

POLDI Hütte s.r.o. - production units

Pre-heating furnace

Fixed furnace with lifting door connected to the furnace and charge carrying bogie

Max charge weight:

60.000 kg

Useful charge dimension:

Length: 6.000 mm / 8.000 mm

Width: 3.200 mm

Height: 2.000 mm

Useful furnace inside dimension:

Length: 6.500 mm / 8.500 mm

Width: 4.000 mm

Height: 2.500 mm

Working temperature:

1.250°C (max temperature for short period - 3 hours - 1350°C)

Heating gradient:

80°C/h fro 600°C to 1.100°C

50°C/h from 1.100°C to 1.250°C

Number of burners:

6 radiant burners - unitary capacity 425.000 kcal/h each

Burners operate with 450 - 500°C preheated air,
automatic ignition, flame, control function.

Automatic temperature and ratio regulation.

Refractory lining:

Bogie hearth: 550 mm

Furnace walls: 500 mm

Roof: 300 mm

Door: 400 mm

Fume conduits abd reku casing: 250 mm



Group S.p.A.

