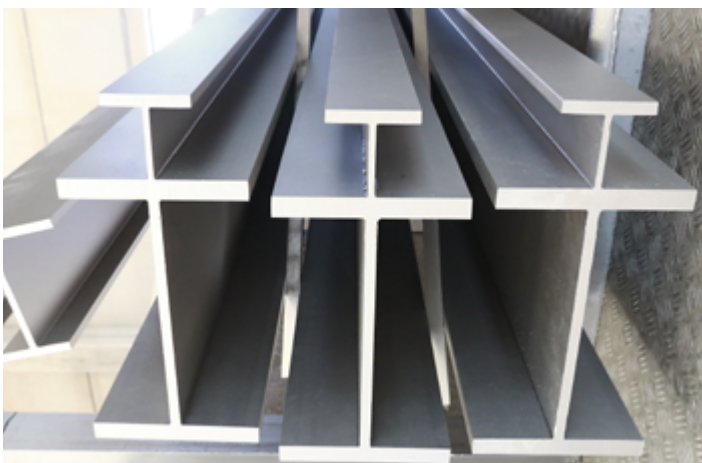
The sections are:

316Ti

| | | |
|-----------------|---------|---------|
| H-100x55x6x12/6 | 70 bars | 5000 kg |
| WB300 | 15 bars | 8300 kg |
| IPE160 special | 6 bars | 1000 kg |
| WB150 | 3 bars | 600 kg |
| WB150A | 1 bar | 160 kg |

S355J2

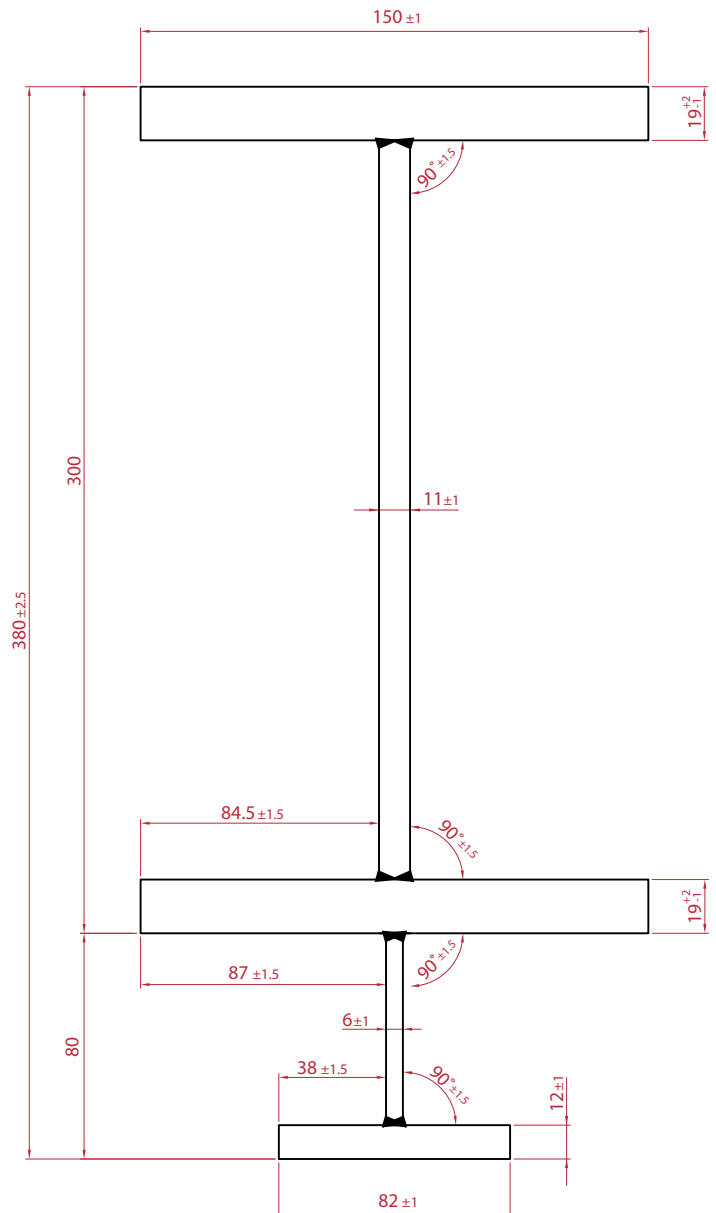
| | | |
|-----------------|---------|---------|
| H-100x55x6x6/12 | 60 bars | 4250 Kg |
|-----------------|---------|---------|



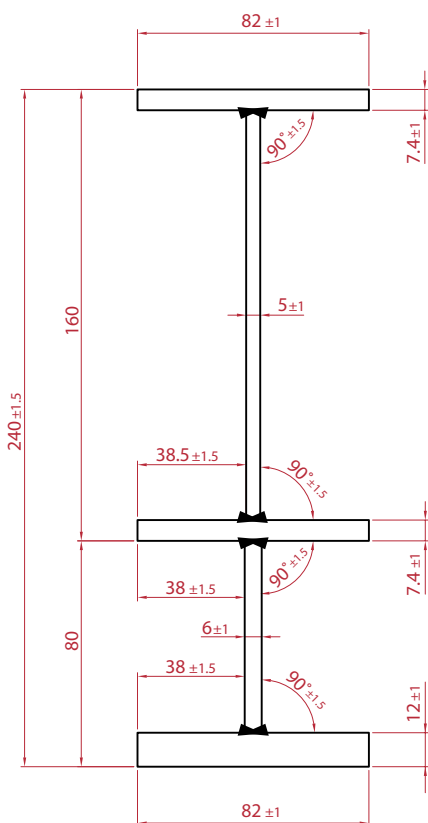
| | |
|-------------------------|--|
| Profile: | <i>Sp. tailored beams & sections</i> |
| Material grade: | <i>316Ti & S355J2</i> |
| Execution: | <i>laser fused</i> |
| Industry served: | <i>Mining & Quarrying</i> |
| Destination: | <i>Indonesia</i> |

One of the world leading companies active in the mining and quarrying industry requires several special tailored sections both in stainless steel and in carbon steel for their operations in Indonesia.

The requested profiles are special sections made upon



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The special sections are installed as technological component and as support of the roof of the smelting furnace.

This is an important part of the ore quarrying process.

All material is laser welded according to the American Standard ASTM A1069, whereas all welding procedures and qualifications are according to the European Norms.

The section's tolerances raised in the mutual agreements with the customer's engineering department and Montanstahl's production department.



The result are several high end structural sections manufactured according to the customer's specific requirements.

