

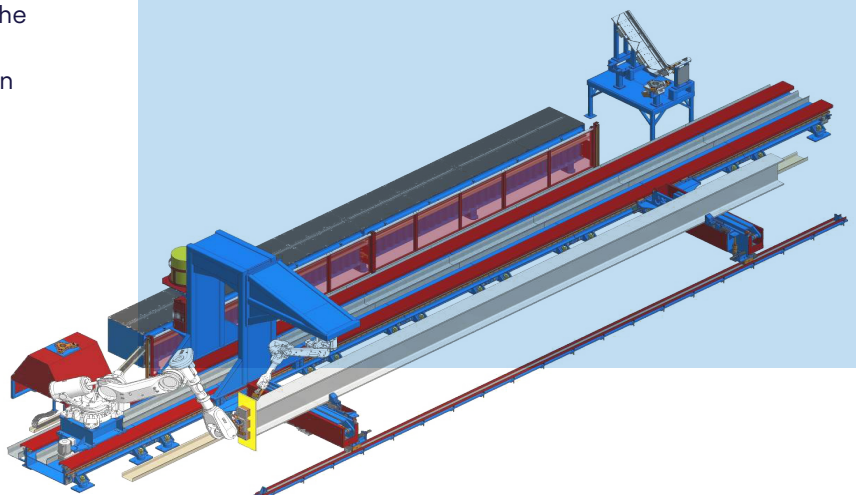


SBA SR-Compact 760

- Highest efficiency on smallest possible footprint
- employs one welding robot capable of performing both tack welds and full finish welds
- handling robot places and turns add parts to ensure correct position on the main profile
- integrated profile turning devices rotate the main profile for welding all sides of the material workpiece from an ideal position
- after assembly; the finished structure is ready for painting and requires no major quality check
- main profile capacity of 760 mm wide and 12/15/18 M long; maximum add part weight of 200KG

Standard Features

- Laser scanning system
- Handling robot
- Welding robot
- integrated profile turning devices





SBA SR-Compact 760 Capabilities

- Assemble
- Tack Weld
- Full Weld

Acceptable Material Types

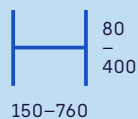
- Beam
- Tube (rectangular)
- Channel
- Angle
- Plate

Machine Specifications

Type of Welding	MAG
Welding Wire	G3Si1
Single-layer Welding Seam Sizes	α3 – α6
Multi-layer Welding Seam Sizes	α8 – α15
Overall Machine Length	24200mm [27200mm] [30200mm]
Overall Machine Width	8200mm
Overall Machine Height	4500mm
Material Processing	4 Sides
Scanning Speed	250mm per second

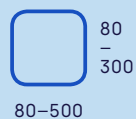
Acceptable Material Dimensions [MAIN PROFILE]

BEAM



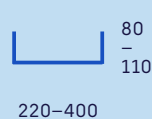
150–760

TUBE



80–500

CHANNEL



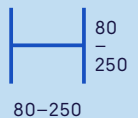
220–400

* Maximum material weight of 5.000 kg.

* Maximum material length of 12 m [15 m] [18 m]

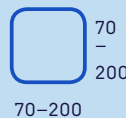
Acceptable Material Dimensions [ADD PART]

BEAM



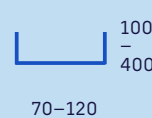
80–250

TUBE



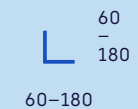
70–200

CHANNEL



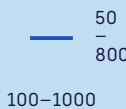
70–120

ANGLE



60–180

PLATE



100–1000

* Maximum material weight per add part of 200 kg.

* Maximum material length per add part of 1.000 mm