

## OTR Retreading Machine Catalogue





# OM-GZ25 OTR Tire Automatic Buffing Machine



## Equipment Features

- 1、 X / Y / Z three-axis servo motor linkage, automatically achieve spatial curve grinding, grinding precision.
- 2、 High degree of automation, less manual intervention.
- 3、 Current control grinding, increase production efficiency.
- 4、 Blade cooling device reduces grinding temperature and reduces blade wear.
- 5、 Equipped with tire lifting device, saving labor.

## Technical Parameters

Rim Size	18.00x25" -27.00 x49"
Tire Diameter	1350-2900mm
Tire width	490-750mm
Tire Weight	Max 4000kg
Power	55Kw
Dimensions	Max4000x4000x4650mm
Weight	Max8000kg



# OM-GB25 OTR Tire Semi-Automatic Buffing Machine



## Equipment Features

Equipment Features :

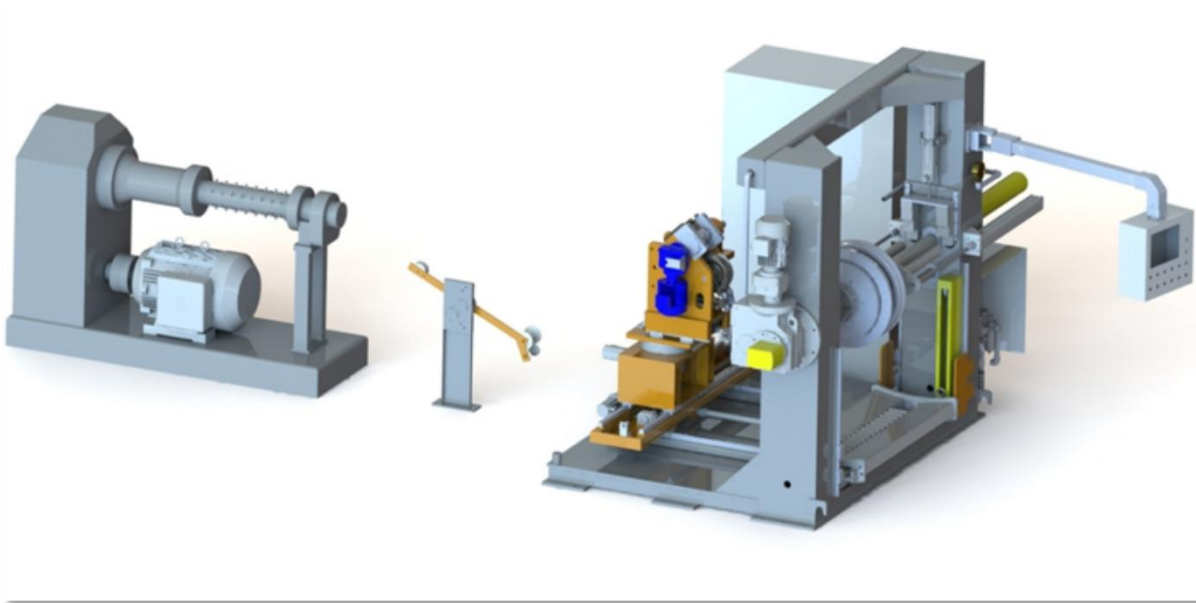
- 1、 Simple operation , less manual intervention.
- 2、 Grinding curve determined by the mold, good uniformity.
- 3、 High production efficiency.

## Technical Parameters

Rim Size	00-24" -40.00 x57"
Tire Diameter	1340-3690mm
Tire width	380-1215mm
Tire Weight	Max 8000kg
Power	35Kw
Dimensions	Max5000x5500x5650mm
Weight	Max12000kg



# OTC-G25 OTR Tire Rubber Strip Wrapping Machine

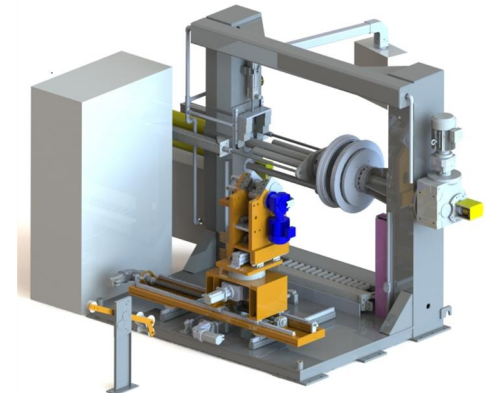
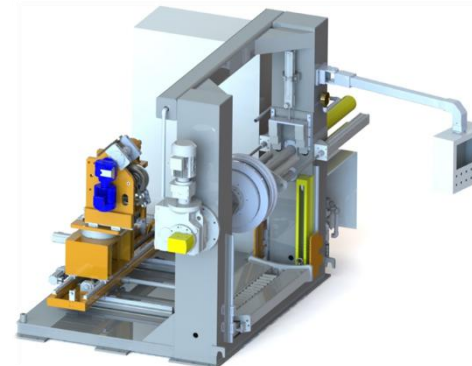
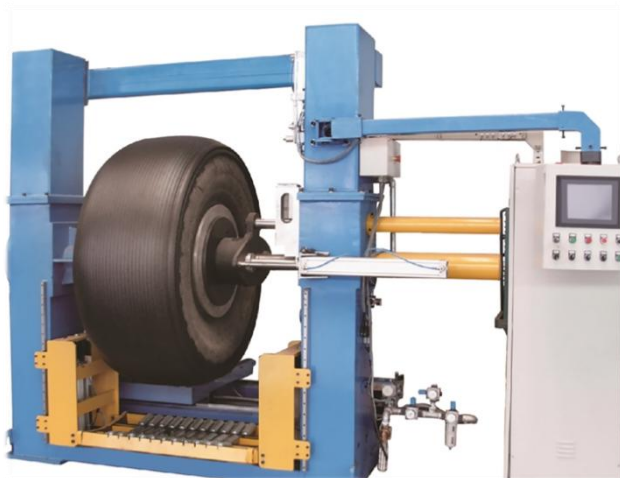


## Equipment Features

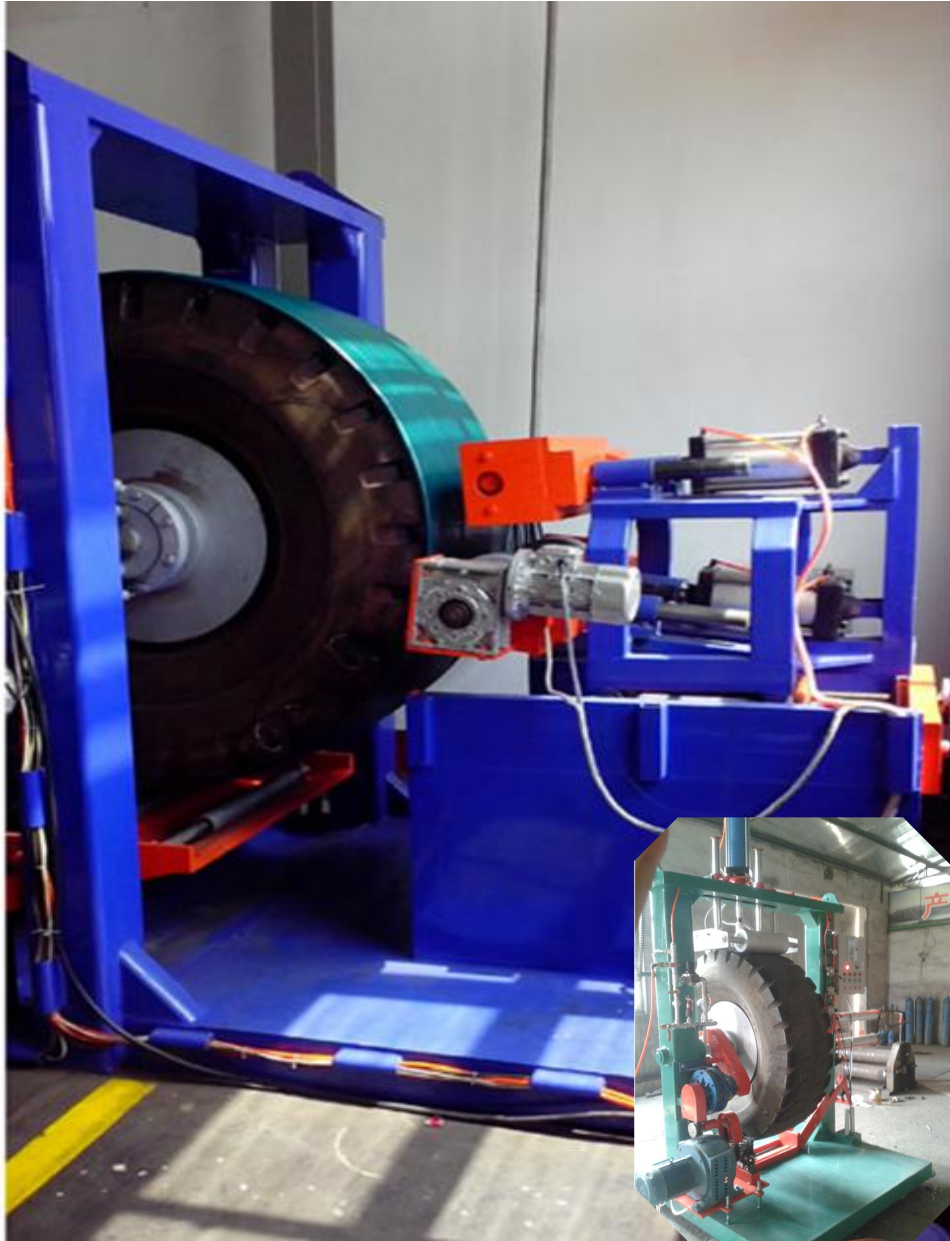
- 1、 Rubber is extruded with transmission process and low temperature, in order to prove plastify performance. The roller is with the shape of long and narrow, in order to reduce the power consumption.
- 2、 Rubber is applied divided stage in accordance of crown shape of the casing. The weight of applied rubber on each stage is accurately controlled, in order to ensure the applying quality.
- 3、 The weight of applied rubber is calculated and controlled automatically in accordance of the data of process. The stitching process prevents any air from appearing among the rubber.
- 4、 High grade automatic process with few labor operation. The equipment can be equipped with tread grooving device.

## Technical Parameters

Rim Size	18.00x25" -27.00 x49"
Tire Diameter	1350-2900mm
Tire width	490-750mm
Tire Weight	Max 4000kg
Screw type	MCT120x16D
Power	Max 120Kw
Dimensions	Max10000x4000x4650mm
Weight	Max8000kg



# OTT-GB250TR Tire Building machine



## Equipment Features

Simple operation , less manual intervention.  
High production efficiency.

Technical Parameters	
Rim Size	13.00-24" -40.00 x57"
Tire Diameter	1340-3690mm
Tire width	380-1215mm
Tire Weight	Max 8000kg
Power	5Kw
Dimensions	Max5000x5500x5650mm
Weight	Max10000kg



## Equipment Features

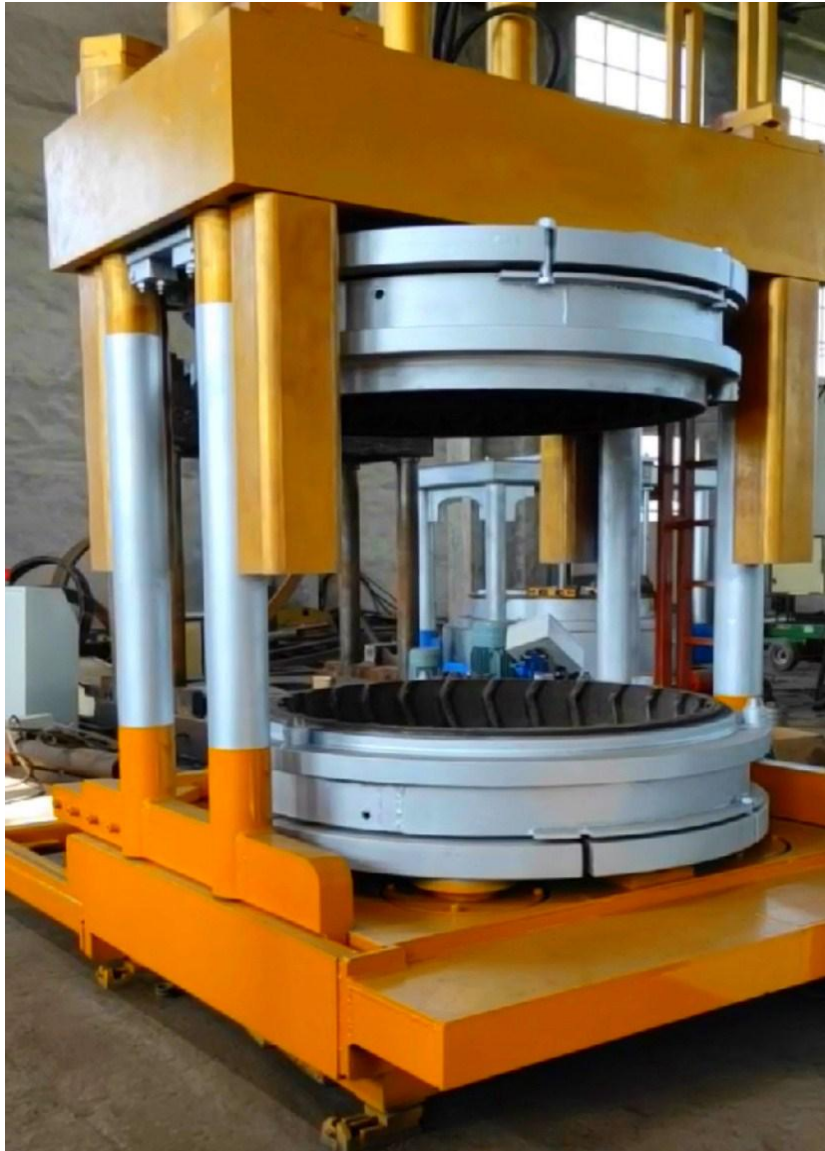
- 1-Automatic temperature, pressure and timing controlling. Automatic curing data recording and saving. Equipped with data searching and printing function.
- 2-The DPC pressure is accurately controlled. The warning and error detecting functions work well, due to the joint working of several security devices .
- 3、 Heating method of the chamber can be customized to electrical heating, steam heating or oil heating.
- 4、 Customize the size according to customer requirements , From 13.00-24 "to 40.00 x57".

**Technical Parameters:Customized.**





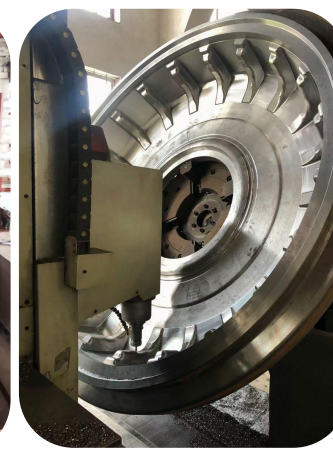
# OLJ-G25 OTR Automatic vulcanizing machine



## Equipment Features

- 1-Automatic temperature, pressure and timing controlling. Automatic curing data recording and saving. Equipped with data searching and printing function.
- 2-The DPC pressure is accurately controlled. The warning and error detecting functions work well, due to the joint working of several security devices .
- 3-Heating method of the chamber can be customized to electrical heating, steam heating or oil heating
- 4-Curing temperature: 136°C-160°C
- 5-Curing pressure: design 36kg
- 6-Curing time: 4-5 hours

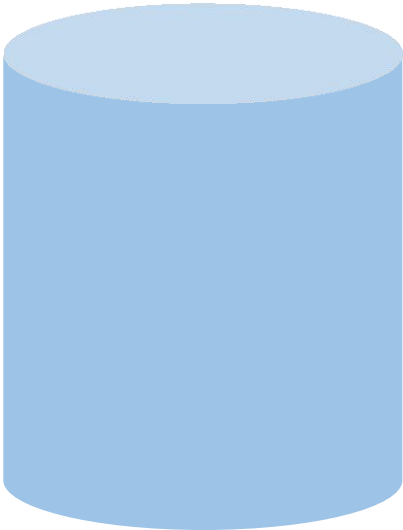
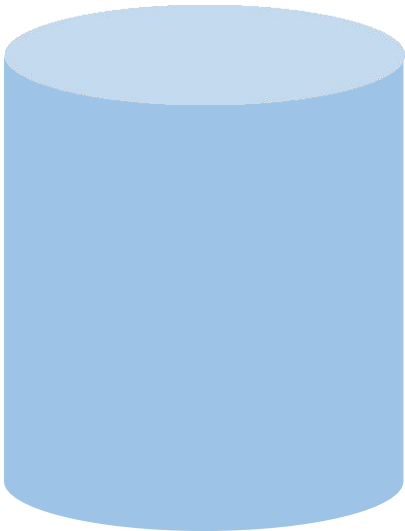
**Technical Parameters:**  
Customized.



OLJ-G25 OTR Automatic vulcanizing machine



1	12.4-24	Tractor Tyre	400T
2	12.4-28		
3	13.6-28		
4	14.9-28		
5	6.50-16	Truck Tyre	300T
6	7.50-16		



1	13.6-28	Tractor Tyre	600T
2	14.9-28		
3	16.9/14-30		
4	18.4/15-30		
5	13.6-36		



## OLJ-GB25 OTR Semi-automatic vulcanizing machine



### Equipment Features

Two-half curing press **OLJ-GB25** are semi automatic ,used to cure/vulcanize bias OTR tires with two-half molds in hot retreading.

1. Controlled by hydraulic system completely.
2. Replaceable internal mold in certain range.
3. Sturdy structure with frame structure and steel-cast air heating chamber.
4. Multi- interlock, safe operation.
5. Equipped with tire loading accessories, easy to tire load and unload.

### **Technical Parameters:**

Customized.

## OLJ-GB25 OTR Semi-automatic vulcanizing machine

	GB25-1	GB25 -2	GB25 -3	GB25 -4
Cavity size(mm)	1440×500	1650×620	1825×760	1950×830
Maximum diameter of tire(mm)	1360	1560	1740	1860
Maximum section of tyre (mm)	440	570	670	740
Control air supply(MPa)	≤0.3	≤0.3	≤0.3	≤0.3
Steam consumption(Kg/h)	120	140	150	150
Sulfide stress(MPa)	≤1.6	≤1.6	≤1.6	≤1.6
Power (KW)	11	11	11	11
Machine size(mm)	2600×3600×3100	2700×3600×3200	2800×3700×3400	3000×3900×3700
Weight	≈6.8T	≈8.5T	≈10T	≈12T
Tyre size	17.5-25	23.5-25	26.5-25	29.5-25
	14.00-24	20.5-25	21.00-24/25	18.00-33
	14.9-24	18.00-24/25	18.4-34	
		23.1-26	18.4-38	
		16.9-28	23.1-30	
		16.9-30		
		18.4-30		



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