

Machine Name : Four column hydraulic press

Brand : HONGKAI

Machine Model : 5000T

Stock No. : 4812667

Ex-factory Date : No Ex-factory date



Main Technical Parameters:

Pressing force: approximately 4,948 tons

Nominal Pressure: 30 MN

Hydraulic System Pressure: 36 MPa

Clear Opening: 5000 mm

Slider Stroke: 1600 mm

Distance Between Columns: 5000 × 2000 mm

Column Diameter: $\Phi 500$ mm

Main Cylinder Diameter: $\Phi 1400$ mm

Maximum Eccentric Load: 120 mm

Return Speed: 200 mm/s

Working Speed: 18–44 mm/s

Fast Approach Speed: 200 mm/s

Moving Worktable Size: 4800 × 1800 mm

Moving Worktable Speed: 200 mm/s

Moving Worktable Stroke: ± 1850 mm

Motor Power: 1125 kW

Above Ground Height: 11,000 mm

Hydraulic System: CNC-controlled hydraulic system

Hydraulic Medium: Anti-wear hydraulic oil YB-N46

Structural Description

Three-beam and four-column downward pressing structure

Main Components

Main Frame

Main Working Cylinder

Return/Lifting Cylinder

Guide Sleeve

Moving Worktable

Hydraulic CNC Control System

Electrical CNC Control System

Movable worktable: Equipped with a movable worktable for convenient die replacement and workpiece movement

Hydraulic station ambient temperature: 5–40°C

Oil cooling system: Cooling water tower to be provided by the buyer

Power supply: Three-phase four-wire system, 380V

Voltage fluctuation range: $\pm 10\%$ (280V $\pm 10\%$)

Total machine power: 1125 kW

Configuration:

One Chenhui material handling machine

One Chenhui manipulator (operation machine)





项 目	单 位	量 值
公称压力	MN	30
系统压力	MPa	36
净空距	mm	5000
滑块行程	mm	1600
立柱中心距	mm	5000×2000
立柱直径	mm	Φ 500
油缸直径	mm	Φ 1400
最大偏心率	mm	120
回程速度	mm/s	200
工作速度	mm/s	18-44
快下速度	mm/s	200
移动台尺寸	mm	4900×1800
移动台速度	mm/s	200
移动台行程	mm	±1850
电机功率	KW	1125
地面上高	mm	11000

4、机器结构概述

本机器为三梁四柱下压式结构，主要由机身、主工作缸、提升缸、

液压系统、电气控制系统等部分组成。通