



LONGITUDINAL TEAR REPAIR VULCANIZER



NO.1 INTRODUCTION

During running of conveyor, due to the reasons of raw material mixing with impurities or conveyor malfunction, conveyor belt will be broken in long distance by longitudinal tear. DLBRV-III Longitudinal Tear Repair Vulcanizer is specially used to repair longitudinal tear of conveyor belt, it suits for EP, Nylon, Canvas and steel cord belt.

NO.2 TECHNICAL PARAMETERS

1. Heating plate size: 350*1000 mm;
2. Max. Repair size: 250*900 mm;
3. Max. Working pressure: 0.5 MPa;
4. Rated power: 5.2 KW;
5. Heating up time < 30 minutes;
6. Timer adjust range: 0-99 minutes;
7. Temperature adjust range: 0-200 °C;
8. Voltage: 220-660V, 50/60HZ, 3 Phases;
9. Repair belt width: 650 mm--2600 mm;

NO.3 INSTALLATION AND OPERATION INSTRUCTION



1. Transport spot repair vulcanizer to working site;
2. Deal with the damaged part of conveyor belt;
3. Put the lower frame of spot repair vulcanizer right under the damaged belt, then put the water plate and lower heating plate under the damaged belt;
4. Put the upper heating plate and heat insulation plate above the damaged part, then tighten the screw till it can't be moved.
5. Connect power and control cabinet by primary (input) cable, connect heating plates and control cabinet by secondary (output) cable;
6. Connect water plate and pump (hand pump or electric pump) by high-pressure pipe, then turn on the power of control cabinet, meanwhile, pump water into water plate till designed (required) pressure.
7. After reach vulcanizing temperature, warm up for set time (as per thickness of belt), after vulcanizing process finished, connect heating plates and pump (or other cooling water) by water pipes and cool to 60°C.

Remark: if it's not water cooling system, please ignore 7th step.

NO.4 OPERATION INSTRUCTION OF CONTROL CABINET

1. Adjust temperature controller to set temperature (such as 145°C), and put "ON" position of temperature indicator;
2. Turn on the power, power indicate lamp will be lit, ammeter and voltmeter have values, green lamp of temperature indicator is on, temperature of heating plate rising, temperature sensor transfers signal to temperature controller. As the temperature of heating plates reach to set temperature, red lamp is on, stop working of heating plate.
3. When upper and lower heating plates reach to set temperature, turn on "TIMER";
4. Reach set time, close the power and repair belt process will be ended.