

SR-110

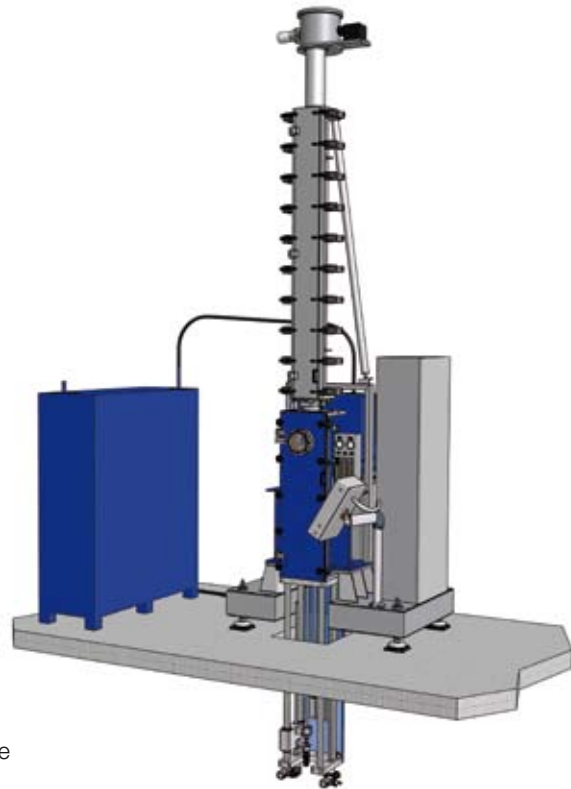
SR-110

Slim Rod Puller

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:	10 kW
RF frequency:	3 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. 5600 kg (net)
The weight includes the high frequency generator and control panel.

Cooling water

- Mechanically clean (mesh width 0.38 mm)
- Chemically neutral
- Carbonate hardness max. 8° DH
- Electrical conductivity max 300 µS

FZ-system

Quantity:	approx. 20 l/min
Pressure:	4-6 bar
Temp. Inlet:	12-25°C
Temp. Outlet:	max. 35°C

Generator

Quantity:	approx. 25 l/min
Pressure:	4-6 bar
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