

TECHNICAL FEATURES

Certified P series material suitable for pressure vessels

Bayonet door closure systems

Hydraulic door opening and locking mechanism

Precured or Orbitread system automation control

Advanced PLC software able to control time, temperature, pressure, DPC functions (precured) automatically

Manufactured at state-of-the-art manufacturing facilities

Advanced safety features with available certification of 2014/68/ EU CE, ASME, EAC

10 year safety guarantee as part of CE/ASME



HIGHEST SAFETY STANDARDS



DESCRIPTIONS

| | Inner Diameter | Length | Capacity | Heating System | Working Pressure | Max. Working Temperature | Tire Curing |
|-----------------|----------------|--------------|----------------------|-----------------------------|------------------|--------------------------|-------------|
| AKR 881E | 2300 mm/90" | 3900 mm/153" | 29,50 R 25 x 4 Tires | Electrical / Indirect Steam | 7 Bar/100 psi | 120 °C | J Hook |
| AKR 881 | 2300 mm/90" | 4900 mm/193" | 29,50 R 25 x 6 Tires | Electrical / Indirect Steam | 7 Bar/100 psi | 170 °C | Console |
| AKR 384 | 3100 mm/122" | 4000 mm/158" | 27,00 R 49 x 4 Tires | Direct / Indirect Steam | 7 Bar/100 psi | 170 °C | Console |
| AKR 434 | 3500 mm/138" | 5000 mm/197" | 36,00 R 51 x 4 Tires | Direct / Indirect Steam | 7 Bar/100 psi | 170 °C | Console |
| AKR 389 | 3900 mm/153" | 5500 mm/216" | 40,00 R 57 x 4 Tires | Direct / Indirect Steam | 7 Bar/100 psi | 170 °C | Console |
| AKR 337 | 4600 mm/181" | 3500 mm/138" | 59/80 R63 x 2 Tires | Direct / Indirect Steam | 7 Bar/100 psi | 170 °C | Console |




AKR510REX
AKR630REX
CNC BUFFER
AKR 510REX
AKR 630REX

 Minimum
Tire Size

14,00 R 24"

 Maximum
Tire Size

50/65 R 51"

29,50 R 25"

59/80 R 63"



ALL IN ONE PEELING / BUFFING REGROOVING / EXTRUDER BUILDING

PEELING - BUFFING - REGROOVING FUNCTIONS

A single separate dedicated robot system for peeling / buffing / regrooving functions

The peeling knife able to turn around its axis (equal erosion of every part of the knife)

High capacity regrooving function allowing users to regroove popular tread patterns (standard tread patterns come with the machine and the machine's software is capable of accomodating different tread patterns)

EXTRUDER BUILDING FUNCTIONS

A single separate dedicated robot system for extruder building functions

Cold feed pin type extruder building durable barrel and screws

Temperature control in four different zones

Water chiller cooling system

Extruded rubber transfer through the conveyor and building through calender rolling system

Advanced/user friendly software control system with tire recipes to allow the user to operate the machine for different types of tires

Advanced control system

Standard voltage = 380 V 50 Hz (adaptable to different voltages)

High quality hardware for pneumatic, PLC, hydraulic and servo systems

24"/25" rims included

CE Certified

AKR 510REX CNC Buffer can also be offered with the following optional features:

AKR 510CR CNC Buffer (Peeling/Buffing/Regrooving)

AKR 510R CNC Buffer (Regrooving)

AKR 510EX CNC Buffer (Extruder Building)

AKR 630REX CNC Buffer can also be offered with the following optional features:

AKR 630CR CNC Buffer (Peeling/Buffing/Regrooving)

AKR 630R CNC Buffer (Regrooving)

AKR 630EX CNC Buffer (Extruder Building)

TECHNICAL FEATURES

CNC controlled OTR (9 axis) peeling, buing, extruder building and regrooving machine

18 degree inclined main frame

Hydraulic tire chucking, centering through interchangeable spacers

Central lifter for loading/unloading

OPTIONAL FEATURES

Manual Arm

Additional Bead Plates

Conveyor Belt


AKR510C
CNC BUFFER
AKR 510C

| Minimum Tire Size | Maximum Tire Size |
|-------------------|-------------------|
| 14,00 R 24" | 50/65R51" |

TECHNICAL FEATURES

- CNC controlled OTR (4 axis) peeling, buffing machine
- 18 degree inclined main frame
- Hydraulic tire chucking, centering through interchangeable spacers
- Central lifter for loading/unloading



CNC CONTROLLED **BUFFER**

PEELING / BUFFING

PEELING - BUFFING FUNCTIONS

A single separate dedicated robot system for peeling / buffing functions

The peeling knife able to turn around its axis (equal erosion of every part of the knife)

Advanced/user friendly software control system with tire recipes to allow the user to operate the machine for different types of tires

Advanced control system and panel

Standard voltage = 380 V 50 Hz (adaptable to different voltages)

High quality hardware for pneumatic, PLC, hydraulic and servo systems

24"/25" rims included

CE Certified