



SUZHOU ARPHU INDUSTRIAL CO., LTD

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Conveyor Belt Vulcanizer



NO.1 INTRODUCTION OF CONVEYOR BELT VULCANIZER

Conveyor Belt Vulcanizer, also called Conveyor Belt Vulcanizing Press or Belt Vulcanizing Press Machine. It's vulcanize equipment and tools for repairing & splicing of conveyor belt. It suits for various conveyor belt, such as EP, Rubber, Nylon, Canvas and Steel cord belt, etc.

The belt vulcanizer is dependable, lightweight and portable machine, which is widely used in the field of metallurgy, mining, power plants, ports, building materials, cement, coal mine, chemical industry, etc. Heating plates are available for rhombic, rectangular and modular type (two or more sets of heating plates together).

NO.2 TECHNICAL PARAMETERS

1. Vulcanization pressure: 0~2.0 MPa;
2. Vulcanization temperature: 145°C;
3. Difference in surface temperature of vulcanized plate: $\pm 5^{\circ}\text{C}$;
4. Heating up time (at normal temperature to 145°C)<30 minutes;
5. Voltage: 220V/ 380V/415V/440V/480V/550V/660V, 50/60HZ, 3PHASES;
6. Temperature adjustment range: 0 to 200°C;
7. Timer adjustment range: 0 to 99 minutes;



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Model	Belt width (mm)	Specification	Size of heating plate (L×W×T) mm	Power KW	Dimension (L×W×H)mm	Weight KG
DLCBV-650	650	650×830	883×820×31	10.8	1140×883×585	440
		650×1000	1064×820×31	13	1140×1064×585	530
DLCBV-800	800	800×830	883×995×31	12.7	1320×883×585	515
		800×1000	1064×995×31	15.4	1320×1064×585	630
DLCBV-1000	1000	1000×830	883×1228×31	15	1450×883×585	600
		1000×1000	1064×1228×31	18	1450×1064×585	715
DLCBV-1200	1200	1200×830	883×1431×31	18.2	1700×883×750	800
		1200×1000	1064×1431×31	22	1700×1064×750	912
DLCBV-1400	1400	1400×830	883×1653×31	20.6	1950×883×750	885
		1400×1000	1064×1653×31	24.6	1950×1064×750	1050
DLCBV-1600	1600	1600×830	883×1867×31	22.8	2150×883×795	1130
		1600×1000	1064×1867×31	27.2	2150×1064×795	1325
DLCBV-1800	1800	1800×830	883×2079×31	25	2380×883×900	1420
		1800×1000	1064×2079×31	30	2380×1064×900	1630
DLCBV-2000	2000	2000×830	883×2303×31	27.4	2620×883×980	1560
		2000×1000	1064×2303×31	33	2620×1064×980	1824
DLCBV-2200	2200	2200×830	883×2478×31	29.8	2883×883×980	1720
		2200×1000	1064×2478×31	35.8	2883×1064×980	2030
DLCBV-2400	2400	2400×830	883×2680*31	32.3	2940×883×980	1880
		2400×1000	1064*2680*31	38.9	2940×1064×980	2236

NO.3 FEATURES

1. **Heating Plate:** lightweight, portable, pressure and temperature uniformity;
2. **Water Plate:** high pressure can reach Max. 2.0 MPa (20 bars or 290 psi);
3. **Cross Beam:** lightweight & high tensile aluminum alloy;

NO.4 QUICK TIPS

1 inch=25.4 mm;

1 MPa=10 bars=145 psi;

NO.5 DIY FOR CONVEYOR BELT VULCANIZER

1. **WATER COOLING SYSTEM** (less than 10 minutes to cool from 145°C to normal temperature) or **NATURAL COOLING SYSTEM** (more than 2 hours to cool from 145°C to normal temperature);



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2. **ELECTRIC PUMP** or **MANUAL PUMP**; if choose **ELECTRIC PUMP**, please advise voltage, such as **380V 50HZ 3 Phases**;

3. **Standard Control Cabinet** or **PLC Touch Screen Control Cabinet**;

NO.6 WHEN INQUIRY, PLEASE ADVISE THE FOLLOWING QUESTIONS:

1. Belt width, belt material (such as EP, NN or ST) and splicing length (joint length);
2. Voltage, such as 380V 50HZ 3 Phases;
3. Electric pump or manual pump;
4. standard (automatic) control cabinet or PLC touch screen control cabinet.

NO.7 Water Cooling Conveyor Belt Vulcanizer

Feature: Rapid integral cooling fitted on both plates, belt vulcanizer could be dismantled within 5~10 minutes.

NO.8 MODULAR CONVEYOR BELT VULCANIZER

Modular conveyor belt vulcanizer can be applied to Belt width 3200 mm maximum. Special design and production service is offered as per requirements of clients.



CONFIGURATION OPTIONS

