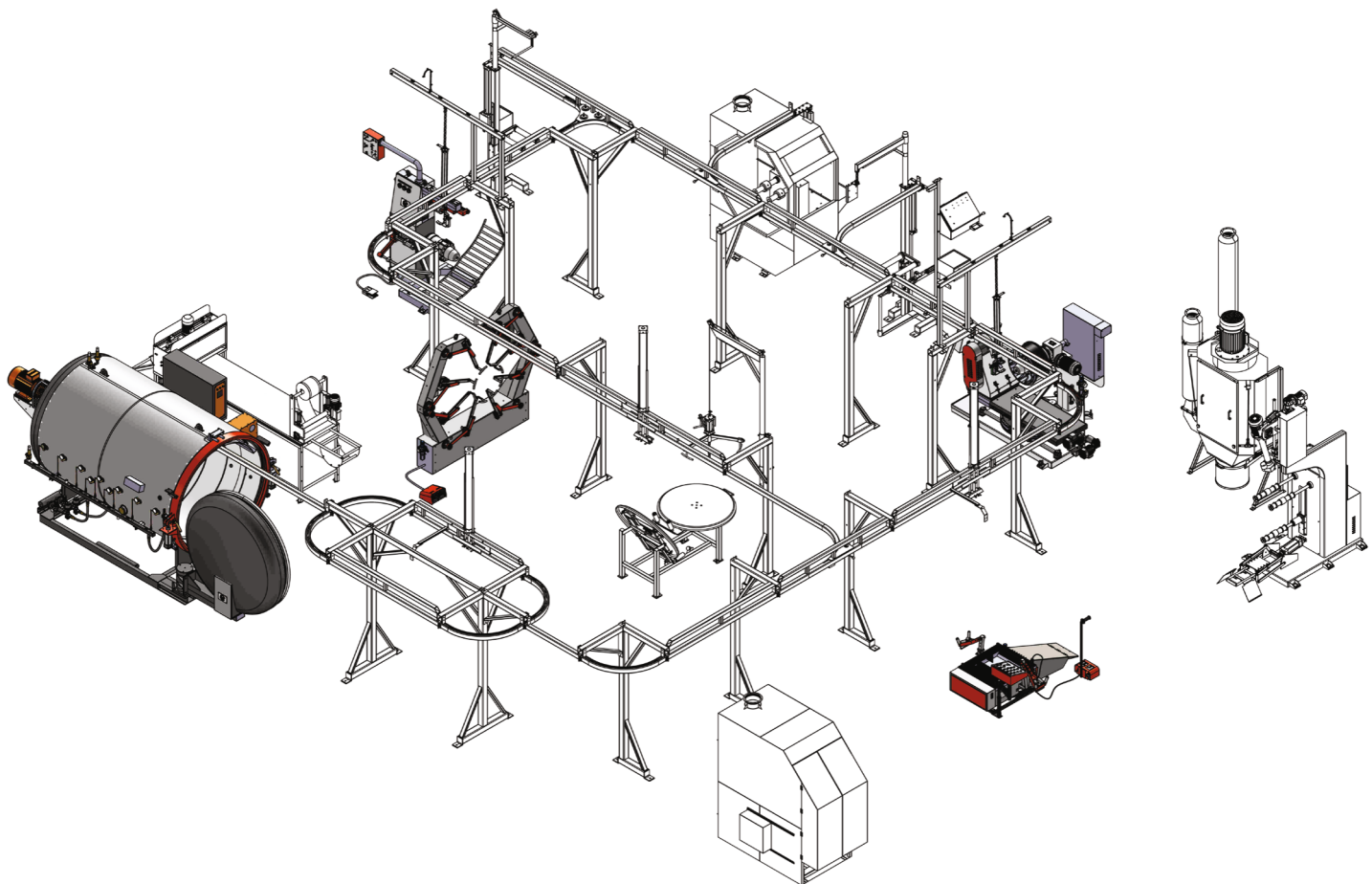




# Tyre Retreading & Repair Machinery

## 5 Series



# Inspection Spreader

## IS 5C

IS 5C is a simple and rugged, pneumatically operated machine which facilitates thorough inspection of tyres and can also serve as a repair station.



Model	IS 5C
Catalogue Number	MA05 5C -
Tyre Range	7.50 - 16 to 12.00 - 24.5
Air Pressure Requirement (psi / kg/cm <sup>2</sup> )	114 / 8
Dimensions (L x W x H) (mm)	1600 x 670 x 450
X in Cat. No. denotes power supply specifications (V / Hz / ph)	P - 415 / 50 / 3
Weight (kg)	~200
Installation	To be grouted

# Buffing Machine

## BF 5D

BF 5D is a rugged and simple machine for buffing a worn-out casing before retreading. This machine enables buffing of casings in the inflated, road running condition to achieve a perfect, concentric buff profile and the most appropriate buff texture, suitable for retreading or recapping in the pre-cure or mold-cure process.



Model	BF 5D
Catalogue Number	MA11 5D -
Tyre Range	6.50 - 14 to 12.00 - 24.5
Air Pressure Requirement (psi / kg/cm <sup>2</sup> )	114 / 8
Dimensions (L x W x H) (mm)	2100 x 1600 x 2250
X in Cat. No. denotes power supply specifications (V / Hz / ph)	P 415 / 50 / 3
Electrical Load (kW / hp)	13.05 / 17.5
Weight (kg)	~1000
Installation	Free standing

# Building Machine

## BI 2D

BI 2D is a versatile machine designed to stitch the cushion gum and the tread (Pre-cured or Top cap) on the prepared casing, in the inflated road running condition.

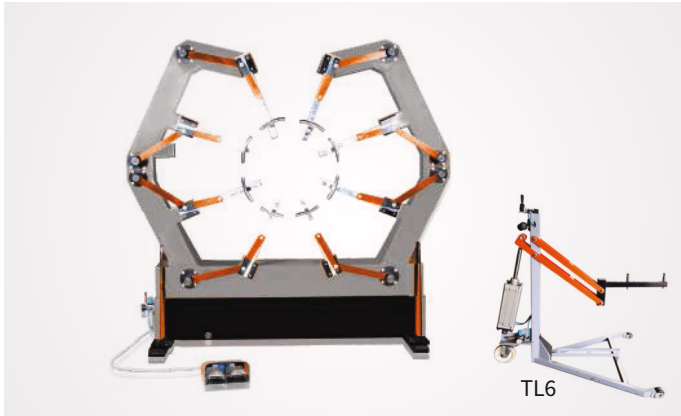


Model	BI 2D
Catalogue Number	MA46 2D -
Tyre Range	6.50 - 14 to 12.00 - 24.5
Air Pressure Requirement (psi / kg/cm <sup>2</sup> )	114 / 8
Dimensions (L x W x H) (mm)	1200 x 1400 x 2150
X in Cat. No. denotes power supply specifications (V / Hz / ph)	E 220 / 50 / 31
Electrical Load (kW / hp)	0.75 / 1.0
Weight (kg)	~300
Installation	Free standing

# Envelope Spreader

## ES 5

ES 5 is a unique machine, which facilitates the operator to envelope and de-envelope the casing easily. This machine functions pneumatically and ensures uniform expansion of envelope, which extends the life of the envelope.



Model	ES 5
Catalogue Number	MA51 5
Tyre Range	7.50 - 16 to 12.00 - 24.5
Air Pressure Requirement (psi / kg/cm <sup>2</sup> )	114 / 8
Dimensions (L x W x H) (mm)	2080 x 750 x 1930
Weight (kg)	~375
Installation	To be grouted

# Electric Autoclave

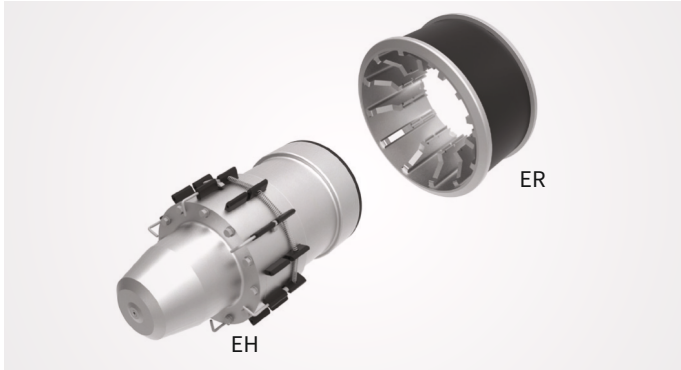
## EA 3

Bonding of precured treads to the casing at a temperature much lower than the conventional system can be achieved by using the Electric Autoclave EA 3. Electrical heaters provided inside the chamber heat up compressed air, which in turn heats the special low temperature cushion gum in between the casing and the tread, resulting in a perfect bond.



Model	EA 3 04/60	EA 3 07/60	EA 3 11/60	EA 3 22/60
Number of Tyres (based on 12.00-24.00)	4	7	11	24
Catalogue Number	MC56 3 - B	MC56 3 - C	MC56 3 - D	MC56 3 - E
Electrical Load				
Heater (kW / hp)	18 / 24	18 / 24	36 / 48	72 / 96
Blower (kW / hp)	7.5 / 10	7.5 / 10	7.5 / 10	15 / 20
Air Pressure Requirement (kg/cm <sup>2</sup> / psi)	8.0-10.0 / 114-142	8.0-10.0 / 114-142	8.0-10.0 / 114-142	8.0-10.0 / 114-142
Working Temperature (°C)	100 - 125	100 - 125	100 - 125	100 - 125
Dimensions (L x W x H) (mm)	4640 x 1900 x 2100	5650 x 1900 x 2100	7800 x 1900 x 2100	12100 x 1900 x 2100
Weight (kg)	~2700	~3600	~4400	~8000
X in Cat. No. denotes power supply specifications (V / Hz / ph)	P 415 / 50 / 3	P 415 / 50 / 3	P 415 / 50 / 3	P 415 / 50 / 3
Installation	Free standing	Free standing	Free standing	Free standing
MEP System	Yes	Yes	Yes	Yes

# Expandable Hub & Expandable Rim



For Tyre Buffers and Tread Builders.

10 Segments

12 Segments

## EH 1

Size (inch) 12 - 24

## ER 1

Size (inch)

12 x 4.5
13 - 15 x 5.5
15 - 16 x 6
20 x 7.5
22.5 x 8.25
24 x 8.5

## EH 5

Size (inch) 14 - 24.5

## ER 5

Size (inch)

14 - 17 x 6
17 - 19.5 x 8.25
20 - 22.5 x 8.25
22 - 24.5 x 8.25
22 - 24.5 x 11.75

# Tyre Loading Trolley

## TL6



Model	TL6
Tyre Lifting	Pneumatic
Tyre Range	10.00 - 20 to 12.00 - 24.5
Dimensions (L x W x H) (mm)	1010 x 1325 x 1140
Min lifting height (mm)	600
Max lifting height (mm)	1500
Total Weight (kg)	~ 50
Loading Capacity (kg)	150
Operating Pressure (psi / kg/cm <sup>2</sup> )	85-100 / 6-7
Installation	Movable

# Cyclone Filter

## DCE1



Model	DCE1
Dimensions (L x W x H) (mm)	1200 x 1000 x 2180
Hose connection diameter (inch)	4
Air Velocity (m/s)	27
Tank Capacity (L)	80
Weight (kg)	~ 150
Power supply specifications (V / Hz / ph)	415 / 50 / 3
Electrical Load (kw / Hp)	2.23/3
Installation	Free Standing

# Autoclave Loading System

## LS3



Model	LS3 04	LS3 07	LS3 11	LS3 22
Number of Tyres (based on 12.00-24.00)	4	7	11	22
Dimensions (L x W x H) (mm)	2200 x 1560 x 2710	3275 x 1560 x 2710	4385 x 1560 x 2710	6605 x 1560 x 2710
Weight (kg)	~ 415	~ 660	~ 930	~ 1450
Air Pressure Requirement (psi / kg/cm <sup>2</sup> )	85 / 6			
Installation	To be grouted			