

SR-110

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Technical Data

Main Features of the Slim Rod Puller SR-110

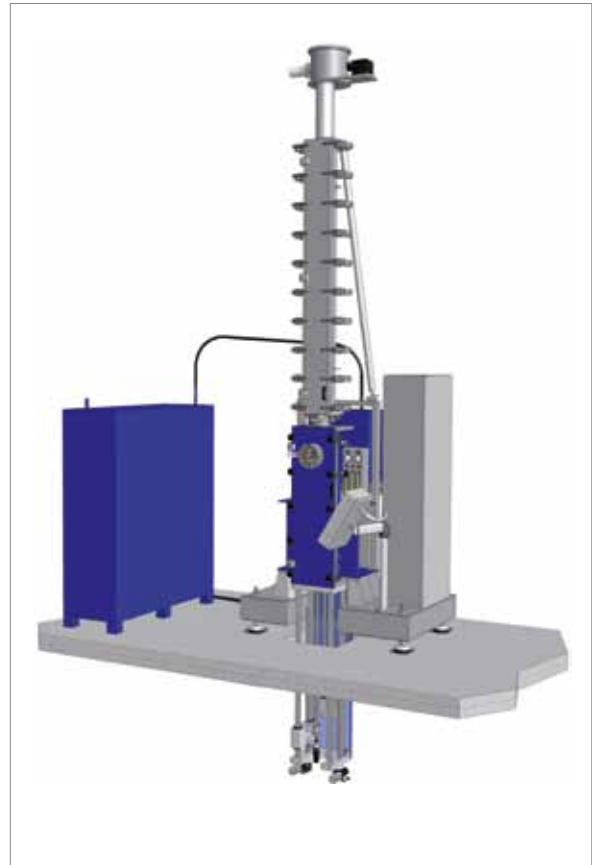
- Independent Dual rod pulling
- Pull lengths up to 3.2 meters
- Upper and lower chambers separated by a high vacuum gate valve which allows harvest of the slimrods without disturbing the melt on the source rods in the lower chamber.

RF-Generator

RF output power: 15 kW
 RF frequency: 2.8 MHz
 Power control: SCR-power thyristor triggered by pulse transformers
 Oscillator valve: water-cooled ceramic type ITK 15-2

The floor area required for the complete set-up including generator, closed loop cooling system, vacuum/gas system, control panel, operator's platform and computer station is approx. 3.5 x 3 meters.

Weight: approx. 5,600 kg (net)
 The weight includes the high frequency generator and control panel.



Cooling water

- Mechanically clean (mesh width 0.38 mm)
- Chemically neutral
- Inlet pressure 4 - 6 bar
- Carbonate hardness max. 8° DH
- Electrical conductivity max 300 µS
- Pressure at outlet max. 0.5 bar

FZ-system

Quantity: approx. 20 l/min
 Temp. Inlet: 12 - 25°C
 Temp. Outlet: max. 35°C

Generator

Quantity: approx. 25 l/min
 Temp. Inlet: 12 - 25°C
 Temp. Outlet: max. 35°C

Argon supply

Quantity: 18 l/min
 Quantity quick fill: 40 l/min
 Pressure: 5 - 10 Bar
 Quality: according to Semi standard C57-0305, grade 4.8

Rev. - Stand: 010