

1. 120L TWO TANKS MIXER



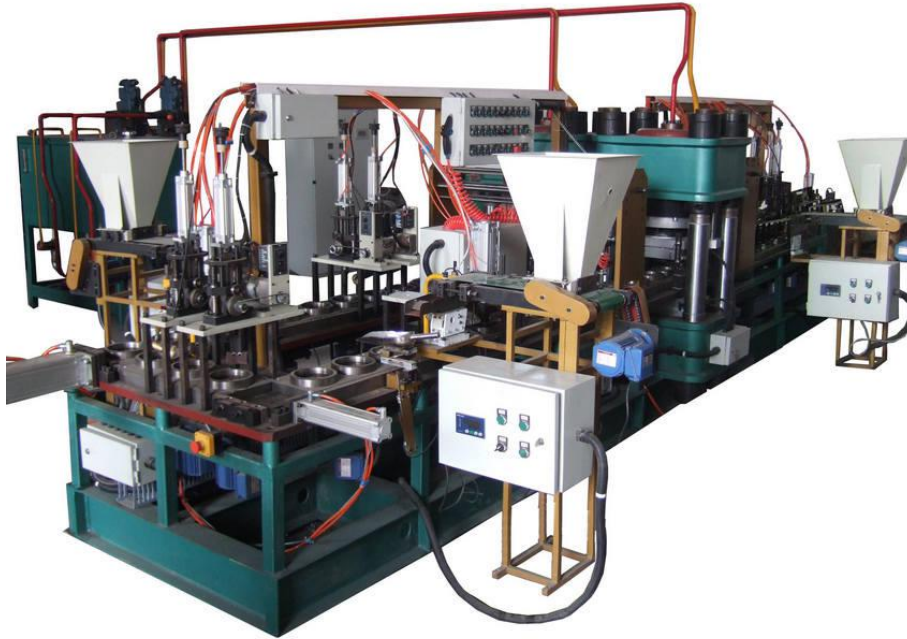
I Usage & Characteristics

1. It is used for mixing the materials of resin abrasive wheel (two tanks),also can mix the materials used for ceramic abrasive wheel (single tank).
2. It adopt the mix way (the stirrer and the tank respectively rotated oppositely) with special stirrer structure. Materials be mixed equably and fleetly.
3. The axis of turning tank is near the tank mouth,and can get the lower height for feeding materials and the higher height for material out from tank. Worker can feed materials into the tank on the ground,and can lay the vibratory sieves or the vehicle for receiving materials at the position of materials out from tank. .
4. We adopt imported standard parts,which running will be more stable.

II Main Technical Parameter

1. Material can be filled : 120L Max (weight of materials can be mixed: 80-120KG)
2. volume of upper tank (inner diameter X inner height) : 850mm X 430mm
3. volume of nether tank (inner diameter X inner height) : 1000mm X 400mm
4. rotation speed of stirrer : 48 R/min
5. rotation speed of upper tank: 24 R/min
6. rotation speed of nether tank: 10-30 R/min
7. height for filling materials: 1000mm
8. height for materials out from tank: 1215mm
9. total power : 21KW

2. PUSH TYPE PRESS FOR D100-125MM



1. Usage & Characteristics

1. Specification of grinding wheel: OD100-125mm,
thickness 1-6mm,
2. Pressure of the main machine: 1600KN.
3. Forming mode: fixed weight/fixed pressure / fixed pressure hot(cold) press
4. Auto grade :

Action	Full auto	Semi-auto
Feeding material	auto	manual
Placing glass fiber	auto	manual
Placing bush and brand paper	auto	manual
Picking grinding wheel	auto	manual
Worker	1	3
Auto operation for each action can be supplied as client's requirement.		

5. Control mode: PLC Control. PLC can be controlled via long distance.
6. Cycle time: 7-9 sec/ pc

3. PUSH TYPE PRESS FOR D150-230MM



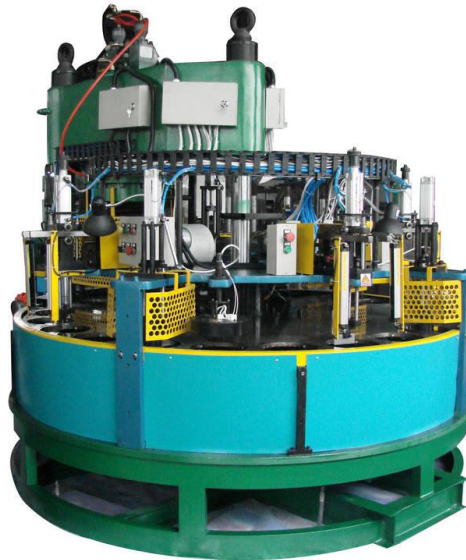
Usage & Characteristics

1. Specification of grinding wheel: OD150-230mm,
thickness 2-6mm,
2. Pressure of the main machine: 2500KN.
3. Forming mode: fixed weight/fixed pressure / fixed pressure hot(cold) press
4. Auto grade :

Action	Full auto	Semi-auto
Feeding material	auto	manual
Placing glass fiber	auto	manual
Placing bush and brand paper	auto	manual
Picking grinding wheel	auto	manual
Worker	1	3
Auto operation for each action can be supplied as client's requirement.		

5. Control mode: PLC Control. PLC can be controlled via long distance.
6. Cycle time: 10-12 sec/ pc

4. ROTARY TYPE PRESS FOR 100-125MM



1. Usage & Characteristics

1. Specification of grinding wheel: OD100-125mm,
Thickness 1-6mm,
2. Pressure of the main machine: 1600KN.
3. Forming mode: fixed weight/fixed pressure / fixed pressure hot(cold) press
4. Auto grade :

Action	Full auto	Semi-auto
Feeding material	auto	manual
Placing glass fiber	auto	manual
Placing bush and brand paper	auto	manual
Picking grinding wheel	auto	manual
Worker	1	3
Auto operation for each action can be supplied as client's requirement.		

5. Control mode: PLC Control. PLC can be controlled via long distance.
6. Cycle time: 7-8 sec/ pc

5. ROTARY TYPE PRESS FOR 150-230MM



1. Usage & Characteristics

1. Specification of grinding wheel: OD150-230mm, thickness 2-6mm,
2. Pressure of the main machine: 2500KN.
3. Forming mode: fixed weight/fixed pressure / fixed pressure hot(cold) press
4. Auto grade :

Action	Full auto	Semi-auto
Feeding material	auto	manual
Placing glass fiber	auto	manual
Placing bush and brand paper	auto	manual
Picking grinding wheel	auto	manual
Worker	1	3
Auto operation for each action can be supplied as client's requirement.		

5. Control mode: PLC Control. PLC can be controlled via long distance.
6. Cycle time: 8-10 sec/ pc

6. ROTARY TYPE PRESS FOR 305-405MM



1. Usage & Characteristics

1. Specification of grinding wheel: OD300-400mm,
thickness 2-4mm,
2. Pressure of the main machine: 4000KN.
3. Forming mode: fixed weight/fixed pressure / fixed pressure hot(cold) press
4. Auto grade :

Action	Full auto	Semi-auto
Feeding material	auto	manual
Placing glass fiber	auto	manual
Placing bush and brand paper	auto	manual
Picking grinding wheel	auto	manual
Worker	1	3
Auto operation for each action can be supplied as client's requirement.		

5. Control mode: PLC Control. PLC can be controlled via long distance.
6. Cycle time: 14-18 sec/ pc

7. 5M³ OVEN



I Usage & Characteristics

1. It adopt output as heating solid-state relay, which is long life.
2. Temperature-control instrument can store 5 curved line for temperature rising.
3. It have the memory function of interruption of power supply.
4. It have 2 air inlet opening and 2 air outlet opening.
5. One vehicle installed in oven for loading resin bond grinding wheel.

II Main Technical Parameter

1. Max temperature: 200°C
2. Tolerance of temperature: $\pm 3^{\circ}\text{C}$
3. Heating power: 31.5KW
4. Inner size of oven (length * width * height)
1700*1835*1360 mm
5. Outer size of oven (length * width * height) (including motor and flue)
2060*3075*2100mm
6. Weight: 3000kg

8. 48m Tunnel Kiln



Application	For resin bond grinding wheel
Total quantity of car	56 cars
Total quantity of car in kiln	46 cars
Inner size of kiln	48 X 1.2 X 1.5m
Size of each car without wheel	1.03 X 1 X 1.4m
Fuel	electricity
The interval time of entering car in kiln	40 minutes/car or setted as client's production capacity
Max loading capacity	2000kg/car
Max working temperature	190°C
Tolerance of temperature for keeping temperature at high temperature	± 1°C
Designed Max temperature	250°C
Total power	260KW

9. Speed tester 400-35000



Main technical parameter

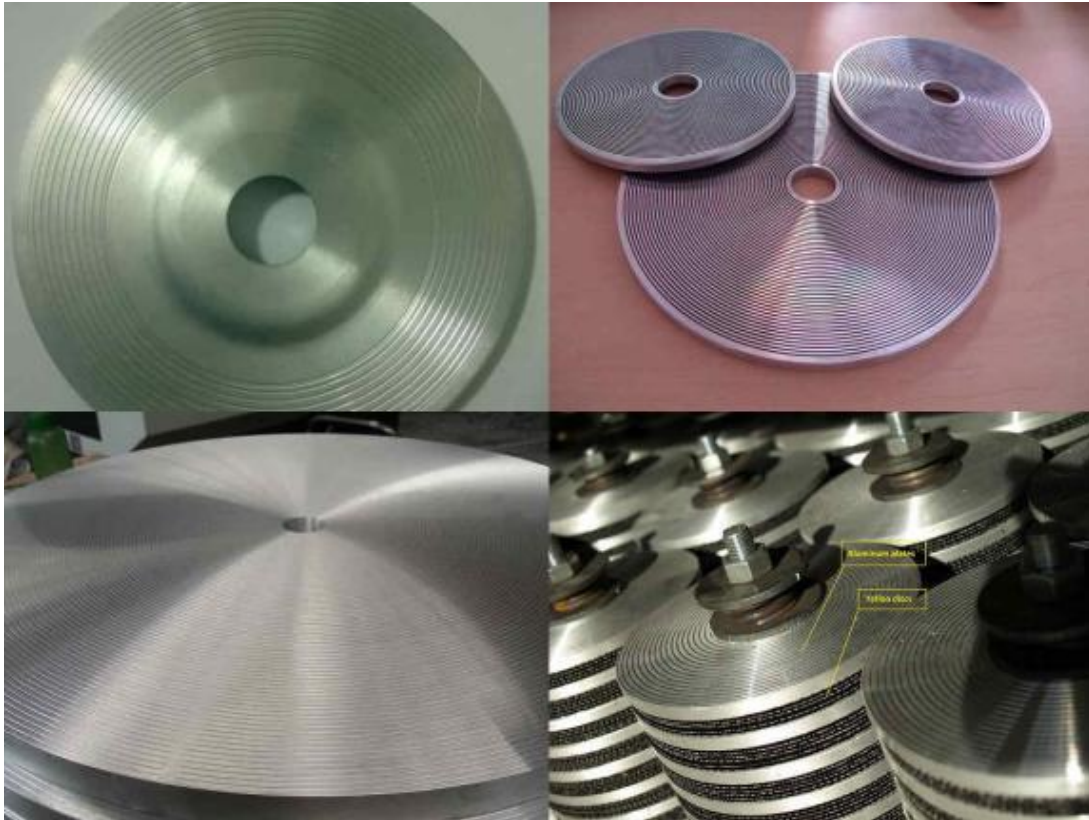
1. Diameter of tested grinding wheel: $\phi 100\text{mm} \sim \phi 400\text{mm}$
2. Thickness of tested grinding wheel: $1\text{mm} \sim 10\text{mm}$
3. Hole of tested grinding wheel: $\phi 16$ 、 $\phi 22.2$ 、 $\phi 25.4$ 、 $\phi 32$ (also can make as client's special requirement)
4. Max R.P.M for test: no less than 35000r/min (at the same time, effective loading is no less than 0.2kg)
5. Max effective loading is no less than 1kg (at the same time, R.P.M for test is no less than 7200r/min)
6. Radial runout of main shaft: $\leq 0.03\text{mm}$
7. Control tolerance of rotation speed for test: $\leq \pm 2\%$
8. Static stability of rotation speed for test: $\leq \pm 2\%$
9. Maintain time for Max. rotation speed for test: $0\text{S} \sim 120\text{S}$ (can be adjusted in stepless)
10. Control precision of maintain time: $\leq \pm 1\%$
11. Dragging power: no less than 5.0KW
12. Max noise during load without grinding wheel: 80dB

10. Accessories

Mold for cut off wheel and depressed center wheel



Aluminum plate for stack grinding wheel in oven or kiln



Separating fiber for baking grinding wheel in oven or kiln



11. Raw Materials



Abrasive Grain widely used for making abrasive tools (cut off wheel ,grinding wheel,sanding paper,sanding clothesetc).

- 1.Grit Size Available:12,16,20,24,30,36,40,50,60,80,100,120,150,180,220.
- 2.Micro Particle Sizes Available:240,280,320,360,400,500,600,800,1000,1200.
- 3.Standard:FEPA-F standard and FEPA-P standard.