



MASTER TIRE CO.



PRODUCT

CATALOG

mastertireco.com

MASTER TIRE CO.

Welcome to Master Tire Co., an Iranian provider of premium tires and raw materials to the global transportation industry.

We are committed to delivering high-quality tires that meet the specific needs of our customers, from passenger cars to commercial vehicles and off-road applications. Our extensive experience in the tire industry, coupled with our dedication to innovation and quality, ensures that we consistently exceed expectations.



We are proud to offer our premium products to a global clientele. With a commitment to international excellence, Master Tire Co. is dedicated to meeting the diverse needs of customers around the world. As part of our global outreach, we strategically export our products to countries like Russia, Azerbaijan, Pakistan, Iraq, Syria, Afghanistan and African countries. Our commitment to quality, reliability, and customer satisfaction extends beyond borders, and we take pride in serving clients all over the world.

In this catalog we list the products and services offered by Master Tire Co., including PCR, TBR, OTR tires, and raw materials like carbon black. We also provide information about the company's industrial partners, Razi Industrial Group and their four factories, Razi, Goldstone, Yazd, and Simorgh.

CONTENTS



Carbon black

Carbon Black, the cornerstone of our tire manufacturing process, imparts exceptional strength, durability, and wear resistance to our tires.



PCR Tire

Our passenger car radial tires are meticulously engineered to provide the ultimate driving experience, combining better handling, comfort, and fuel efficiency.



TBR Tire

Our truck, bus radial tires are engineered to withstand the demanding and rigorous requirements of commercial vehicles, offering maximum safety and performance.



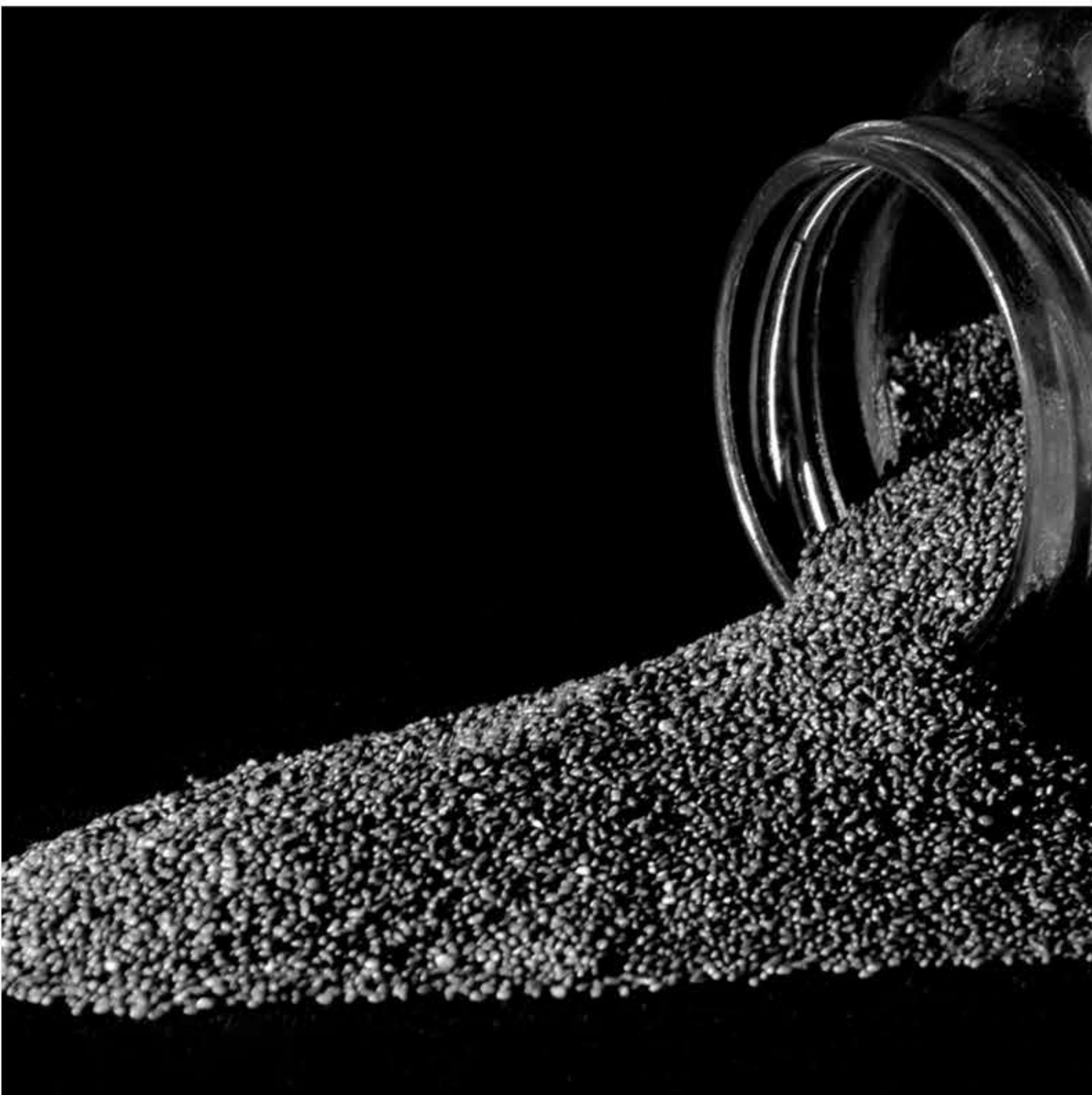
OTR Tire

Our off-the-road tires are specifically designed to excel in the most demanding terrains, providing superior traction, durability, and puncture resistance.

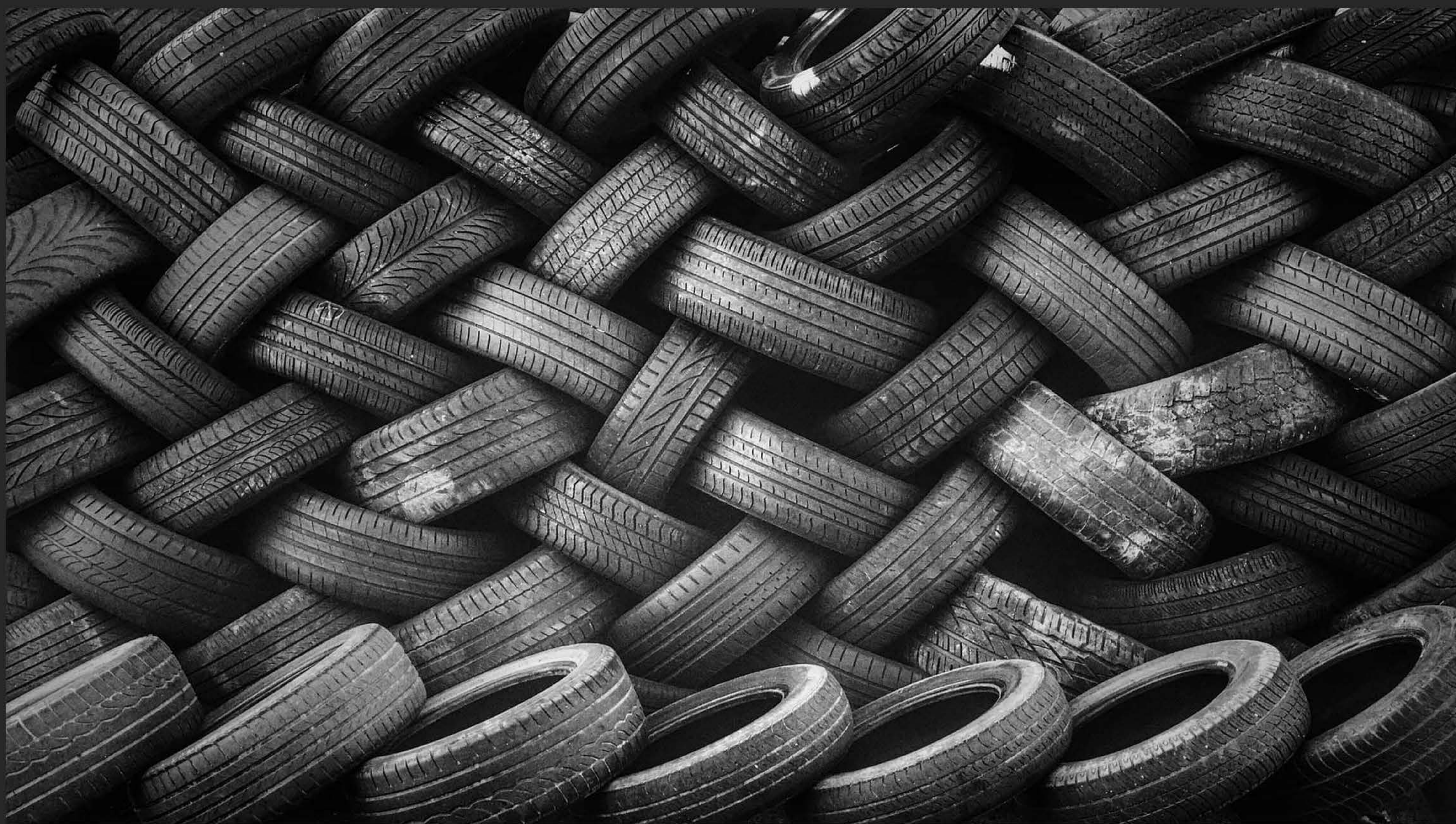
CARBON BLACK



Carbon black is virtually pure elemental carbon in the form of colloidal particles that are produced by incomplete combustion or thermal decomposition of gaseous or liquid hydrocarbons under controlled conditions and is composed of fine particles consisting mainly of carbon.



The manufacturing process classifies carbon black. The furnace black process is currently the most common method used for manufacturing carbon black for various applications from rubber reinforcement to coloring. A large amount of carbon black is used mainly in tires as excellent rubber reinforcement. Although, because of its unique properties, the uses of carbon black have expanded to include other products, including; industrial rubber products, plastics, and printing inks.



CARBON BLACK SPECIFICATION



TEST NAME	UNIT	ASTM METHOD	N-220	N-234	N-326	N-330	N-339	N-347	N-375	N-550	N-660	N-772
Iodine Number	mg/g	ASTM D1510	116-126	115-125	77-87	77-87	85-95	85-95	85-95	38-48	31-41	25-35
DBP Absorption Number	ml/100g	ASTM D2414	109-119	120-130	67-77	97-107	115-125	119-129	109-119	116-126	85-95	60-70
CDBP Absorption Number	ml/100g	ASTM D3493	93-103	97-107	63-73	83-93	94-104	94-104	91-101	80-90	69-79	54-64
Heating Loss (max)	%w	ASTM D1509	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Pour Density	g/l	ASTM D1513	335-375	300-340	435-475	360-400	325-365	315-355	325-365	340-380	420-460	500-540
Toluene Discoloration (min)	%T	ASTM D1618	90	90	90	90	90	90	90	85	85	85
Sieve Residue NO.35 (max)	ppm	ASTM D1514	0	0	0	0	0	0	0	0	0	0
Sieve Residue NO.325 (max)	ppm	ASTM D1514	200	200	200	200	200	200	200	200	200	200
PH Value		ASTM D1512	7.5 - 9	7.5 - 9	7.5 - 9	7.5 - 9	7.5 - 9	7.5 - 9	7.5 - 9	7.5 - 9	7.5 - 9	7.5 - 9
Ash Content	%w	ASTM D1506	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
FINES (Bag) (max)	%w	ASTM D1508	10	10	10	10	10	10	10	10	10	10
FINES (Big Bag) (max)	%w	ASTM D1508	7	7	7	7	7	7	7	7	7	7
Individual Pellet Hardness	CN	ASTM D3313	10-40	10-40	10-40	10-40	10-40	10-40	10-40	10-40	10-40	10-40
Sulfur Content (max)	%w	ASTM D1619	1	1	1	1	1	1	1	1	1	1
Nitrogen Surface Area	m ² /g	ASTM D6556	109-126	114-124	73-83	73-83	86-96	80-90	88-98	35-45	30-40	27-37
Tint Strength	% ITRB	ASTM D3265	111-121	118-128	106-116	99-109	106-116	100-110	109-119	58-68	53-67	

PASSENGER CAR RADIAL

With innovative features and cutting-edge technology, our tires offer exceptional handling, comfort, and fuel efficiency, making every journey a smooth and enjoyable one. From daily commutes to weekend getaways, our passenger car radial tires are the perfect choice for drivers who demand the best.



Discover our comprehensive range of passenger car radial tires, designed to meet the specific requirements of various vehicle types and driving styles. Choose from our diverse selection of premium brands and models to find the perfect fit for your car.

PRODUCT LIST



No.	Size	Pattern Code	Load Index	Speed Index	Overall Dia (mm)
1	165/65 R13	RG-400	77	H	542
2	175/60 R13	RG-400	77	H	540
3	175/70 R13	RG-400	82	H	577
4	185/65 R14	RG-550	86	H	596
5	205/60 R14	RG-550	86	H	602
6	205/60 R15	RG-550	88	H	627
7	185/65 R15	RG-550	88	H	621
8	195/65 R15	RG-550	91	H	615
9	205/55 R16	RG-550	91	V	632
10	195 R14 C	RG-418	106S/104D	R	667
11	185/65 R14	RG-410	86	H	598
12	165/65 R13	RG-414	77	H	543



No.	Size	Pattern Code	Load Index	Speed Index	Overall Dia (mm)	Overall Width (mm)	Pattern Name
1	165/SR R13	GS-600	82	S	592	166	-
2	165/65 R13	GS-250	77	H	542	169	Commandant
3	165/65 R13	GS-2030	77	H	544	170	Universal
4	175/60 R13	GS-2030	77	H	540	178	Matrix
5	175/70 R13	GS-2030	82	T	576	176	Montana
6	185/60 R14	GS-2020	82	H	578	188	Galaxy
7	185/65 R14	GS-2000	86	H	596	188	Energy Saving
8	185/65 R14	GS-2020	86	H	595	187	Infinity
9	185/65 R14	GS-2020	84	H	602	188	Sabalan
10	185/60 R15	GS-2000	88	H	621	189	Energy Saving
11	185/65 R15	GS-2020	88	H	621	189	Galaxy
12	185/65 R15	GS-830	92	T	622	190	Snowza
13	185/65 R15	GS-2020	95	S	620	189	Super
14	185/75 R16C	GS-416	104 S/102 D	R	684	185	Trinity
15	195 R14C	RG-418	106 S/104 D	R	667	199	Victory
16	195/60 R15	GS-2060	86	H	616	199	Starlet
17	195/65 R15	GS-2020	91	H	635	201	Extreme
18	205/55 R16	GS-2050	91	V	632	215	Orient

PRODUCT LIST



No.	Size	Load Index	Speed Index	Overall Dia (mm)	Overall Width (mm)	Pattern Name
1	JUPITER 185/65 R15 XL	92	T	621	189	JUPITER
2	JUPITER 165/80 R13	83	T	594	165	JUPITER
3	EARTH 225/65 R17	102	H	724	228	EARTH
4	EARTH 215/60 R17	96	H	690	221	EARTH
5	MARS 205/50 R16	87	H	612	214	MARS
6	MARS 185/60 R14	82	H	578	189	MARS
7	MARS 175/60 R13	77	H	540	177	MARS
8	LUNAR 185/60 R15	84	H	603	189	LUNAR
9	MERCURY 205/60 R14	88	H	602	209	MERCURY
10	MERCURY 185/65 R15	88	H	621	189	MERCURY
11	MERCURY 185/65 R14	86	H	596	189	MERCURY
12	NEPTUNE 215/55 R17	94	V	668	226	NEPTUNE
13	NEPTUNE 205/55 R16	91	V	632	214	NEPTUNE
14	NEPTUNE 195/60 R15	88	V	615	201	NEPTUNE
15	NEPTUNE 215/60 R16	95	V	664	221	NEPTUNE
16	MERCURY 205/60 R15	91	H	627	209	MERCURY
17	NOVA 195/60R15	88	V	615	201	NOVA
18	NOVA 185/65R15	88	H	621	189	NOVA
19	NOVA 205/55R16	91	V	632	214	NOVA
20	NOVA 185/65R14	86	H	596	189	NOVA
21	SATURN 165/65 R13	86	S	544	170	SATURN
22	PLANET 185/60R14	82	H	578	189	PLANET
23	PLANET 175/70R13	82	T	576	177	PLANET
24	SKY 215/60 R16	95	V	664	221	SKY
25	SKY 215/55 R16	94	V	668	226	SKY
26	SKY 205/55 R16	91	V	632	214	SKY
27	SATURN 165/70R13C	88/86	S	562	170	SATURN
28	SATURN 165/65 R13 XL	86	S	544	170	SATURN
29	UNIVERSE 235/65R17	104	H	738	240	UNIVERSE
30	UNIVERSE 225/55R18	98	H	705	233	UNIVERSE
31	SUN 175/60 R13	77	H	540	177	SUN
32	SUN 165/65 R13	77	T	544	170	SUN
33	URANUS 195/65 R15	91	H	635	201	URANUS
34	URANUS 185/65 R15	88	H	621	189	URANUS
35	URANUS 185/65 R14	86	H	596	189	URANUS
36	URANUS 175/60 R13	77	H	540	177	URANUS
37	VENUS 175/70 R13	82	T	576	177	VENUS
38	VENUS 165/65 R13	77	T	544	170	VENUS
39	URANUS 215/55 R16	93	V	642	226	URANUS
40	URANUS 205/60 R15	91	H	627	209	URANUS
41	SOLAR 195 R15C	106/104	R	690	198	SOLAR
42	SOLAR 195 R14C	106/104	R	666	198	SOLAR
43	Moon LT 215/75 R15	106/103	S	703	216	MOON
44	STELLAR 165/70R13C	88/86	S	562	170	STELLAR



TRUCK, BUS RADIAL

Our truck, bus radial tires are engineered to withstand the demanding and rigorous requirements of commercial vehicles.

With superior strength, durability, and traction, our tires provide maximum safety and performance for commercial transportation operations. From heavy-duty trucks to high-speed buses, our truck, bus, and coach radial tires are the ideal choice for commercial fleets.



At the heart of our TBR tire collection is a commitment to unparalleled engineering. Each tire is meticulously crafted using state-of-the-art technology and premium-grade materials. Our team of experts combines precision with innovation to deliver TBR tires that excel in diverse road conditions, providing optimal traction, stability, and fuel efficiency.

PRODUCT LIST



No.	Size	Pattern Code	Load Index (Single)	Speed Index	Overall Dia (mm)	Overall Width (mm)
1	215/75 R17.5	RL2	126	M	770	218
2	215/75 R17.5	RM3	126	K	775	218
3	235/75 R17.5	RL2	132	M	790	235
4	235/75 R17.5	RM3	132	K	800	235
5	315/80 R22.5	RT1	156	K	1090	325
6	315/80 R22.5	RL3	156	L	1085	325
7	315/80 R22.5	RL4	156	L	1085	325
8	385/65 R22.5	RL2	160	L	1066	390
9	385/65 R22.5	RM1	160	K	1070	390
10	12.00 R24	RM5	160	K	1225	305
11	12.00 R24	RL1	160	K	1225	305
12	12.00 R24	RF1	160	F	1235	310



No.	Size	Pattern Code	Load Index	Speed Index
1	6.50-14 8P	MRC	102 s/100 D	N
2	6.50-16 10P	MRN	108	L
3	7.00-16 12P	MRN	115 S/113 D	L
4	7.50-16 8P	GS-55	114 S/112 D	N
5	7.50-16 14P	MRN	122 S/121 D	J
6	7.50-16 14P	ULN	122 S/121 D	J
7	8.25-16 14P	ULN	128 S/126 D	J
8	8.25-16 14P	MRN	128 S/126 D	J
9	10.00-20 16P	KMN	146 S/143 P	J
10	10.00-20 16P	H869	147 S/143 P	J
11	11.00-20 16P	ULN	149 S/145 P	J
12	11.00-20 16P	KMN	150 S/145 P	J
13	12.00-20 18P	UTN	149 S/146 D	J
14	12.00-20 18P	KMN	149 S/146 D	J
15	12.00-20 18P	ULN	149 S/146 D	J
16	12.00-24 18P	ULN SUPER	156 S/153 D	J
17	12.00-24 18P	ULN SUPER	156 S/153 D	J
18	12.00-24 18P	KMN	156 S/153 D	J



No.	Size	Overall Dia (mm)	Overall Width (mm)	Pattern Name
1	YTB-400 7.50-16	816 - 794	222	YTB-400
2	YTB-400 7.00-16	786 - 766	204	YTB-400
3	YT-300 6.50-16	760 - 740	185	YTB-300
4	YT-300 6.50-14	712 - 692	185	YTB-300
5	YTB-500 7.00-16	786 - 766	204	YTB-500
6	YTB-500 7.50-16	816 - 794	222	YTB-500
7	YTB-600 7.50-16	816 - 794	222	YTB-600





OFF THE ROAD

From rock crawling to desert exploration, our off-road tires are the perfect companions for your adventurous spirit. Experience unparalleled traction, exceptional durability, and unwavering performance with Master Tire Co.'s off-road tires.



No.	Size	Pattern Code	Load Index	Speed Index
1	7.50-16 8P	GS-800	111	A8
2	12.4/11-24 8P	GS-2040	119	A8
3	14.9/13-24 10P	GS-2040	130	A8
4	18.4/15-30	GSX-2000	149/151	A8/A6
5	18.4/15-34	GSX-2000	146/149	A8/A6
6	18.4/15-34	GSX-2200	146/149	A8/A6



شرکت سرمایه‌گذاری گروه صنعتی رازی (سهامی عام)
Razi Industrial Group Investment

ABOUT RAZI GROUP

The Razi Industrial Group was established in 1980, and initially, the idea took shape with the formation of Razi Chemical Company for the production of various industrial and household adhesives, which came into production in 1982. Razi Chemical Company produces 18,000 tons of adhesives annually. The following year, the idea of tire production took shape with the establishment of Arta Wheel Tire Company, and subsequently, Kian Chemical and Kimia Resin companies were established for the production of various chemical materials.

The primary shares of Jamedaru and Yazd Rubber companies were gradually acquired, and these two companies were added to the Razi Industrial Group factories.

The mission of the Razi Industrial Group is to produce high-quality goods.

SUB BRANDS

GoldStone

The Arta Wheel Tire Industrial Complex, established as the largest tire manufacturing plant in the northwest of the country, is located six kilometers from the city of Ardabil. The company commenced its production activities in 1997. The trade name "Goldstone" was chosen for its products.

The initial capacity of the company was 25,000 tons per year (various types of tires, tubes, and heavy-duty vehicle flaps), which increased to 35,000 tons per year in a short period. With the increase in production, the current factory capacity is 40,000 tons per year, producing over 30 sizes, including light, heavy, and agricultural tires.

RAZI TIRE

The Razi Tire Expansion Company was established on 2014 with the participation of the private sector and the Organization for the Expansion and Renovation of Industries in Iran (IDRO).

Scope of Activities: Production of radial tires (light and heavy). The project's land area is 54 hectares with the investment of Over 8,500 billion Rials, equivalent to 215 million Euros. The production varies from Passenger tires to van and SUV tires (steel-belted), and radial bus tires.

Annual Production Capacity: 50,000 tons per year (70% passenger tires, equivalent to 350,000 units per year, and 30% heavy tires, equivalent to 260,000 units per year).

Technical Knowledge Supply: The technology of Apollo-Vredestein is accessible, and negotiations are ongoing with other prominent tire manufacturing companies worldwide.

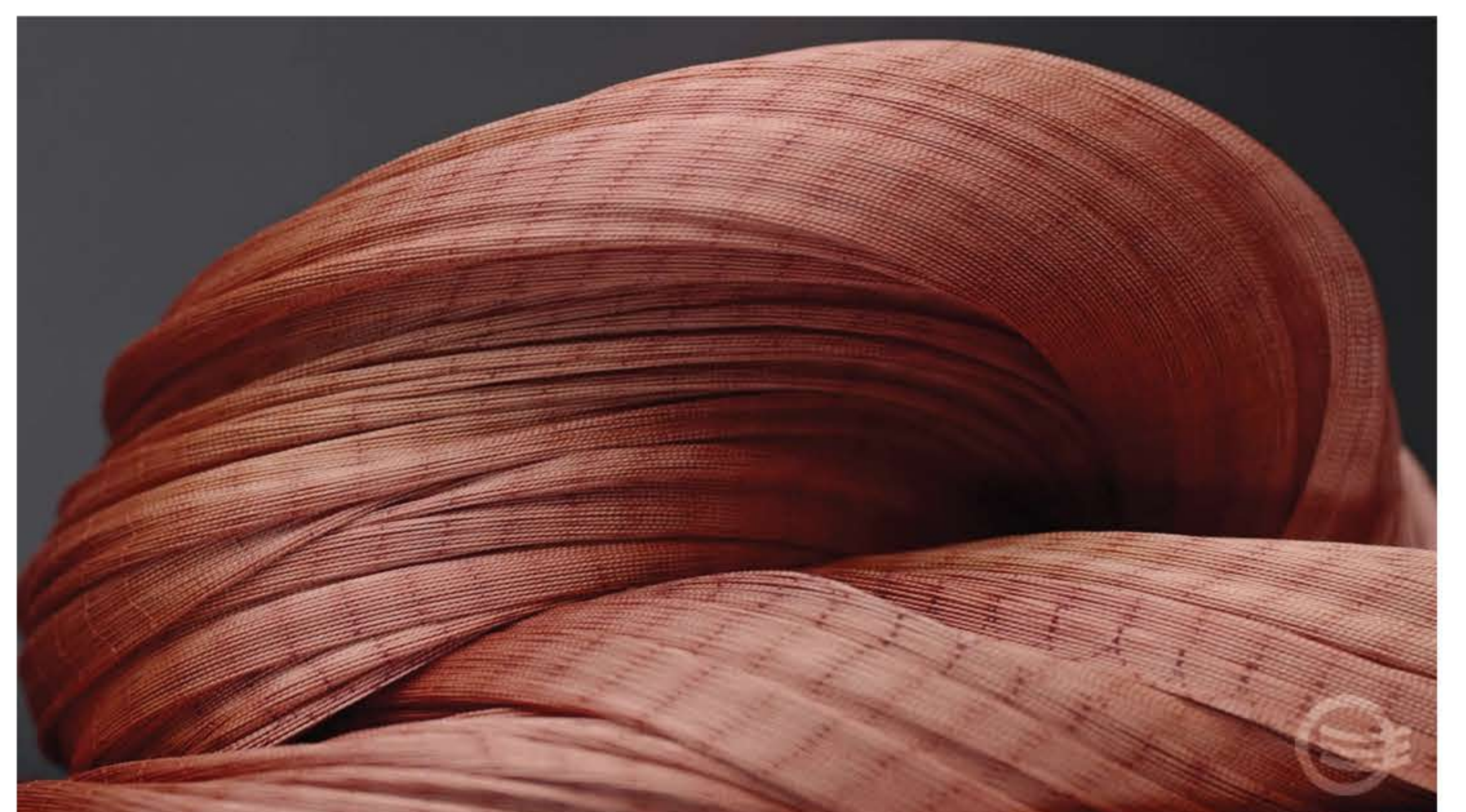
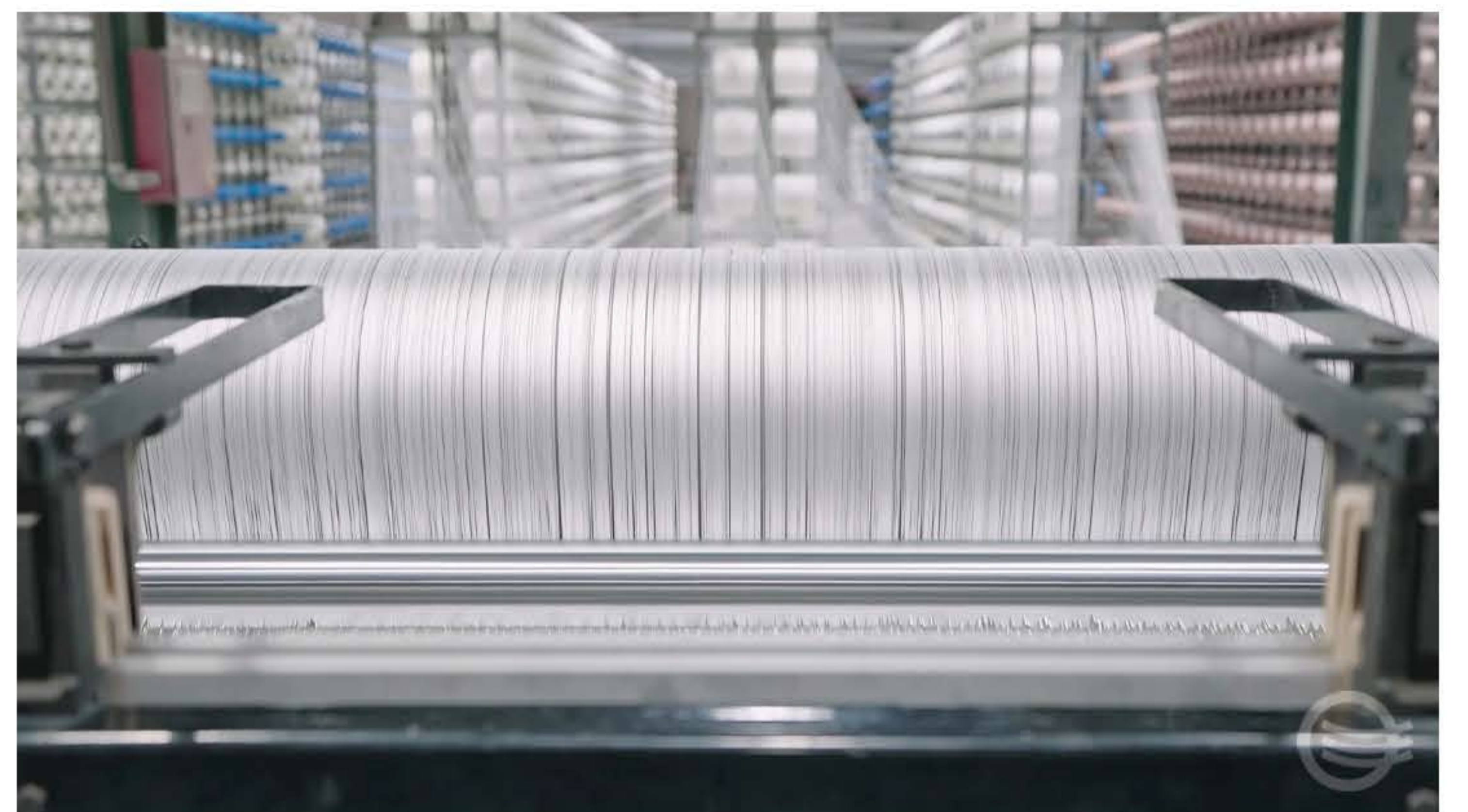
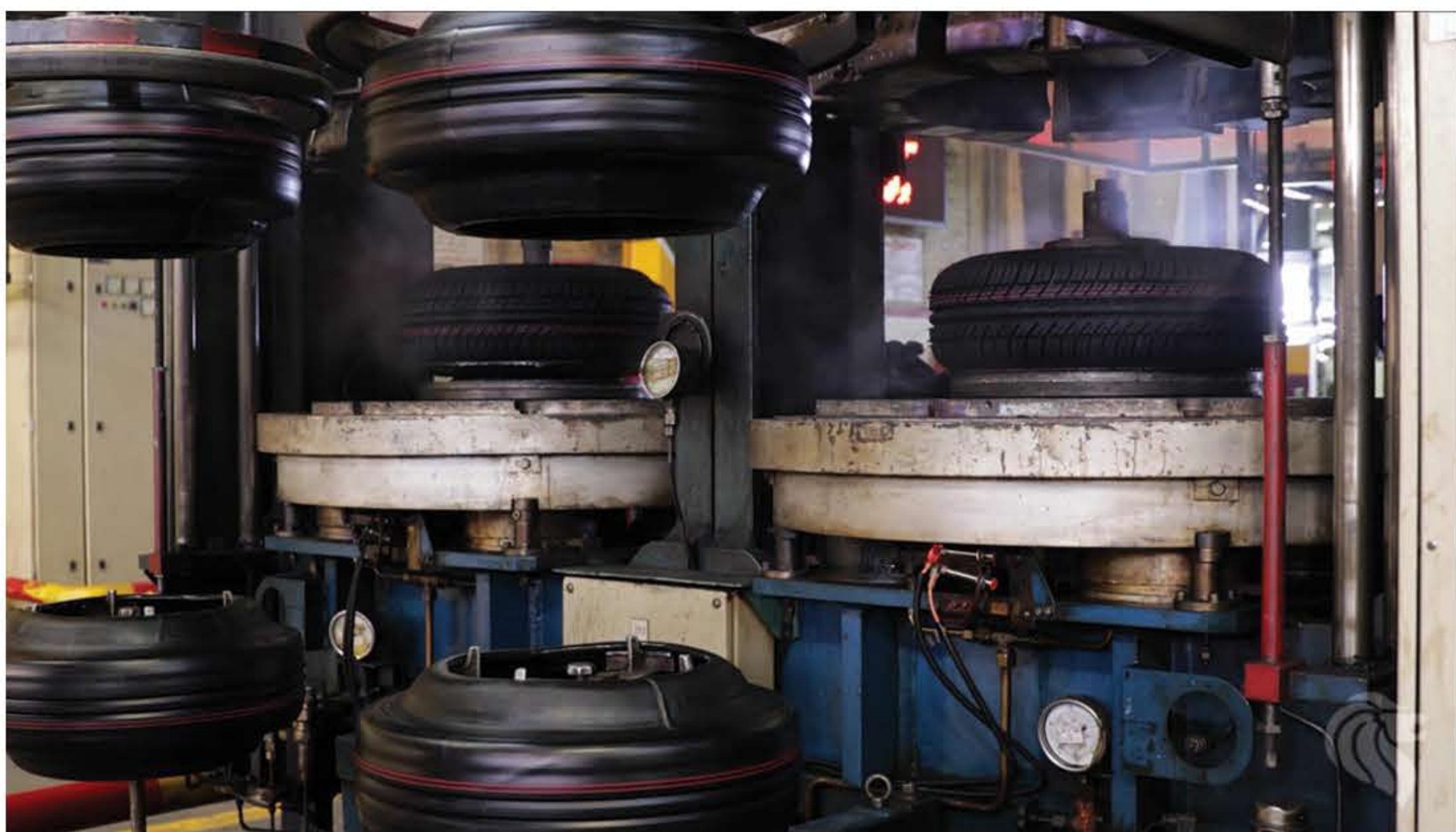
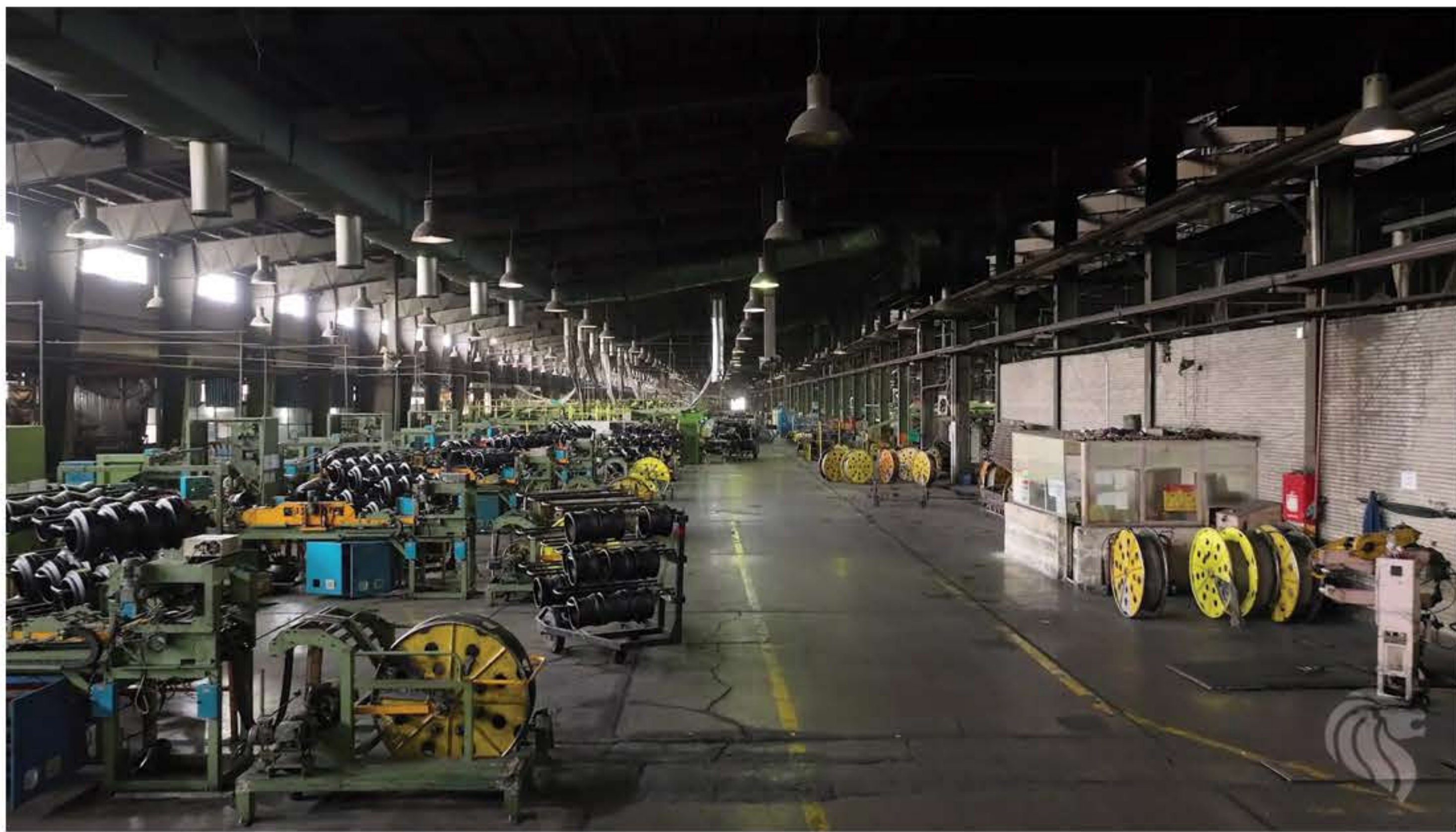
YAZD TIRE

The Yazd Rubber Industries Complex began its activities in the city of Yazd in the years 1985-1986 following studies and obtaining initial approvals. The production line for bicycle and motorcycle tires and tubes was established, utilizing technical knowledge from the I-R-C Company in Japan. In addition, a production line for bias-ply passenger and van tires was inaugurated in 1997 with the use of domestic technology. Since then, this complex has consistently taken effective steps towards improving and optimizing its products.

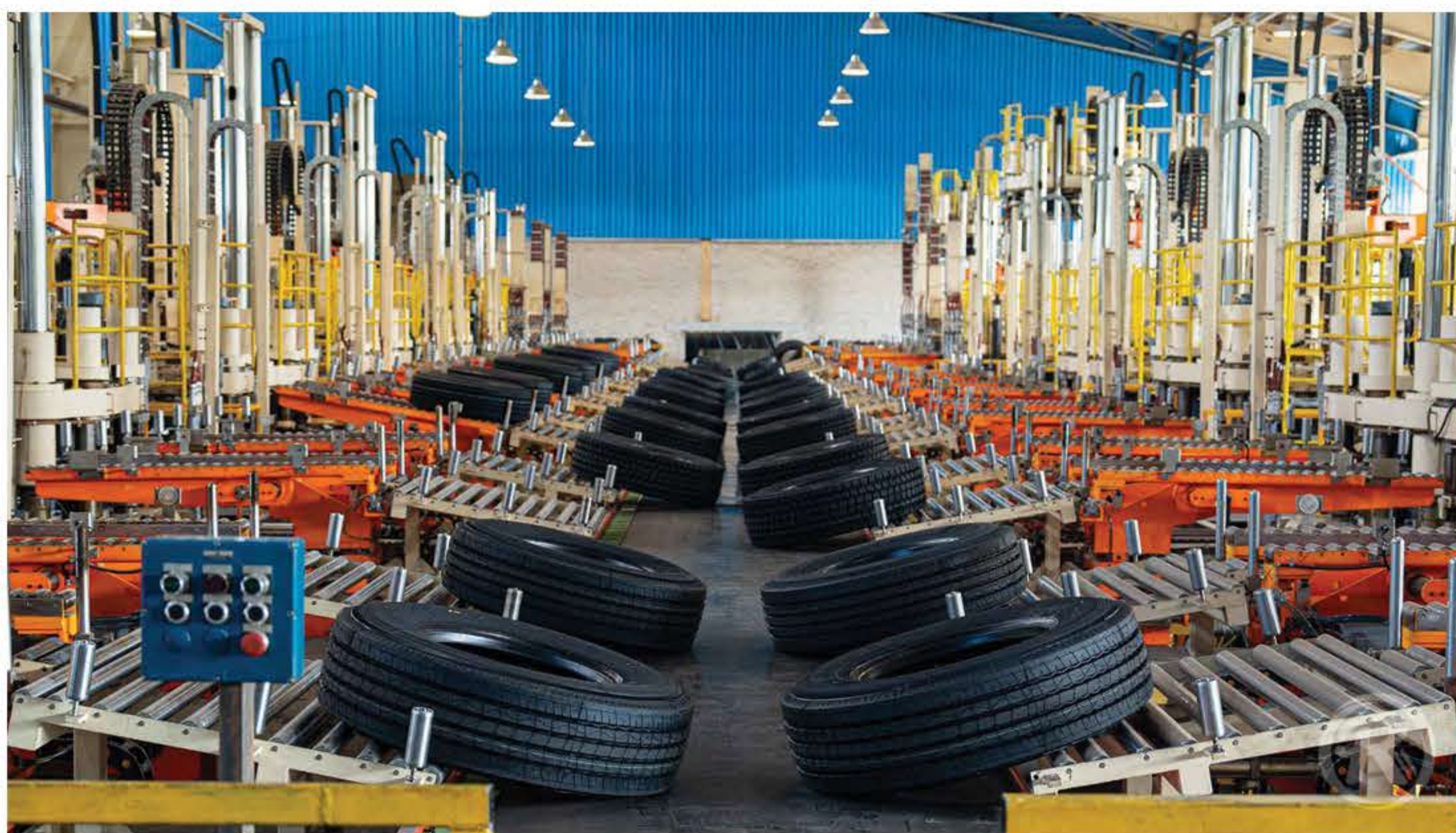
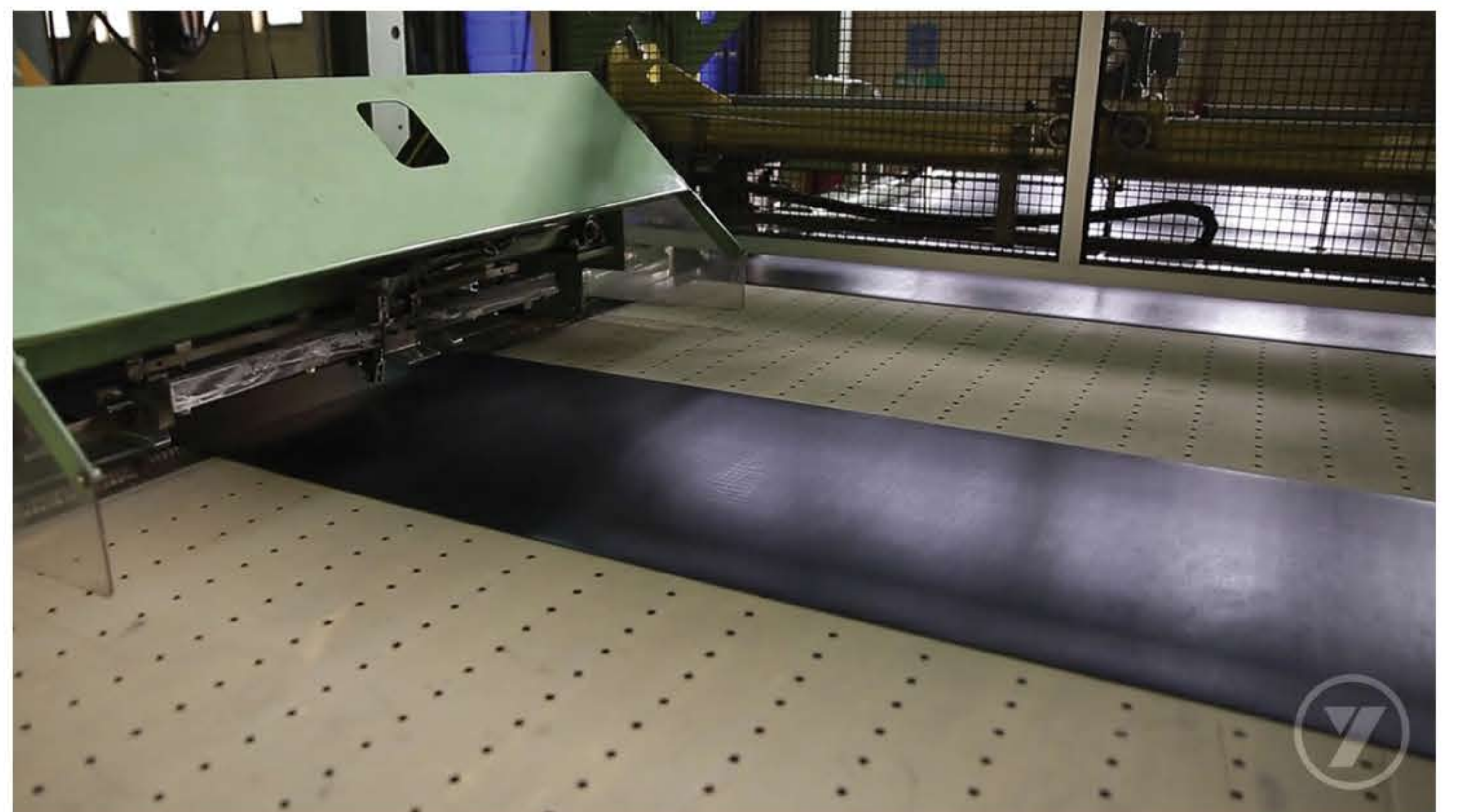
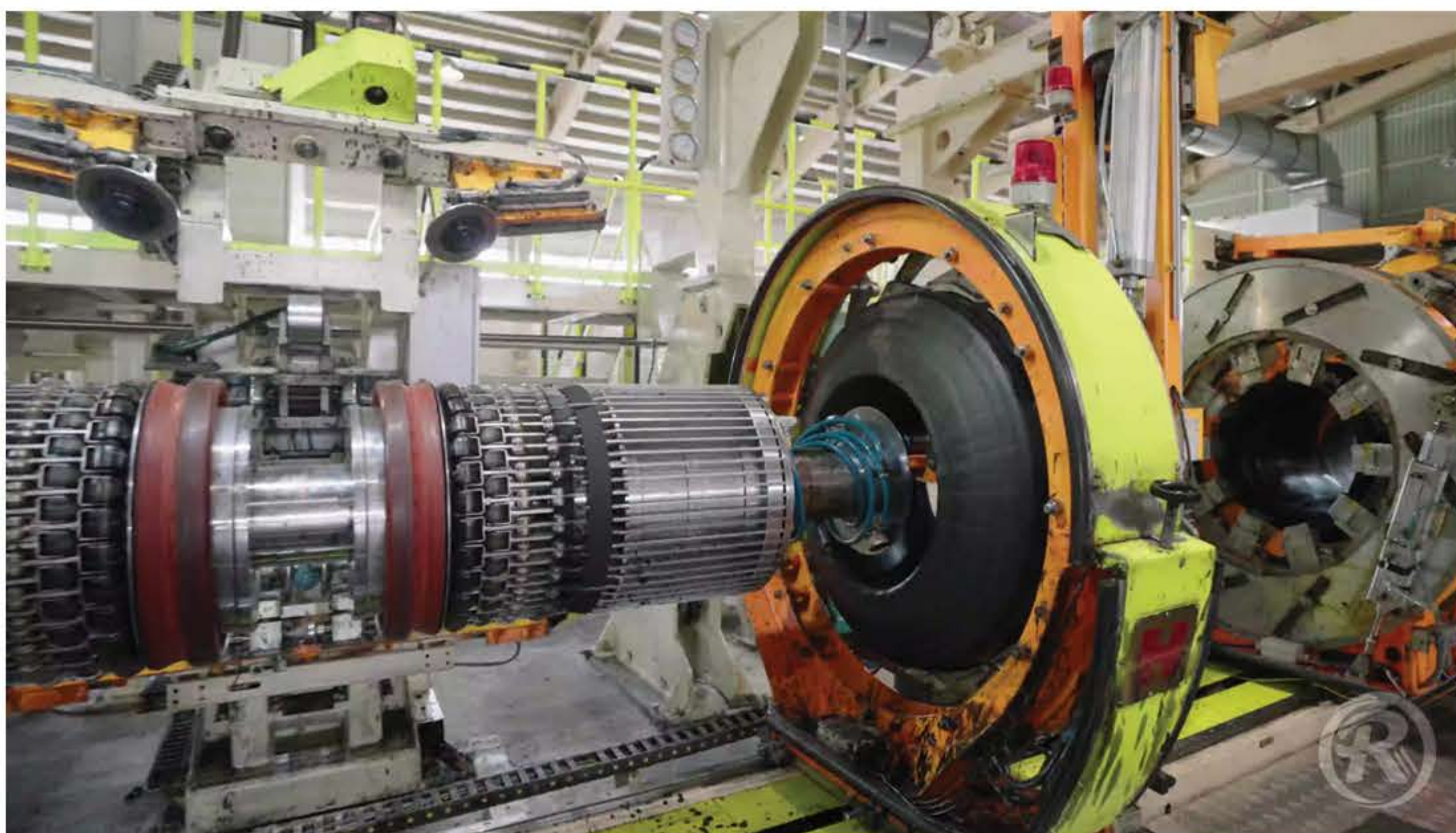
Carbon Simorgh

The initial studies for the establishment of Simorgh Carbon Company began in 2001, and the Mahallat Industrial Town in Markazi Province was chosen as the location for the factory. With technology from the year 2000 by Philips International, which had the latest global smoke production technologies, serving as the basis for the factory's design, construction operations commenced in 2002 through a contract with Euro Tecnica Italy.

OVERVIEW OF PRODUCT LINE



OVERVIEW OF PRODUCT LINE



GET IN TOUCH

Website:

mastertireco.com

Email:

Sales@mastertireco.com

Instagram:

[mastertireco](https://www.instagram.com/mastertireco)

Telegram:

[mastertireco](https://www.telegram.com/mastertireco)

Location:

Tehran, Iran



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