

Schwartz roller hearth plate furnace PR2496, used



manufacturer : Schwartz

Product number:
PR2496

Description

Roller hearth plate furnace

Manufacturer	Schwartz
Type	GA1804
Design	
Year of manufacture	2014
Comment	heat treatment furnace for press hardening. Steel sheets made of 22MnB5 are heated to 935°C in the furnace (trade name Arcelor Usibor 1500)

Technical data

Circuit boards

Length max.	1,700 mm (one board / batch)
Length max.	2,200 mm (one board / batch)
Thickness max.	2.5 mm
Batch weight max.	20 kg

Technical data

Throughput capacity, max.	3,500 kg / h
Blanks for partial hardening Length max.	1,500 mm (one board / batch)

Heat treatment plant

Length	32,648 mm
Width	7,307 mm
Height	4,593 mm

Temperatures

Furnace temperature, max.	970 °C
Working temperature max.	950 °C
Material temperature required for Removal of blanks	930 °C - 950 °C

Roller hearth furnace

Number of heating zones	9 pieces
Length, approx	25,700 mm (heated section)
Width	2,300 mm
Height	100 mm

Furnace rollers

Material	55 ceramic solid rolls 172 ceramic hollow rollers Coated
Diameter of the ceramic rollers, approx.	80 mm
Roller pitch	120 mm

Delivery time	Feb. 2024
Price	on request

