

HST HVP-200Ton Hydraulic Vulcanization Press



Introduction

1. Frame/column

Use #45(S45C) round steel, ball blast rust cleaning, jolting to remove internal stress, and then move to machining workshop to processing, polishing.

2. Heating Platen

Double sizing rolling #Q235B(SS41) steel plate, normalizing treatment.

3. Up and down beam

Cast iron QT500(FCD), then process, ensure there's no deformation.

4. Oil cylinder

Oil cylinder adopts QT500-7 ductile iron, called FCD50 in Japan; piston adopts chilled hard alloy cast iron; seal adopt imported international quality sealing ring and dust proof ring, to ensure long working life.

5. Thermal Baffle

Adopts new type thermal baffle, pressure resistance $\geq 400 \text{ kg/cm}^2$, thermal conductivity 0.039 W/m.h , temperature resistance $220-250^\circ\text{C}$.

6. Hydraulic System

Oil pump adopts YB-D type vane pump, advantage is low noise, high flow capacity. Hydraulic valve adopts famous brand to ensure that the hydraulic system can keep the pressure drop no more than 10% in one hours time. There's no jam, no leak and the hydraulic system with auto pressure compensation function.

7. Electronics

Xinjie Brand PLC Russian Language, electronics CHNT or DELIXI brand. Work accurate and stable.

Specification

HST HVP-200Ton Hydraulic Vulcanization Press	
Item	Value
Closing Force, tons	200
Hydraulic System Pressure, MPa	20 ~ 21
Piston Stroke, mm	300
Maximum Platen Opening Height, mm	400 (180~400adjustable)
Heating Plate Dimensions, mm	600×600
Platen Movement Speed, mm/s	65 ~ 70
Maximum Heating Temperature (adjustable), °C	250, Heating to 200°C use 20~30 minutes
Preheating Function	Yes
Heating Plate Temperature Difference, °C	± 5
Temperature Control Accuracy, °C	± 1
Platen Parallelism, mm/m	0.15
Heater Power, kW	18
Heater Type	Heating Pipe
Hydraulic Pump Motor Power, kW	5.5
Hydraulic System Tank Capacity, liters	200
Logic Control Rack	Yes
Input/Output Devices	Russian
Vulcanization Time Adjustment Range, sec	0 ~ 99999

Pre-Pressing Count, pcs	0 ~ 999
Length (mm)	2000
Width (mm)	2300
Height (mm)	2000
Machine Weight, tons	3.5