

Data Sheet

Reference 44196
No.:

Tube Welding Line

Brand: ABBEY
Model:
YoM, approx.: 2001 used
Reconditioned:
Controls: ПЛК - программируемый логический контроллер SIEMENS



Feedstock Steel Strip

sheet width max.:	221 mm
sheet width min.:	58 mm
sheet thickness max.:	8 mm
sheet thickness min.:	1 mm
exterior coil diameter max.:	2100 mm
exterior coil diameter min.:	1600 mm
internal coil diameter max.:	610 mm
internal coil diameter min.:	508 mm
coil weight max.:	6000 kg

Product (profile, tube)

external diameter min.:	22 mm
external diameter max.:	65 mm
length min.:	4500 mm
length max.:	10000 mm

Line Characteristics

Forming Process: rollforming
welding process: HF inductive
sawing process: travelling
speed max.: 100 m/min
feedstock transport direction: left to right

Additional Information:

Line consists of:

- Band Preparation VAI-SEUTHE BV 200-8 (YoM 2001, Siemens S7-400)
- Welding Unit ABBEY (YoM 2001, Allen-Bradley)
- Hot Saw VAI-SEUTHE TS90-K11/W75 (YoM 2001, Siemens S7-300)
- FollowUp Processing VAI-SEUTHE ADJ65 (YoM 2001, Siemens S7-400)
- Process visualisation (Windows PC)

Line Specifications:

- max. yield strength: 600 N/mm²
- max. tensile strength: 800 N/mm²
- strand alignment: bottom-line

Strip Preparation VAI-SEUTHE BV 200-8

- incl. double decoiler, coil opener, straightening unit, strip shear, cross welding machine, annealing station, infeed driver, strip loop, outfeed driver and strip sling
- strip edge planer: 0 degrees, 5 degrees
- max. speed: 250 m/min (without straightener)
- max. speed: 200 m/min (with straightener)

Core Unit ABBEY(forming unit, welding machine and calibrating unit):

- incl. Ebbey Etna, VAI Seuthe RS65/8.0-100, Elotherm Eloweld 500
- Welding tube diameter ratio: 70:1 to 6:1
- max. HF power: 450 kW

Seller:

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Photos & Documents

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Übersicht Bandanlage



Schlaufe



Haspel



Schlaufensteuerung



Band Stoss schweissen



Übersicht Schweissanlage