

Forging Hydraulic Press SCHOLEMANN 6300 Ton



6300 TON HYDRAULIC FORGING PRESS

- MFG : SCHLOEMANN
- Year 1980
- Capacity : 6300 ton
- Water pressure 400 bar
- Stroke 900 mm
- Main cylinder diameter :1420mm
- Main cylinder height 4050mm
- 4 columns with 534 mm diameter and 10400mm height
- Distance between columns 2400x2600mm
- 2 return cylinders of 340mm diameters and 1478mm height
- 2 equilibrating cylinders with 280mm diameters and 1478mm height
- Front moving table

Hydraulic Press SCHOLEMANN 3150 Ton



3150 TONN HYDRAULIC PRESS FOR WHEEL CALIBRATING

- Manufacturing :SCHLOEMANN
- Year: 1980
- Force 2000 ton
- Water pressure 200 bar
- Stroke 760 mm
- Distance between columns 2400x2600mm
- Main cylinder diameter 1430 mm
- No of columns 4
- 2 return cylinders of 280mm dia
- 2 equilibrating cylinders 180mm dia
- Front moving table

Hot Wheel Rolling Machine SCHLOEMANN



SCHLOEMANN WHEEL ROLLING MILL FOR 1400 MM DIAMETER WHEELS

• Main pressure roll

- Diameter of the pressure roll 1650mm
- Main driving 120 KW DC motor with 0-120 rpm
- Reducer gear box with transmission rate 58/1
- Rotation of the pressure roll 0-20.6 rpm
- Peripheral speed 1.78 m/sec
- Pressure on wheel 123 to 200 bar

• Dish rolling rolls 2 pcs

- Rolls diameter 425mm
- Driving 2 DC motors of 320KW and max 500rpm
- Gear box reducer with rate 7.5/1
- Rotation of the dish rolls 0-66.7 rpm
- Peripheral speed 1.48m/sec
- Pressure on the wheel 69.2 to 200 bar

• Crown rolling rolls 2 pcs

- Rolls diameter 494/280 mm
- Motor 15KW; 750 rpm
- Pressing force 50 ton

• Guide rolls

- Diameter 360mm
- Driving free
- Pressing force 30.8 ton

- Design Capacity max 12000 wheel /month

- Realized production: 6000 wheels/month

• Equipment in the plant:

- Rotary reheating furnace with capacity 33 pieces/hour; equipped with charging and discharging machines
- Mechanical descaling
- 6300 ton hydraulic forging press
- Schloemann wheel rolling mill
- 3150 ton hydraulic press
- Heat treatment furnace
- Transport conveyors between equipments
- Over head cranes
- Space area of the plant 30m x 254m