

Machine Name : Hydraulic press

Brand : ANYANG

Machine Model : T31DYH-8

Stock No. : 811861

Ex-factory Date : 2010



Main Technical Parameters:

Clamping weight: 8,000 kg

Clamping torque: 150 kN·m

Minimum clamping bar size: 180 mm

Maximum clamping bar size: 1,000 mm

Configuration: 8-ton rotary manipulator

Main Press Parameters

Nominal force: 31.5 MN (Stepped pressure: 20 MN / 31.5 MN)

Working pressure: 25 MPa

Maximum stroke: 1,600 mm

Maximum daylight: 3,000 mm

Worktable Specifications

Table size: 4,800 × 2,000 mm

Maximum table sliding stroke: 2,000 mm

Table moving speed: 200 mm/s

Structural Dimensions

Column center distance: 3,200 × 1,600 mm

Maximum allowable eccentricity: 80 mm

Ram (Moving Beam) Performance

Rapid downward speed: 250 mm/s

Working downward speed: 50 mm/s

Return speed: 250 mm/s

Working strokes: 6–8 strokes/min

Fast forging strokes: 25–40 strokes/min

Cylinder Specifications

Main cylinder plunger diameter: 3 × Φ800 mm / Φ560 mm

Return cylinder plunger diameter: 2 × Φ250 mm

Forging Capacity

Maximum forging ingot:

Drawing-out: 45 t

Upsetting: 25 t

Motor Power

Main motor power: 1,320 kW

Configuration:

8-ton rotary manipulator

Dimensions & Weight:

Upper Crossbeam:

Weight: 34.544 tons

Dimensions: 4000 × 2400 × 1610 mm

Moving Crossbeam:

Weight: 25.345 tons

Dimensions: 4000 × 2400 × 1550 mm

Lower Crossbeam:

Weight: 40.42 tons

Dimensions: 4000 × 3200 × 1610 mm

Main Hydraulic Cylinder:

Weight: 22.3 tons

Dimensions: 3520 × 1360 × 1080 mm

Auxiliary Hydraulic Cylinders:

Quantity: 2

Unit Weight: 8.687 tons

Total Weight: 17.374 tons

Dimensions: 2100 × 900 × 850 mm

Return Section:

Quantity: 2

Unit Weight: 2.125 tons

Total Weight: 4.251 tons

Dimensions: 3600 × 400 × 400 mm

Column Section:

Quantity: 4

Unit Weight: 14.487 tons

Total Weight: 57.95 tons

Dimensions: 10000 × 350 × 350 mm

Moving Section:

Quantity: 4

Unit Weight: 10.59 tons

Total Weight: 42.37 tons

Dimensions: 50000 × 500 × 1000 mm

Quick Die Change Unit:

Dimensions: 1800 × 500 × 1500 mm

Liquid Replenishment Section:

Weight: 5.742 tons

Dimensions: 2000 × 1500 × 1000 mm

Foundation Section:

Quantity: 10

Total Weight: 6 tons

Guide Sleeve:

Weight: 1.12 tons

Guide Sleeve Cover:

Weight: 0.92 tons

Safety Platform:

Weight: 0.5 tons

Tooling:

Weight: 2 tons

Hydraulic Station (Detachable):

Weight: 45 tons

Dimensions: 14800 × 4500 × 2000 mm

Piping:

Weight: 5 tons

Electrical Section:

Weight: 2.5 tons

Main Body Weight: 276.639 tons

Total Weight: 329.139 tons



