



TRUCK & OTR TIRE RETREADING MACHINERY

LARGE PROJECTS
REQUIRE STRONG TEAMS

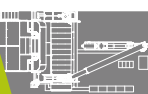
www.akarmak.com.tr
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Turn-Key Plant Solutions In Truck and OTR Tire Retreading

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ABOUT US

Akarmak, founded in 1990, manufactures machinery for the Tire Retreading Industry. We have a complete machinery portfolio, including high capacity CNC Controlled Buffers and Autoclaves, that enables us to build a complete tire retreading plant for Truck and OTR (Off-The-Road) Groups in precured and orbitread retreading. Akarmak has proven quality standards in its products, and provides CE certificates and other required certifications with its machinery.

Our autoclaves meet with international quality standards, and we work with internationally well known certification agencies such as Bureau Veritas, TUV, Lloyds, and Hartford Steam Boilers to certify our autoclaves. With our autoclaves, we are able to offer the following certifications and standards:

- Pressure Equipment Directive 97/23/EC (PED)
- ASME SEC VIII Div.1
- GOST-R
- DIN EN 15085-2 CL 1
- DIN EN ISO 3834-2
- AD2000
- Any other certificates that may be required by other authorities

For truck and OTR tires retreading, we offer complete turn-key plant machinery including buffers, autoclaves, building machines, work stations, tire lifter, inspection spreader, envelope spreader, and dust collection cyclone. Hence, Akarmak offers its customers one-stop-shop solutions in their retreading equipment needs.

We offer CE certificates and world wide warranty with our equipment.

QUICK FACTS

- State of the art machinery manufacturing facility
- Professional management team with experience and knowledge
- Highly-skilled workforce (incl. certified welders)
- High machining capacity and advanced design capabilities
- Conveniently located in the hub city of Eskisehir (close to ports and major cities such as Istanbul, Ankara, Bursa)
- ISO 9001 – 2008 certified and providing CE Certification with its own equipment
- Well executed future growth plans
- Export and growth oriented international company
- High degree of flexibility and access to numerous subcontractor companies allow Akar to manage high-volume projects

Please do not hesitate to contact us, if you have any questions. You can also visit us at www.akarmak.com.tr and www.autoclave.com.tr to get more information about our company and our products. We would like to thank you for your interest in our products and look forward to realizing tire retreading projects with you.



FACTORY

LOCATION

Eskişehir, Turkey Conveniently located close to ports and major cities.

FACTORY

27.000 m² factory space in Eskişehir Industrial Zone

QUALITY

ISO 9001-2008 certified with advanced engineering capabilities

ASME, CE, GOST-R, AD2000

DIN EN 15085-2 CL 1, DIN EN ISO 3834-2





Truck Tire
Group

15" TO
24"



TECHNICAL SPECIFICATIONS

Buffing Range: 7,50 R 15 - 12,00 R 24

Minimum Tire Diameter: 700 mm (27,5")

Maximum Tire Diameter: 1,450 mm (57")

Maximum Tire Width: 500 mm (19,6")

OTHER SPECIFICATIONS

Total power: 45 kW (including optionals)

Working pressure: 6 bar (90 psi)

Capacity: 30-35 tyres/hour

Weight: 4,500 kg (9.920 lbs)

Dimensions: 2,760 (W) x 3,800 (L) x 3,500 (H) mm /
108" (W) x 150" (L) x 137" (H) mm

CE Certified



AKR240C CNC BUFFER

Fully computerized CNC controlled buffing machine with bead plates

TECHNICAL FEATURES

Fully computerized CNC controlled buffing machine with bead plates and automatic sidewall brushing

User friendly easy operation Easy and user friendly tire loading/unloading mechanism

Programmable tire buffing recipes

Suitable for truck tires up to 445/65 R 22,5" and 495/45 R 22,5"

Buffing capability of BIAS and Radial tires

HARDWARE&CONTROL FEATURES

Buffing head R115 Convex with water cooling High quality and well-known equipment for pneumatic,linear and control systems

Highly sensitive computerized circumference measuring system and magnetic wire sensor

Bead plates included: 14"-15", 16"-17,5", 19,5", 20"-22,5", 24"

Manual arm for buffing and brushing (Optional)

12" color panel screen and touch pad panel

Remote access to PLC via internet

15" TO
24"



TECHNICAL SPECIFICATIONS

Buffing Range: 7,50 R 15 - 12,00 R 24

Minimum Tire Diameter: 700 mm (27,5")

Maximum Tire Diameter: 1,450 mm (57")

Maximum Tire Width: 500 mm (19,6")

OTHER SPECIFICATIONS

Total power: 45 kW (including optionals)

Working pressure: 8 bar (120 psi)

Capacity: 30-35 tyre/hour

Weight: 4,000 kg (8,800 lbs)

Dimensions: 4,450 (W) x 3,000 (L) x 2,750 (H)
175" (W) x 118" (L) x 108" (H)

CE Certified

LARGE PROJECTS
REQUIRE STRONG TEAMS



AKR240HCX
CNC BUFFER

Fully computerized CNC controlled buffing machine with Expandable Hub and Rim System

TECHNICAL FEATURES

Fully computerized CNC controlled buffing machine with expandable hub and rim system

User friendly easy operation

Easy and user friendly tire loading/unloading mechanism

Programmable tire buffing recipes

Suitable for truck tires up to 445/65 R 22,5 and 495/45 R 22,5

Buffing capability of BIAS and Radial tires

HARDWARE&CONTROL FEATURES

Buffing head R115 Convex with water cooling
High quality and well-known equipment for pneumatic, linear and control systems

High sensitive computerized circumference measuring system and magnetic wire sensor

Expandable rim: 20-22.5x9" included (Other sizes are optional)

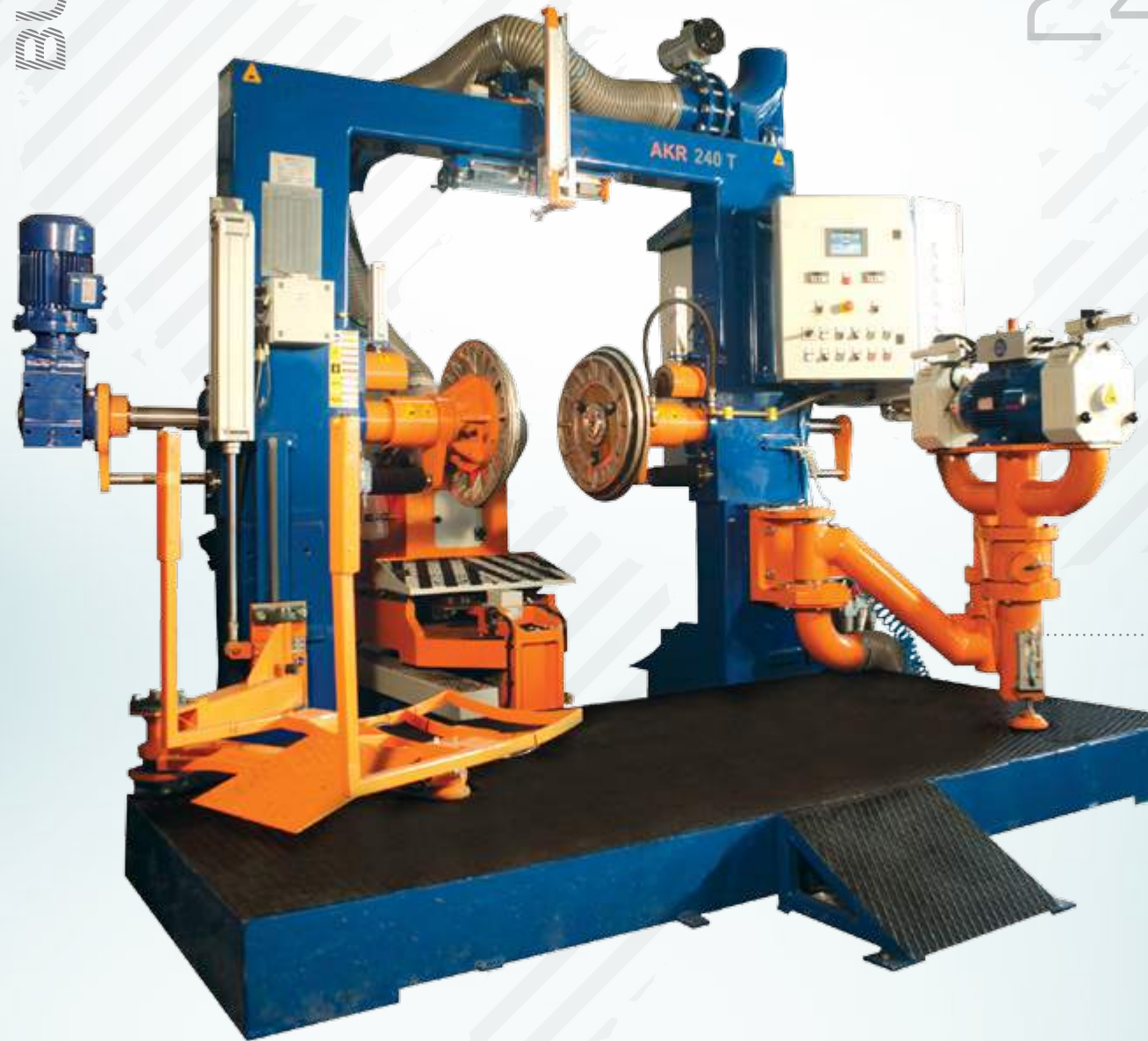
Manual arm for buffing and brushing (Optional)

Automatic sidewall brushing (Optional)

12" color panel screen and touch pad panel

Remote access to PLC via internet

15" TO
24"



TECHNICAL SPECIFICATIONS

Buffing Range: 7,50 R 15 - 12,00 R 24

Minimum Tire Diameter: 700 mm (27,5")

Maximum Tire Diameter: 1,450 mm (57")

Maximum Tire Width: 500 mm (19,6")

OTHER SPECIFICATIONS

Total power: 34 kW

Working pressure: 6 bar (90 psi)

Capacity: 25-30 tire/hour

Weight: 4,400 kg (9,700 lbs)

Dimensions: 3,575 (W) x 3,800 (L) x 3,000 (H)
140" (W) x 149" (L) x 118" (H)

CE Certified

LARGE PROJECTS
REQUIRE STRONG TEAMS



AKR240T AUTOMATIC BUFFER

Automatic buffing machine with bead plates

TECHNICAL FEATURES

Automatic PLC controlled buffing machine
with bead plates

User friendly easy operation with 1:1 copy of
templates

Easy and user friendly tire loading/unloading
mechanism

Suitable for truck tires up to 445/65 R 22,5
and 495/45 R 22,5

Buffing capability of BIAS and Radial tires

HARDWARE&CONTROL FEATURES

Buffing head R115 Convex with water cooling

High quality and well-known equipment for
pneumatic, linear and control systems

Mechanical circumference measuring system

Bead plates included: 14"-15", 16"-17,5", 19,5",
20"-22,5", 24"

Manual arm for buffing and brushing

6" panel screen with touch pad panel



TECHNICAL SPECIFICATIONS

Buffing Range: 7,50 R 15 - 12,00 R 24

Minimum Tire Diameter: 700 mm (27,5")

Maximum Tire Diameter: 1,450 mm (57")

Maximum Tire Width: 450 mm (17,7")

OTHER SPECIFICATIONS

Total power: 30 kW

Working pressure: 8 bar (120 psi)

CE Certified



AKR550

CUSHION GUM EXTRUDER
WITH TREAD BUILDER

Full automatic cushion gum application and tread building

TECHNICAL FEATURES

Suitable for truck tire cushion gum building
up to 445/65 R 22.5" size tires

Extrusion tire width range: 140 - 450 mm(5,5"-
17,7")

Capacity: 3-5 min/tire (including building)
Standard wingforms: 3 standard sets

Extruder Unit: Screw and barrel system

Building unit included

Temperature control unit

OPTIONAL FEATURES

Chiller Unit

HARDWARE&CONTROL FEATURES

Touch Panel Screen

Remote access to PLC via internet

Tire holding mechanism: Expandable hub and
rim (20 - 22.5 x 9" size included)

Linear move tire positioning

Supply voltage 380V 50 Hz

Manual and automatic use

ADVANTAGES

Lower material and labor costs

Multiple operations covered in one machine

Improved productivity and efficient work flow

Compact design and easy maintenance

TRUCK TIRE

AUTOClaves

Highest safety
standards

TECHNICAL FEATURES

- Fully computerized plc controlled
- Electrical heating system with efficient use
- Preheating feature
- Vacuum test function
- Working pressure: 6 bar (90 psi)
- Advanced safety features with available certification of PED 97/23/EC CE, ASME, GOST-R
- 10 year safety guarantee as part of CE/ASME



S U CE PG ISO 9001:2015 EN ISO 3834-2 CERTIFIED AD2000

DESCRIPTIONS

	Capacity	Inner Diameter (mm)	Length (mm)	Heating System	Working Temperature
AKR 291	12 Tires	1600 mm / 63"	4500 mm / 177"	Electric	120 °C / 248 °F
AKR 293	16 Tires	1600 mm / 63"	6000 mm / 236"	Electric	120 °C / 248 °F
AKR 294	20 Tires	1600 mm / 63"	7500 mm / 295"	Electric	120 °C / 248 °F
AKR 297	24 Tires	1600 mm / 63"	9000 mm / 354"	Electric	120 °C / 248 °F



BUILDER

TECHNICAL FEATURES

- PLC controlled precured tread builder for tires 700 mm(27,5") -1450 mm(57") with expandable hub and rim system
- User friendly easy operation
- Tyre range: 7,50 R 15 - 12,00 R 24
- Expandable rim: 20-22.5x9" included (Other sizes are optional)
- Three-zone pneumatic pressure application feature
- Two-mode tire rotation with pedal control
- Adjustable speed control tread application on tires
- Controllable stitching and building operatio with tread stretching
- Three-line optical laser centering system
- CE Certified

OTHER SPECIFICATIONS

Total power: 4.5 kW
Working pressure: 8 bar (120 psi)
Manual and automatic use



TECHNICAL FEATURES

- Suitable for tires 700 mm(27,5") -1450 mm(57") with expandable hub and rim system
- Expandable rim: 20-22.5x9" included (Other sizes are optional)
- Tyre range: 7,50 R 15 - 12,00 R 24
- Pneumatic compression system
- Tire rotation with pedal control
- Optical-laser centering device
- Total power: 4 kW
- Working pressure: 8 bar (120 psi)
- CE Certified



BUILDER



INSPECTION SPREADER

TECHNICAL FEATURES

- Tyre range: 7,50 R 15 - 12,00 R 24
- Suitable for tires 700 mm(27,5") -1450 mm(57")
- Pneumatic compression and lifting system
- Working pressure: 6 bar (90 psi)



INNER ENVELOPE TABLE

TECHNICAL FEATURES

- Suitable for tires 700 mm(27,5") -1450 mm(57")
- Manually controlled two-direction tilting table

ENVELOPE SPREADER

TECHNICAL FEATURES

- Tyre range: 7,50 R 15 - 12,00 R 24
- Suitable for tires 700 mm(27,5") -1450 mm(57")
- Ability to work vertically
- Working pressure: 6 bar (90 psi)



TREAD PREPARATION TABLE

TECHNICAL FEATURES

- Pneumatic compression system
- Special disc compression for wingtreads
- Cushion gum dispenser unit
- Movable cement container
- Stainless steel ruler



- Total power: 0,37 kW
- Pneumatic cutting mechanism
- Working pressure: 6 bar (90 psi)
- Cutting system with rotating disc
- Maximum working width: 500 mm (19,6")

BUILDER

TECHNICAL FEATURES

- Pneumatic compression system
- Stainless steel ruler
- Total power: 0,37 kW
- Pneumatic cutting mechanism
- Working pressure: 6 bar (90 psi)
- Cutting system with rotating disc
- Maximum working width: 500 mm (19,6")



CUSHION GUM CUTTER

TECHNICAL FEATURES

- Total power: 0,55 kW
- Manual cutting with knife
- Adjustable for different cushion sizes
- Maximum working width: 1000 mm (39,4")



DUST COLLECTION CYCLONE

TECHNICAL FEATURES

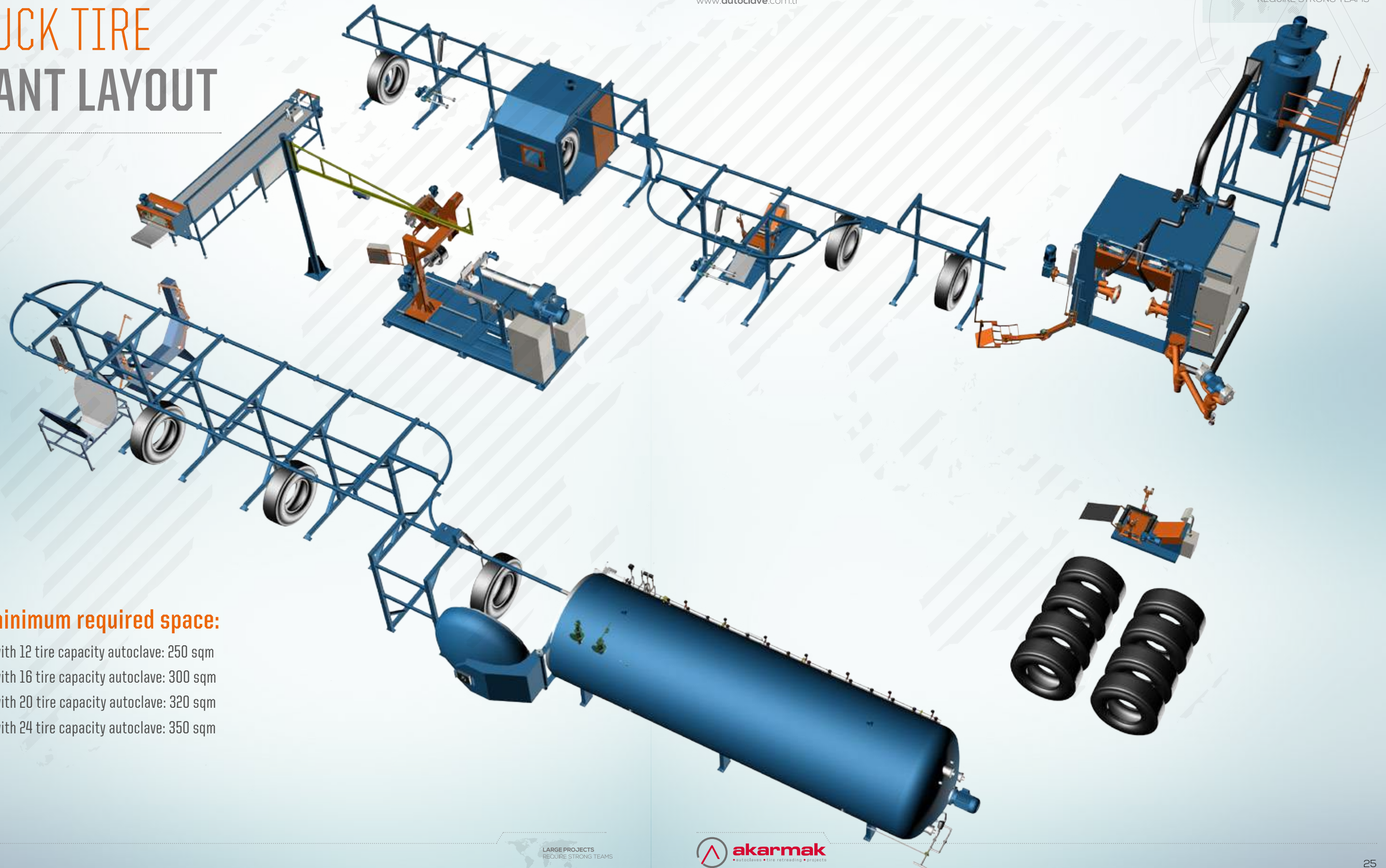
- Dust storage unit
- 500 lt capacity
- Total power: 7,5 kW



TRUCK TIRE PLANT LAYOUT

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www.autoclave.com.tr

LARGE PROJECTS
REQUIRE STRONG TEAMS



The minimum required space:

- Plant with 12 tire capacity autoclave: 250 sqm
- Plant with 16 tire capacity autoclave: 300 sqm
- Plant with 20 tire capacity autoclave: 320 sqm
- Plant with 24 tire capacity autoclave: 350 sqm



OTR Tire
Group

24"_{TO}
63"

OFF-THE-ROAD OTR

RETREADING



www.akarmak.com.tr
www.autoclave.com.tr

OFF THE ROAD (OTR) RETREADING PLANTS

Akarmak produces tire retreading machinery and sets up turn-key tire retreading plants in both truck tire and OTR retreading.

Akarmak offers five packages of OTR machinery portfolios in both precured and orbitread system OTR tire retrading, covering

tire sizes from 1200R24" to 59/80R63". The main machinery in each package are CNC Buffing Machines and Autoclaves. Each package is completed by supplementary equipment such as Initial Inspection Spreader, Envelope Spreader, Dust Collection Cyclone, Work Station, and Solution Cabin.

*Please see more details in Appendix 1 for the size of OTR tires to be retreaded

Package	System	Min OTR Tire Size	Max OTR Tire Size	Equipment
SMARTPACK	Precured	12,00R24"	18,4R34"	AKR 881P Autoclave (Ø2300 mm-90,5") AKR 250C CNC Buffer (Peeling/Buffering) OPTIONAL Precured Tread Application Unit AKR 193 Inspection Spreader AKR 271 Envelope Spreader AKR 272M Work Station AKR 998 Spray Cabin AKR 108 Dust Suction Cyclone
MIDPACK	Precured	12,00R24"	36,00R51"	AKR 434P Autoclave (Ø3500 mm-137,8") AKR 510C CNC Buffer (Peeling/Buffering) OPTIONAL Precured Tread Application Unit AKR 192 Inspection Spreader AKR 261 Envelope Spreader AKR 274 Work Station AKR 999 Spray Cabin AKR 108 Dust Suction Cyclone
OPTIPACK	Orbitread	14,00R24"	35/65,00 R33" 18,00 R33" 24,00 R33"	AKR881 O Autoclave (Ø2300 mm - 90 " AKR 350REX CNC Buffer (Peeling/Buffering/Extruder Building/Regrooving) OPTIONAL: AKR 350CR CNC Buffer (Peeling/Buffering/Regrooving) AKR 350R CNC Buffer (Regrooving) AKR 350EX CNC Buffer (Extruder Building) AKR 193 Inspection Spreader AKR 272 Work Station AKR 998 Spray Cabin AKR 108 Dust Suction Cyclone
ORBIPACK	Orbitread	12,00R24"	36,00R51"	AKR434 O Autoclave (Ø3500 mm-137,8") AKR 510REX CNC Buffer (Peeling/Buffering/ Extruder Building/Regrooving) OPTIONAL AKR 510CR CNC Buffer (Peeling/Buffering/ Regrooving) AKR 510R CNC Buffer (Regrooving) AKR 510EX CNC Buffer (Extruder Building) AKR 192 Inspection Spreader AKR 274 Work Station AKR 999 Spray Cabin AKR 108 Dust Suction Cyclone
ULTRA ORBIPACK	Orbitread	12,5R24"	59/80R63"	AKR 3370 Autoclave (Ø4600 mm-181") AKR 630REX CNC Buffer (Peeling/Buffering/ Extruder Building/Regrooving) OPTIONAL AKR 630CR CNC Buffer (Peeling/Buffering/ Regrooving) AKR 630R CNC Buffer (Regrooving) AKR 630EX CNC Buffer (Extruder Building) AKR 192 Inspection Spreader AKR 273 Work Station AKR 997 Spray Cabin AKR 108 Dust Suction Cyclone

AKR 510REX
AKR 630REX
AKR 350REX

Minimum Tire Size	Maximum Tire Size
14,00 R 24"	50/65 R 51"
29,50 R 25"	59/80 R 63"
12,00 R 24"	37,25 R 35"

24"
63"



AKR510REX
AKR630REX
CNC BUFFER

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

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

24" TO
63"

AKR 510C

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

TECHNICAL FEATURES

CNC controlled DTR (4 axis) peeling, buffing machine

18 degree inclined main frame

Hydraulic tire chucking, centering through interchangeable spacers

Central lifter for loading/unloading



AKR510C CNC BUFFER

CNC CONTROLLED BUFFER PEELING / BUFFING

PEELING - BUFFING FUNCTIONS

A single separate dedicated robot system for peeling / buing 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 dierent 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

24" TO
63"

AKR 250C

Minimum Tire Size	Maximum Tire Size
14,00 R 24"	21,00 R 33"



OPTIONAL FEATURES

Precured Tread Application Unit

Manual Arm

Additional Bead Plates



AKR250C
CNC BUFFER

CNC Controlled Buffer Peeling, Buffing

TECHNICAL FEATURES

CNC Controlled Peeling/Buffering functions

Central tire lifter for loading/unloading

Hydraulic tire chucking, centering through interchangeable spacers

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

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

Rims included: 24" and 25"

CE Certified

HIGHEST
SAFETY
STANDARDS

OTR TIRE

AUTOClaves

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 PED 97/23/ EC CE, ASME, GOST-R

10 year safety guarantee as part of CE/ASME



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



WORK STATIONS

AKR273-274

TECHNICAL FEATURES

Rigid construction

Spinning preventative roller system



AKR 274

Minimum	Maximun	Height Adj.
23.5R25"	40.00R57"	Adjustable
21.00R35"	59/80R63"	Adjustable

AKR 273

WORK STATIONS

AKR272M

TECHNICAL FEATURES

Rigid construction

Spinning preventative roller system



AKR 272M

Minimum	Maximun	Height Adj.
12.00R24"	29.5 R 25"	Fixed

ENVELOPE SPREADERS

AKR261-270-271



TECHNICAL FEATURES

Horizontal placement

Hydraulic opening/closing

User friendly operation

CE Certified

AKR 271

Minimum	Maximun
7.50R15"	29.5R25"
13.00R24"	27.00R49"
29.50R25"	59/80R63"

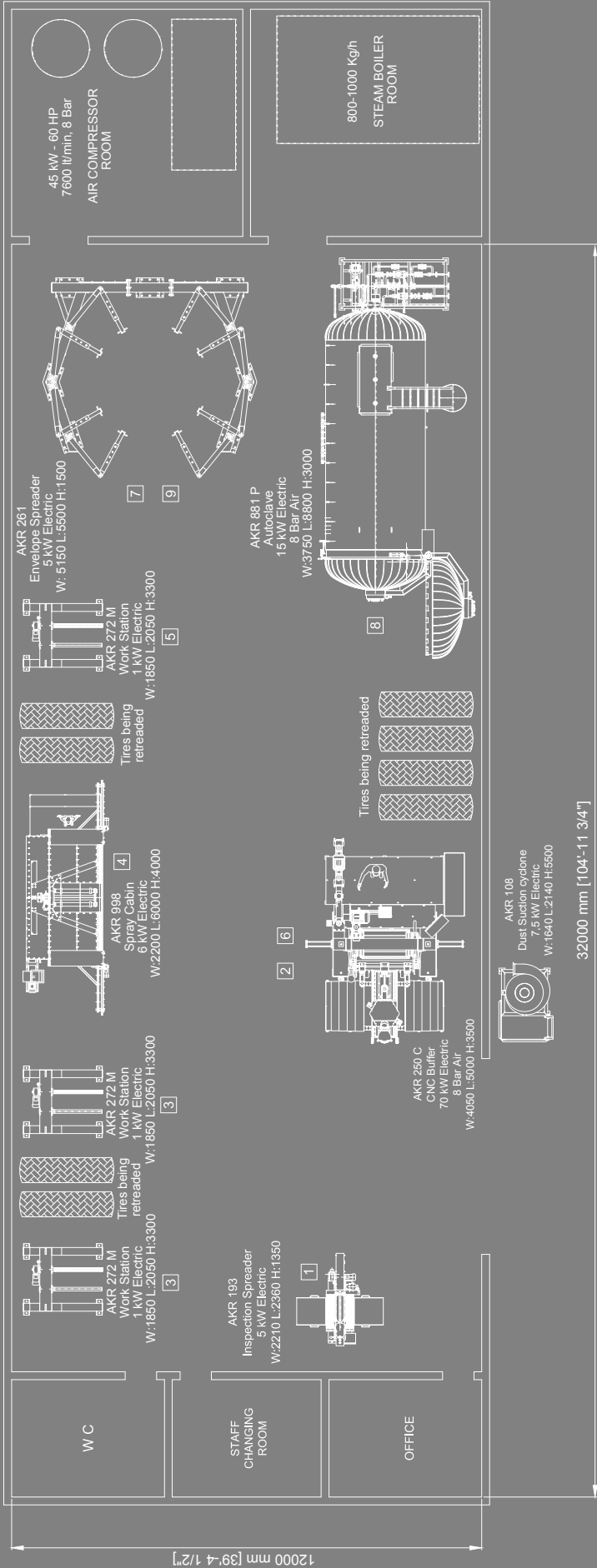
AKR 261

AKR 270

TIRE SIZES	External Diameter (mm)	External Width (mm)	Precured System			Orbitread System	
			SMART PACK	MID PACK	OPTI PACK	ORBI PACK	ULTRAORBI PACK
1200R24"	1275	323	✓	✓	✓	✓	✓
1300R24"	1290	357					
1400R24"	1365	390	✓	✓	✓	✓	✓
1500R24"	1338	445	✓	✓	✓	✓	✓
1600R24"	1485	424	✓	✓	✓	✓	✓
14,9R24"	1277	384	✓	✓	✓	✓	✓
16,9R24"	1311	454	✓	✓	✓	✓	✓
17,5R24"	1258	452	✓	✓	✓	✓	✓
19,5R24"	1315	490	✓	✓	✓	✓	✓
20R24"	1452	605	✓	✓	✓	✓	✓
555/70R24"	1450	611	✓	✓	✓	✓	✓
1300R25"	1304	347	✓	✓	✓	✓	✓
1400R25"	1406	390	✓	✓	✓	✓	✓
395/60R25"	1270	403	✓	✓	✓	✓	✓
15,5R25"	1275	392	✓	✓	✓	✓	✓
1600R25"	1535	450	✓	✓	✓	✓	✓
17,5R25"	1400	444	✓	✓	✓	✓	✓
1800R25"	1681	515	✓	✓	✓	✓	✓
20,5R25"	1495	533	✓	✓	✓	✓	✓
555/70R25"	1402	542	✓	✓	✓	✓	✓
21,0R25"	1728	594	✓	✓	✓	✓	✓
23,5R25"	1672	621	✓	✓	✓	✓	✓
625/70R25"	1524	610	✓	✓	✓	✓	✓
25/65R25"	1486	635	✓	✓	✓	✓	✓
650/65R25"	1502	642	✓	✓	✓	✓	✓
26,5R25"	1790	697	✓	✓	✓	✓	✓
29,5R25"	1925	779	✓	✓	✓	✓	✓
18,4R26"	1424	475	✓	✓	✓	✓	✓
16,9R28"	1426	448	✓	✓	✓	✓	✓
19,5R28"	1435	515	✓	✓	✓	✓	✓
775/65R29"	1740	775	✓	✓	✓	✓	✓
875/65R29"	1865	850	✓	✓	✓	✓	✓
26,5R29"	1838	714	✓	✓	✓	✓	✓
29,5R29"	2008	779	✓	✓	✓	✓	✓
30/65R29"	1896	846	✓	✓	✓	✓	✓
33,25R29"	2074	835	✓	✓	✓	✓	✓
16,9R30"	1470	446	✓	✓	✓	✓	✓
18,4R30"	1538	486	✓	✓	✓	✓	✓
18,00R33"	1890	515	✓	✓	✓	✓	✓
33,5R33"	2228	846	-	✓	✓	✓	✓
21/90R33"	1856	527	✓	✓	✓	✓	✓
21,00R33"	1998	578	✓	✓	✓	✓	✓
35/65R33"	2075	904	-	✓	✓	✓	✓
37,5R33"	2372	983	-	✓	✓	✓	✓
18,4R34"	1634	493	✓	✓	✓	✓	✓
21,00R35"	2048	577	-	✓	✓	✓	✓
24,00R35"	2194	660	-	✓	✓	✓	✓
29,5R35"	2120	768	-	✓	✓	✓	✓
33,25R35"	2228	856	-	✓	✓	✓	✓
37,25R35"	2388	954	-	✓	✓	✓	✓
37,5R39"	2526	982	-	✓	✓	✓	✓
40,5/75R39"	2609	1002	-	✓	✓	✓	✓
45/65R39"	2580	1074	-	✓	✓	✓	✓
45/65R45"	2730	1123	-	✓	✓	✓	✓
24,00R49"	2547	656	-	✓	✓	✓	✓
27,00R49"	2708	750	-	✓	✓	✓	✓
31/90R49"	2694	771	-	✓	✓	✓	✓
30,00R51"	2911	854	-	✓	✓	✓	✓
33,00R51"	3063	932	-	✓	✓	✓	✓
36,00R51"	3204	1015	-	✓	✓	✓	✓
50/65R51"	3070	1278	-	✓	✓	✓	✓
27R56,5"	2557	705	-	✓	✓	✓	✓
37,00R57"	3440	1540	-	✓	✓	✓	✓
42/90R57"	3456	1060	-	✓	✓	✓	✓
40,00R57"	3575	1140	-	✓	✓	✓	✓
46/90R57"	3585	1145	-	✓	✓	✓	✓
55,5/80R57"	3740	1410	-	✓	✓	✓	✓
50/90R57"	3825	1283	-	✓	✓	✓	✓
53/80R63"	3833	1300	-	✓	✓	✓	✓
55/80R63"	3912	1400	-	✓	✓	✓	✓
59/80R63"	4025	1470	-	✓	✓	✓	✓

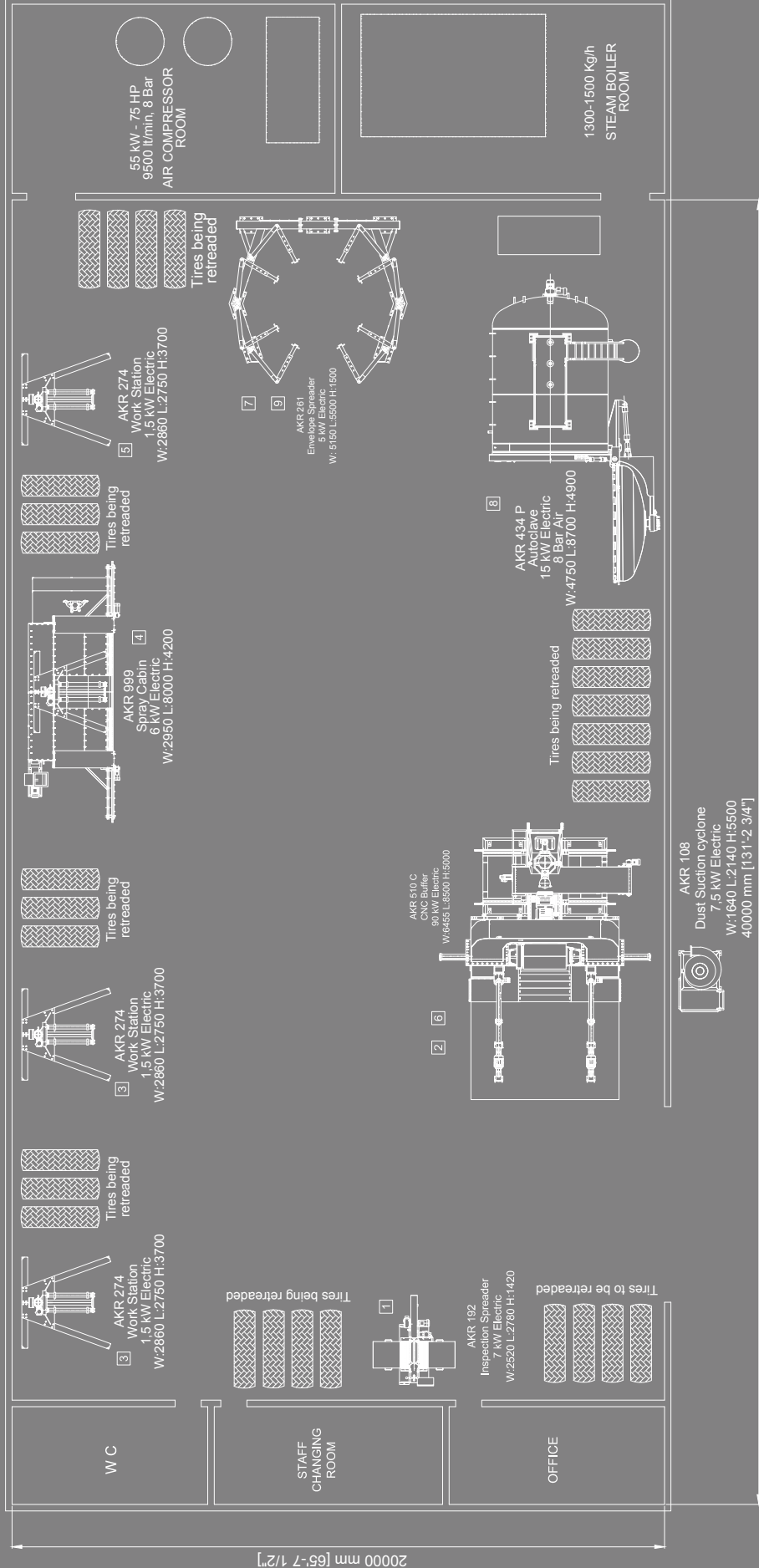
LARGE PROJECTS
REQUIRE STRONG TEAMS

A – SMARTPACK OTR RETREADING



- THE OTR TIRE RETREADING STEPS
- 1- INSPECTION (AKR 193)
 - 2- PEELING & BUFFING (AKR 250 C)
 - 3- SKIVING (AKR 272 M)
 - 4- CEMENTING (AKR 998)
 - 5- FILLING (AKR 272 M)
 - 6- PRECURED TREAD APPLICATION (AKR 250 C)
 - 7- ENVELOPING (AKR 261)
 - 8- CURING (AKR 881 P)
 - 9- REMOVING ENVELOPE (AKR 261)

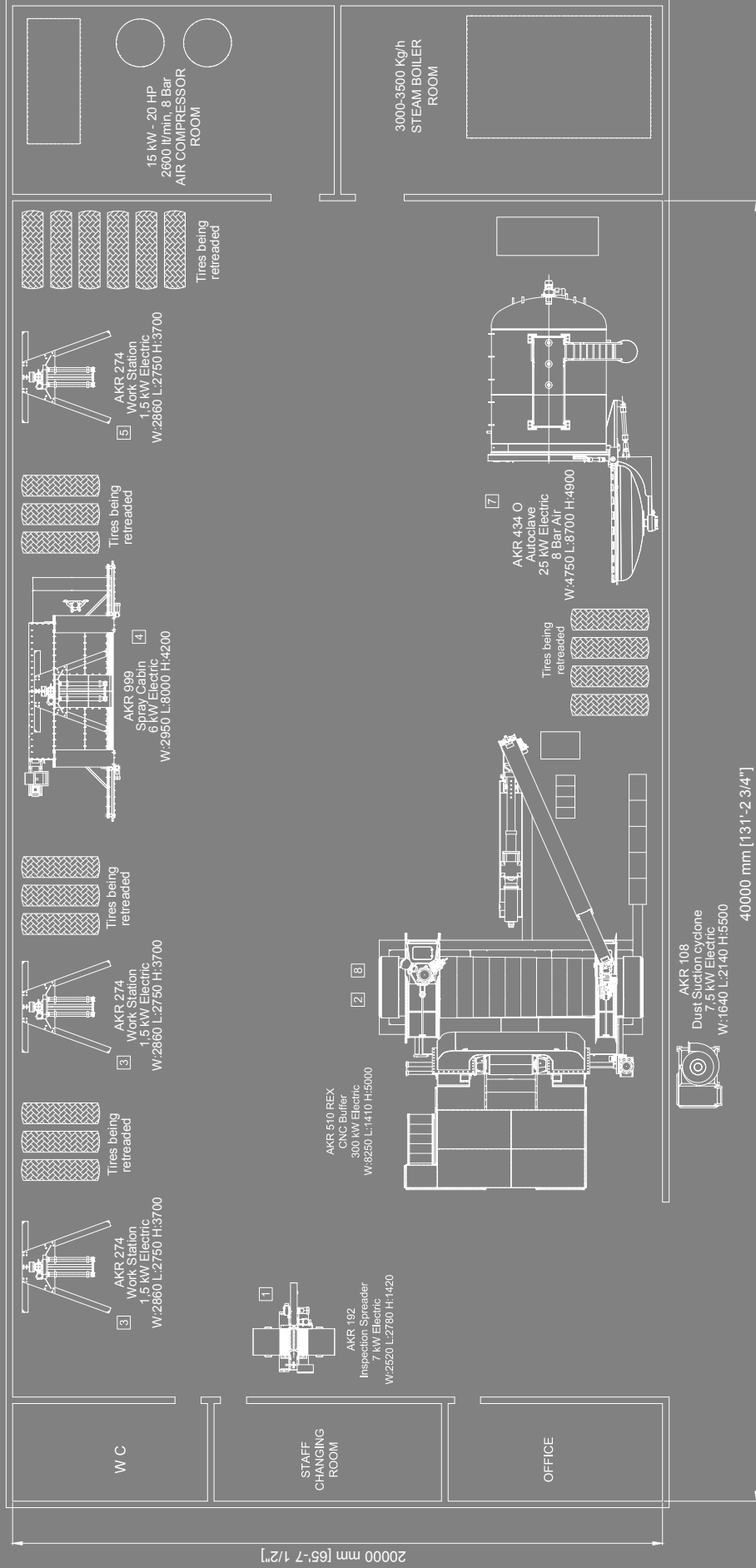
B - MIDPACK OTR RETREADING



- THE OTR TIRE RETREADING STEPS
- 1- INSPECTION (AKR 192)
 - 2- PEELING & BUFFING (AKR 510 C)
 - 3- SKIVING (AKR 274)
 - 4- CEMENTING (AKR 999)
 - 5- FILLING (AKR 274)
 - 6- PRECURED TREAD APPLICATION (AKR 510 C)
 - 7- ENVELOPING (AKR 261)
 - 8- CURING (AKR 434 P)
 - 9- REMOVING ENVELOPE (AKR 261)

The Tire Ranges to be Retreaded: 12.00 R 24" - 36.00 R 51"

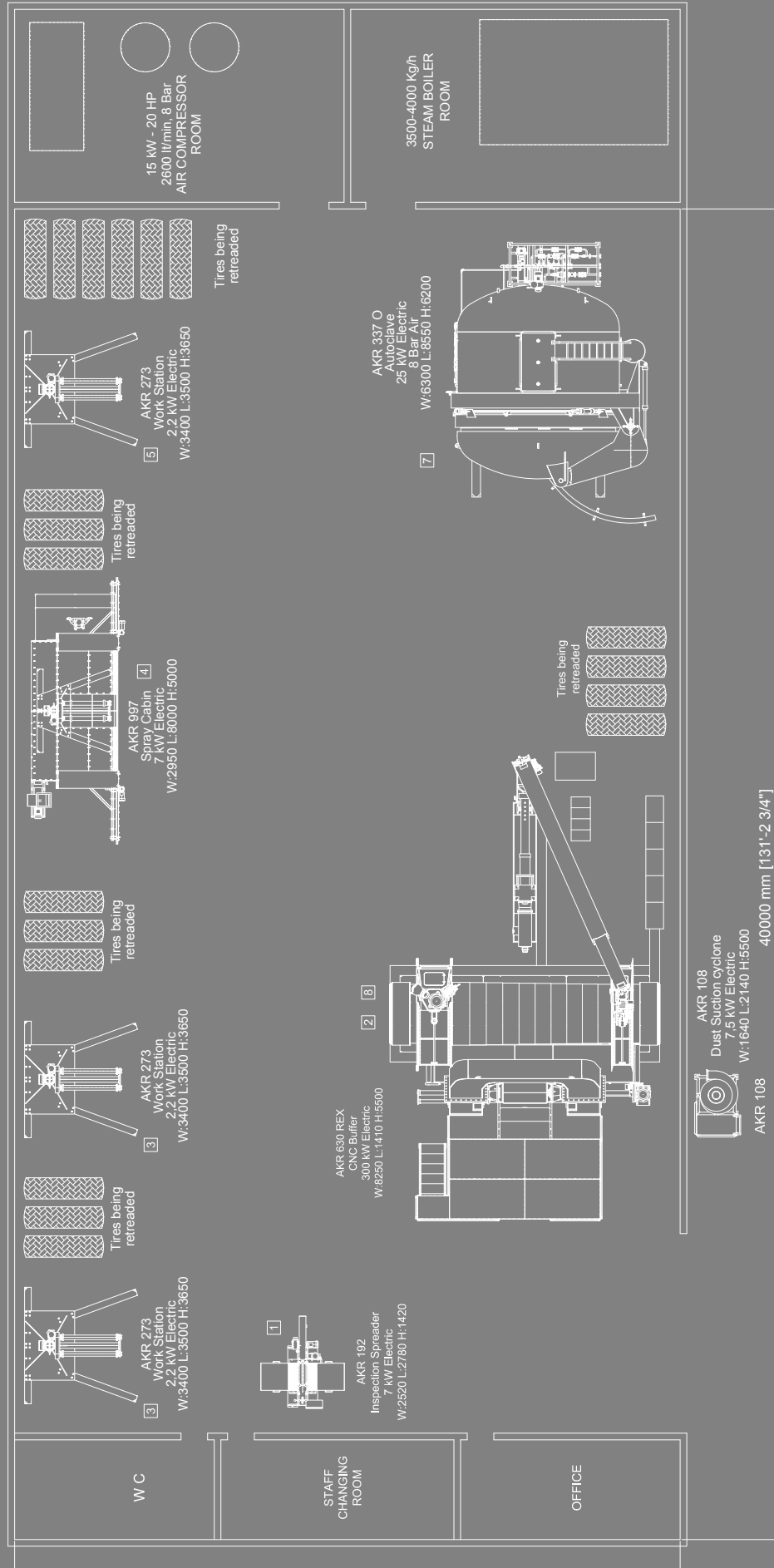
C - ORBIPACK OTR RETREADING



- THE OTR TIRE RETREADING STEPS
- 1- INSPECTION (AKR 192)
 - 2- PEELING & BUFFING (AKR 510 REX)
 - 3- SKIVING (AKR 274)
 - 4- CEMENTING (AKR 999)
 - 5- FILLING (AKR 274)
 - 6- BUILDING (AKR 510 REX)
 - 7- CURING (AKR 434 O)
 - 8- RE-GROOVING (AKR 510 REX)

The Tire Ranges to be Retreaded: 12.00 R 24" - 36.00 R 51"

D - ULTRA ORBIPACK OTR RETREADING



The Tire Ranges to be Retreaded: 12R 24" - 59/80 R 63"

- THE OTR TIRE RETREADING STEPS
- 1- INSPECTION (AKR 192)
 - 2- PEELING & BUFFING (AKR 630 REX)
 - 3- SKIVING (AKR 273)
 - 4- CEMENTING (AKR 997)
 - 5- FILLING (AKR 273)
 - 6- BUILDING (AKR 630 REX)
 - 7- CURING (AKR 337 O)
 - 8- RE-GROOVING (AKR 630 REX)

CERTIFICATIONS





**Offering services to customers in
many countries through
its turnkey tire retreading plants,**

Akarmak occupies
a leading position and providing
outstanding solutions to
customers around the world.



• Akarmak has the right to make changes in the technical features of the equipment presented in this catalogue without the advance notice to its customers.



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AKAR MAKİNA SAN. ve TİC. A.Ş.

A : Organize Sanayi Bölgesi 14. Cd.
No:8 26110 Eskişehir / TURKEY

T : +90.222 236 17 00

F : +90.222 236 17 02

E : info@akarmak.com.tr