REHEATING & FORGING FURNACES

Slab Heating Furnace

Gas fired conveyor furnace that heats aluminium slabs evenly before hot rolling.



TEMPERATURE
Up to 650°C

HEATING
Gas (LPG/PNG/CNG); electric on request

INDUSTRIES
Aluminium rolling, circles and sheet, non-ferrous metals

Specifications

Conveyor	2 link chain conveyors, 600 mm width
Heating zone length	2,500 mm
Pass-through height	375 mm
Charging and discharging ends	500 mm each
Heating	LPG burner (PNG on request)
Maximum operating temperature	650°C
Drive	1 HP AC variable speed with gearbox
Control	PID with thyristor drive
Construction	4 mm MS sheet, 8 mm front plate
Insulation	150 mm ceramic fibre and mineral wool

Features

- Continuous heating in step with the rolling mill
- Variable conveyor speed for different slab sizes
- Automatic temperature control
- Heavy-duty chain conveyor
- Gas fired for low running cost
- Sized to your slab dimensions

Applications

- Aluminium slabs before hot rolling
- Aluminium blocks before forging or pressing
- Non-ferrous slabs and plates
- Pre-heating before rolling into circles and sheets
- Brass and copper slabs before hot rolling