



# PU WHEELS

COMMITTED TO PROVIDING DIVERSIFIED MATERIAL HANDLING  
EQUIPMENT AND MATCHING WHEELS AND RELATED ACCESSORIES

YANTAI WONRAY TYRE CO., LTD.



## COMPANY PROFILE

Yantai WonRay Tyre Co., Ltd.'s production base for PU (polyurethane) products is situated in the Fushan District of Yantai City. The company employs more than 100 skilled workers and operates six advanced production lines dedicated to the manufacturing of high-quality polyurethane wheels. Equipped with five state-of-the-art CNC (Computer Numerical Control) machining centers and 21 precision CNC lathes, the facility ensures high standards of manufacturing accuracy and efficiency.

With an annual production capacity of over 800,000 PU wheels, the company is a leading player in the wheel manufacturing sector. Its products are widely recognized for their durability and performance. The company generates an annual revenue exceeding 100 million RMB, reflecting its strong market position and commitment to growth and innovation.



## **Applications of Polyurethane Wheels for Forklifts**

Polyurethane (PU) wheels have been used in forklifts since the mid-20th century, as the invention and development of polyurethane materials made them an ideal choice for industrial vehicles, especially forklifts. Polyurethane offers excellent wear resistance, chemical resistance, cut resistance, and high load-bearing capacity, making it widely used in the forklift industry.

Polyurethane wheels have been used in forklifts for decades, and their role in the industry has continued to grow due to their outstanding performance characteristics: High wear resistance; Good shock absorption; Floor protection; Strong load-bearing capacity. In the future, with advances in material technology, the application of smart management, and increasing environmental concerns, polyurethane tires will continue to play a key role in forklifts and other industrial vehicles, meeting the increasingly complex demands of modern industries.

# BT FORKLIFTS

## The main models of BT forklifts with PU wheels:

RRE160,RRE180 ,RRE200,RRE240, BT Staxio 1.4, Staxio 1.6, Staxio2.0, Staxio 2.5,BT VCE 160, BT VCE 200



Vehicle	Parts No.	Size
品牌及车型	件号	规格
BT	253072	85x95/97-25
BT	215181	85x95/97-20
BT	27631390	85x95/100-25
BT	240453	85x75/77-17.5
BT	220212	85x74/76-13
BT	225152	85x100-17.2
BT	224574	84x95/97-20
BT	238970	400x160-80-7h
BT	7593822	360x160-90-7H
BT	7594123	350x140-90-7h
BT	201332	350x140-80-7h
BT	220403	350x127-80-7h
BT	7585838	350x106-40
BT	241860	350x106
BT	7610264-001	350x106
BT	7610264	350x106
BT	7601542	343x140-90-7h
BT	7593818	343x140-90-7h
BT	7549373	330x135-80-7h
BT	241752	308/310x120-80-5h
BT	241650	300x106
BT	7518697	300x106
BT	147984	300x100-50/40
BT	144443	300x100-50/40
BT	217629	300x100
BT	215806	285x85
BT	7541444-001	285x105-40
BT	7577500	250x92-80-5h
BT	138457	250x75-80-5h
BT	7577494	250x75/80-5h
BT	7535735	230x70/76-5h
BT	239003	230x70/76-45
BT	7535733	230x70
BT	249944	230x70
BT	163950	215x70/79/89-60-5H
BT	129920	215x70
BT	7584009	152x76/81-30
BT	210545	150x76/81-25
BT	7509579	150x76/81-25
BT	7570576	150x54-20
BT	7550609	150x54/60-20
BT	250955	150x40-25
BT	240308	140x60/64-20
BT	156259	125x54/50-20
BT	7611201	125x50/60-20
BT	171999	125x50/54-20
BT	7563324	125x50

# CROWN FORKLIFT

## The main models of CROWN forklifts with PU wheels:

ESR 5200, SP 3500, TSP 6500, WP 3000, RR 5700,SHR 5500, ST 3000, SX 3000, DT 3000, PE 4500, GPC 3000, TR 4500, ET 4000, PC 4500, RM 6000, ESR 5000, RC 5500.



Vehicle	Parts No.	Size
品牌及车型	件号	规格
CROWN	805888-006	90x50/54-20
CROWN	805888-06	90x50/52-20
CROWN	808981-001	85x60-20
CROWN	808909-001	85x110-25
CROWN	808909	85x110-25
CROWN	100462	83x165-52/30
CROWN	100462-78141248	83x165-52/30
CROWN	808984-001	82x82/86-20
CROWN	100462-302	82x165-52/36 (3.25x6.50)
CROWN	812899	82x112x116-30
CROWN	807557	343x140
CROWN	121501	330x140x241 (13x5.5x9.5)
CROWN	12150001	330x140x240
CROWN	9815000599	330x135-80
CROWN	820183	285x100-74
CROWN	820184	285x100-45
CROWN	810574-001	285x100
CROWN	113018S60	265x102-35
CROWN	802846	250x75-80-5h
CROWN	805961-001	230x75/82-45-5hole
CROWN	370220	230x70/79
CROWN	132359-302	216x68-4H(8.5x2.69x2.76)
CROWN	132359	216x68.2-77(8.5x2.688)
CROWN	118447	215.9x63.5(8.5x2.5)
CROWN	127723302	205x101/107-72
CROWN	127723-305-88	204x107-72(8x4x2.83)
CROWN	127723	204x107-72
CROWN	123240	203x107-72
CROWN	127723-302	203x101/107 72/23.5(8x4x2.83)
CROWN	125069	152x73-80-35 (6x2.88)
CROWN	129873302	152x108-35
CROWN	125070-401	152x104-80-35 (6.00x4.12x3.149x0.98)
CROWN	TH2302A	152x104-80 (6x4.12)
CROWN	125070-401-88	152x104-35 (6x4.12 )
CROWN	125070	152x104-35
CROWN	133904-004	15.25x7x11.25
CROWN	133753-001	14.25x8x9.98
CROWN	121501-442-01	13x5.5x9.5
CROWN	115032-401	127x73-62 (5.00x2.8x2.44 x0.83)
CROWN	115032	127x73.5-62
CROWN	115033	127x104-62
CROWN	115033-401	127x104 (5.00x4.12x2.44x0.83)
CROWN	820263	125x54/60-30
CROWN	811802	125x54/60-30
CROWN	813130	125x54/58/62-25
CROWN	083179-035	102x64
CROWN	083179	102x63.5-52/15

# HYSTER FORKLIFT

## The main models of HYSTER forklifts with PU wheels:

MS10E, MS10/12/14/16, MP16/18/20/22, C438, C456, P20S, S1.0E, S1.2E, S1.5E, S1.6, S1.8, S2.0, S1.2C, S1.4C, S1.6C, S2.0C, SC1.5, SC2.0, S1.6IL, S1.8IL, S2.0IL, S1.6S, S2.0S, S1.4S, S1.0XL, S2.0XL.



Vehicle	Parts No.	Size
品牌及车型	件号	规格
HYSTER	1590995	85x90/95-13
HYSTER	1530185	85x74.3-20.1
HYSTER	2791988	85x70-20
HYSTER	4081700	85x110/115-17
HYSTER	1590996	85x110
HYSTER	4131943	85x110
HYSTER	580059476	85/90 -12
HYSTER	1531786	84x98
HYSTER	1530186	84x95
HYSTER	4616703	83x165
HYSTER	XCCH05388	78x98
HYSTER	1499033	350x100-40
HYSTER	1643642	343x140-80
HYSTER	4021577	343x140
HYSTER	4031924	343X140
HYSTER	4021574	285X100
HYSTER	1499032	285x100
HYSTER	580052985	254x90
HYSTER	1570483	254x90
HYSTER	580036546	254x125
HYSTER	HCCH4117	250x80
HYSTER	1499031	250x100-80/28
HYSTER	1532113	230x75/84-30
HYSTER	249946	230x75/84.5-30
HYSTER	1491574	230x75/84
HYSTER	580013479	230x75
HYSTER	582034871	230x70-45-5hole
HYSTER	580120	230x70/75/82-45
HYSTER	1600351	200x55/60-68
HYSTER	1622768	200x100-68/19
HYSTER	2086327	152.4x102-35
HYSTER	HCCH4560	150x62
HYSTER	1694817	150x55/60
HYSTER	1694086	150x55/60
HYSTER	2790782	150x50
HYSTER	31102129	140x55
HYSTER	HYT004428	140x50/60-20
HYSTER	2066239	128x73-62
HYSTER	HCCH04006	127x57
HYSTER	2086326	127x102-80
HYSTER	HYT004390	125x55/60-20
HYSTER	580062231	125x50-25
HYSTER	1599508	125x50-25
HYSTER	1684817	125x50-20
HYSTER	501211	100x50

# LINDE FORKLIFT

## The main models of LINDE forklifts with PU wheels:

L10, L12, L14, L16, L14i, L16i, L10B, L10B, L14B, L16AC, L14AC, L20, L06AC, L08AC, L14R, L16R, L12R, L14P, L16P, L14SP.



Vehicle	Parts No.	Size
品牌及车型	件号	规格
LINDE	0039903513	85x90-12.5
LINDE	0009903524	85x85-20
LINDE	0009933902	85x80/82-17
LINDE	0039933603	85x80/85-13
LINDE	0009903500	85x70
LINDE	0039903512	85x60/65-12
LINDE	0039933649	85x105/110-13
LINDE	39933604	85x105/110-13
LINDE	0039903582	85x80/85-20
LINDE	0009903555	85x100/104-25
LINDE	0009933910	85x100/102-25
LINDE	9903911	350x100-40
LINDE	0029902330	350x100
LINDE	0029903814	343x135-90
LINDE	9815054219	343x135-80-7h
LINDE	0029903815	343x135
LINDE	9815000599	330x135-80-7H-15
LINDE	9937041	285x100x227
LINDE	0029902329	285x100
LINDE	9903921	285x100
LINDE	0039902311	254X102-80
LINDE	0009903919	250x80/83.8-40
LINDE	0039902305	230x90-65
LINDE	0039933826	230x90-45
LINDE	0039933800	230x90-45
LINDE	0009907772	230x90-45
LINDE	0009903812	230x75/82-45-5hole
LINDE	0009903819	230x75/82-45-5h
LINDE	0009933848	230x75
LINDE	0039903515	150x48/60/65-12
LINDE	0009933747	140x54/60-20
LINDE	0039933811	140x50/62-20
LINDE	0009934509	140x50/54-20
LINDE	0009933803	125x60/62-20
LINDE	51077215	125x60
LINDE	0009933864	125x40-15
LINDE	39903575	125x40-15
LINDE	452108003	123x60
LINDE	0039903519	100x40-15
LINDE	0009933800	100x40-15

# RAYMOND FORKLIFT

## The main models of RAYMOND forklifts with PU wheels:

8210, 7310, 8410, 7500, 8250, 7700, 8410, 9600, 4250, 8900, 9600, 4250, 8900, 9600, 4250, 5500, 7300, 7000, 8610, 9500, 8720.



Vehicle	Parts No.	Size
品牌及车型	件号	规格
RAYMOND	RA632-078	8x4
RAYMOND	RA632-069	83x150-52/30
RAYMOND	632-069	83x150-52
RAYMOND	632-069/107	83x150(3.25x5.937)
RAYMOND	1179093/001	83x150(3.25x5.875)
RAYMOND	312636-000	82x114(3.25x4.5)
RAYMOND	RA671-041/07	72.64x88.9/47
RAYMOND	RA632-131-001	343x152x266.7 (13.5x6x10.5)
RAYMOND	828-003-339/001	343x152
RAYMOND	RA1063760	305x114x203 (12x4.5x8)
RAYMOND	RA632-052	27x92-62/17 (5x3.625)
RAYMOND	828-000-234/107	203x102
RAYMOND	828-000-234/007	203x102
RAYMOND	632-078/107	203.2x101.6(8x4)
RAYMOND	TH4838B	152x92-62 (6x3.63)
RAYMOND	632-156/107	152x92(6x3.625)
RAYMOND	01196	152x102-62 (6x4.12x3.14x0.9)
RAYMOND	TH666A	152x102-62 (6x4 )
RAYMOND	RA632-156	152.4x92-62/17(6x3.625)
RAYMOND	RA632-131/009	13.5x6x10.5
RAYMOND	632-131-001	13.5X6X10.5
RAYMOND	632-052/007	127x92-62/17
RAYMOND	TH4807A	127x92-62 (5x3.62)
RAYMOND	632-052	127x92-62
RAYMOND	632-052/107	127x92
RAYMOND	TH2270A	127x73-62 (5x2.88)
RAYMOND	RA632-043	127x73/52
RAYMOND	632-043/107	127x73(5x2.875)
RAYMOND	632-032/107	102x92(4x3.625)
RAYMOND	1082408/01	102x63.5(4x2.5)

# JUNGHEINRICH FORKLIFT

The main models of JUNGHEINRICH forklifts with PU wheels:

EJE 116-120, EJE 222, ERC 214-220, EMC 110, ETV 214-318, ETV Q, EKS 215a, EKX 410-515, ETM 216, EJC 112, ERE 225, ESC 316, EZS 350, ECE 225.



Vehicle	Parts No.	Size
品牌及车型	件号	规格
JH	50010588	85x85/90-25
JH	50307456	85x85/90-25
JH	27631340	85x110/115-25
JH	50307483	85x110/115-25
JH	51064609	85x110/115-25
JH	51334553	380x192
JH	51072877	355x135
JH	51112017	355x135
JH	51112013	355x106-6H
JH	51331336	343x140-90
JH	51331334	343x140-90
JH	51331328	343x114-90-7H
JH	51331358	343x114-90
JH	51327423	342x140
JH	50047415	310x100-80-7h
JH	50168852	295x144-110-10h
JH	50447030	285x100-6h+3h
JH	50303244	285x100-6h+3h
JH	51078774	285x100-40-9H
JH	51594794	285x100-40-3h
JH	51115430	285x100
JH	89039606600	250x100-45-5h
JH	50460101	230x70/82-45-5h+3h
JH	50460100	230x70/82-45-5H+3H
JH	51427796	230x70/82-45-5H
JH	50460103	230x70/82-45
JH	6321059	230x70/82
JH	50023635	230x65-45
JH	51535381	230x65/74-150
JH	77800344	230x65/74-150
JH	51367028	180X65
JH	51239395	150x54/60-20
JH	50019777	140x54/60-20
JH	50312941	140x54/60-20
JH	51308417	127x92
JH	51308416	127x73
JH	51697789	125x60-20
JH	51058754	100x40-15
JH	50303847	100x40-15

# STILL FORKLIFT

## The main models of STILL forklifts with PU wheels:

FM-X12, FM-X14, FM-X16, EXV12, EXV14, EXV16, EGV12, EGV14, EGV16, EXU14, EXU18, EXU20, EXH12, EXH14, ECH12, ECH14, CX-T, EXU-S, EXV-SF, EXH-SF, FM-SE, ECU, FM-XP.



Vehicle	Parts No.	Size
品牌及车型	件号	规格
STILL	4481005	85x80-47-17
STILL	0009903524	85x80/85-20
STILL	4411624	85x80/82-17
STILL	0411624	85x80/82-17
STILL	4401475	85x80/82-17
STILL	8665538	85x80
STILL	4401476	85x105/110-12
STILL	413923	85x100
STILL	8435086	406x170-110-12h
STILL	8429655	370x160-60
STILL	8429648	370x160-60
STILL	8428187	360x140
STILL	50983508933	360x140
STILL	8428189	360x130-90-7h
STILL	8437636	359x130
STILL	0009903916	350x100-40
STILL	9903904	310x102-40/60
STILL	8365302	310x102-40
STILL	8427484	310x102
STILL	0009903921	285x100
STILL	0009934121	254x102-45+5h
STILL	8481776	250x100
STILL	494553	230x75-80+6h14
STILL	4400716	230x75/82-45
STILL	8428366	156x40-35
STILL	0009933972	155x40-35
STILL	8429940	150x102
STILL	4412343	150x54/60-20
STILL	4498976	150x50/60-20
STILL	8492271	150x50/60-20
STILL	4491412	140x54/57-30
STILL	4492537	140x50/54-30
STILL	4493413	125x40-15
STILL	4401471	125x40-15
STILL	4413462	100x40/40-15

# CLEANING EQUIPMENT

## Applications of Polyurethane Wheels in cleaning equipment:

The history of polyurethane wheels in cleaning equipment is long-standing, and their excellent performance has secured a significant position in the industry. With advancements: High Wear Resistance; Good Shock Absorption Floor-Friendly; Chemical Resistance; Low Noise Operation; In technology and changes in market demand, the performance and application scope of polyurethane wheels will continue to expand, indicating a bright future for their use in cleaning equipment.



# AIRPORT EQUIPMENT

Due to their durability, flexibility, and outstanding performance, polyurethane wheels are an ideal choice for airport equipment. They not only enhance the operational efficiency of the equipment but also improve service quality and passenger experience. With the continuous advancement of airport equipment technology, the application of polyurethane wheels will continue to expand, supporting the efficient operation of airports.

Applications of Polyurethane Wheels in Airport Equipment: Baggage trailers; Passenger boarding Bridges; Cargo Handling Equipment; Ground Service Equipment; Taxiway Marking Vehicles; Cargo Handling Equipment.





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