



Since 1958

redefines solid

CONTENT



P1-2

About TY Cushion Tire

TY Cushion Tire was established and located in Taiwan.
Starting with pneumatic tires for agricultural and industrial vehicles.

P3-4

Special features and patterns of TY Cushion Tire

Special TY compound present unique functions for various applications.

P5-6

Cross section and patterns of TY Cushion Tire

TY Cushion Tire derive the sturdy structure from the specially prepared formula that enhances the different functions of its tire parts.

P7-11

TY compound for different applications

TY compound provides suitable functions for every unique and severe application.

P12-19

Index

P20

IDQ



Redefines Solid

History

Founded in 1958 TY Cushion Tire was principally the producer of tires for farms (bicycles, carts, tractors) and industries (forklift, special machinery). In 1980, TY ceased the production of pneumatic tires and turned to the production of solid tires and the construction of a global marketing system.

Due to independent operation of its production and marketing departments, TY Cushion Tire has become a well-known brand throughout the world.

Honesty, Innovation, Shared Prosperity

With its origins deeply rooted in Taiwan, and through its persevering agents and distribution networks across the world, TY Cushion Tire is able to become one of the well-known brands worldwide.

In the future, TY will continuously research and develop high quality products in hope to become the leading brand in the tire industry, and at the same time, obtain the trust and respect from customers, shareholders, employees, and communities.

Innovation, Quality, Persistence

In order to improve quality, the production department is committed to researching and developing OTR tires of different rubber compounds.

Due to TY's innovation, quality, and continuous persistence, the company has a complete production line which can be used for different machineries today.

This expansion in the traditional use of solid tires has kept TY Cushion Tire ahead of its competitors. Whether it is mining, terminal handling, aviation, manufacturing and warehousing, you can always find TY Cushion Tire offering the most steady support.

Global Network, Consistent Service

In Taiwan, more than ten thousand companies use TY cushion tires. These customers choose to use TY cushion tires because with our product, they can effectively decrease costs and increase work efficiency.

The five continents around the world – Europe, South America, Africa, and Oceania, all have TY's persevering agents and distribution networks that can always provide you with a convenient service.

TY Cushion Tire was established and located in Taiwan. Starting with pneumatic tires for agricultural and industrial vehicles.

Set up a new mixing factory in Taiwan. 45/45-63, the largest solid tire in the world was presented to the public.

T.Y. CUSHION TIRE LTD. was established in Jiangsu, China.

TY launched 61X38-37 & 53X18-24 as OEM fitment for the largest shield hauler and chock carrier in the world for underground coal mining operation.

To be continue...

1958

TY tapped into solid tire market and devoted to R&D of superior tire compounds and structures.

1980

OEM supplier for CASE.

1995

TY Cushion Tire LLC was established in USA.

1996

ISO 9001 Quality Standard Award.

2000

TY Europe distribution center was established in Netherlands.

2001

OEM supplier for Caterpillar Japan.

2006

OEM supplier for Komatsu Japan.

2007

OEM supplier for Liebherr, JLG, and Gehl.

2008

TY tire Stability test was completed in Australia and became OEM supplier for Atlas Copco.

2009

TY has been approved by OEM supplier for Hitachi Construction Machinery Co., Ltd.

2010

2012

2016

2018

2021

TY introduced EV compound for heavy duty electrical machines

Special features of TY CUSHION TIRES:



Added benefits are:

- ⊕ No blowout or punctures.
- ⊕ Extended life 2.5-4 times the life of pneumatic tires.
- ⊕ Reliable, maintenance-free.
- ⊕ Tight adhesion to rim.
- ⊕ Ease of steering.

S pattern

Water/Mud Disposal ★★★★★☆
Ground Engagement ★★★★★☆
Slope-climbing Ability ★★★★★☆

R pattern

Water/Mud Disposal ★★★★★☆
Ground Engagement ★★★★★☆
Slope-climbing Ability ★★★★★☆

J pattern

Water/Mud Disposal ★★★★★☆
Ground Engagement ★★★★★☆
Slope-climbing Ability ★★★★★☆

E pattern

Water/Mud Disposal ★★★★★☆
Ground Engagement ★★★★★☆
Slope-climbing Ability ★★★★★☆

F pattern

Water/Mud Disposal ★★★★★☆
Ground Engagement ★★★★★☆
Slope-climbing Ability ★★★★★☆

Cross Section of TY CUSHION TIRES:

TY Cushion Tire derive their sturdy structure from a specially prepared formula that enhances the different functions of its tire parts. Multi-Ply nylon cords are used to reinforce the tire rim.

TY tires have good shock absorption and provide excellent resistance against abrasion and breakage.



- 1.Ultra-deep Tread
- 2.Rubberized Anti-abrasion Tire Surface
- 3.Rubberized, Elastic Carcass
- 4.Tire Shoulder
- 5.Reinforced Nylon Fabrics
- 6.High-tension Steel Wire
- 7.Aperture Structure

Water/Mud Disposal ★★★★★☆
 Ground Engagement ★★★★★☆
 Slope-climbing Ability ★★★★★☆

U pattern



Water/Mud Disposal ★★★★★★
 Ground Engagement ★★★★★☆
 Slope-climbing Ability ★★★★★★

H pattern



D pattern



Water/Mud Disposal ★★★★★☆
 Ground Engagement ★★★★★☆
 Slope-climbing Ability ★★★★★☆

Water/Mud Disposal ★★☆☆☆☆
 Ground Engagement ★★★★★★
 Slope-climbing Ability ★★☆☆☆☆

P pattern



MH pattern

Water/Mud Disposal ★★★★★★
 Ground Engagement ★★★★★☆
 Slope-climbing Ability ★★★★★★



MINING COMPOUND



Cut Resistance

Reduce surface chunk & sidewall cutting.
For severe environment: hard rock mine.



Low Rolling Resistance

Reduce energy waste, no extra fuel and
extra torque to move tires.



Static Free

Prevent accidents from static.
For underground coal mine.



Low Heat Generation (cooling compound)

Reduce temperature build up inside tire.
For heavy duty equipment.



Super Soft

Excellent riding comfort, similar hardness to
pneumatic tire with $50^{\circ}\pm 2$.



Safety

Minimize accidents from tire
explosion.



Others



Straddle
Carrier



Container
Handler



Forklift



Reach
Stacker



RTG

HARBOR COMPOUND



Low Rolling Resistance

Reduce energy waste, no extra fuel and
extra torque to move tires.



Safety

Minimize accidents from tire
explosion.



Low Heat Generation

Maximize loading capacity,
minimize tire temperature.
For heavy duty machinery
and long working hours.



Others



Grader



Drill Machine



Dumper



Drift runner



LHD

INDUSTRIAL COMPOUND



Others



Truck



Skid
Loader



Forklift



Pot
Carrier



Wheel
Loader

STEEL COMPOUND MILL



Cut Resistance

Reduce surface chunk & sidewall cutting.
For severe environment.



Low Rolling Resistance

Reduce energy waste, no extra fuel and
extra torque to move tires.



Non-Marking

Leave no footprint in clean working environment.
For electronic, spinning, and clothing industry.



Low Heat Generation

Maximize loading capacity, minimize tire temperature.
For heavy duty machinery.



Super Soft

Excellent riding comfort, similar hardness to
pneumatic tire with $50^{\circ}\pm 2$.



Safety

Minimize accidents from tire
explosion.



Oil Resistance

Prevent rubber erosion from
organic oil.
For oil application: palm oil plant.



Low Heat Generation

Maximize loading capacity,
minimize tire temperature.
For heavy duty machinery.



Cut Resistance

Reduce surface chunk & sidewall
cutting.
For severe environment.



Safety

Minimize accidents from tire
explosion.



Heat Resistance

Maximize tire life from extremely
high temperature environment.



Low Rolling Resistance

Reduce energy waste, no extra fuel and
extra torque to move tires.



Others



Backhoe



Wheel Loader



Truck



Skid Loader



Forklift



WASTE & RECYCLE COMPOUND



Cut Resistance
Reduce surface chunk & sidewall cutting.
For severe environment.



Low Rolling Resistance
Reduce energy waste, no extra fuel and extra torque to move tires.



Leachate Resistance
Prevent rubber erosion from heavy leachate to extend tire life.



Low Heat Generation
Maximize loading capacity, minimize tire temperature.
For heavy duty machinery.



Super Soft
Excellent riding comfort, similar hardness to pneumatic tire with 50°±2.



Safety
Minimize accidents from tire explosion.



Oil Resistance
Prevent rubber erosion from organic oil.
For oil application:
trash and recycle plant



INDEX

Tire size (inch)	Tread Design	Rim size	Tire weight		Tire Dimensions			
					Diameter +/- 3%		Max width +/- 3%	
			kg	lb	inch	mm	inch	mm
13.00-24	F1A, F2A	8.50-24	323.0	710.6	51.6	1310	13.0	330
14.00-24	D1A, D2A	10.00-24	409.0	899.8	53.5	1360	14.2	360
	F, F1A, F2A				53.4	1356	14.2	360
14.00-25	D, D1A, D2A	10.00-25	431.0	948.2	53.5	1360	14.2	360
17.5-25	F, F1A, F2A	14.00-25	460.0	1014.3	53.1	1350	17.3	440
	D, D1A, D2A		505.0	1113.5	53.4	1356	17.3	440
45x20.5-25	U	17.00-25	390.0	860.0	45.0	1143	20.5	520
	MH		366.0	807.1	45.0	1143	20.5	520
49X20.5-25	MH	17.00-25	504.0	1108.8	49.0	1245	20.5	520
52X20.5-25	D, D1A	17.00-25	615.0	1353.0	53.1	1350	20.3	516
52X27-25	D	22.00-25	850.0	1870.0	53.1	1350	27.0	685
20.5-25	F, F1A, F2A	17.00-25	700.0	1540.0	58.7	1490	20.5	520
	MD/ MD1A		842.0	1856.3	58.7	1490	20.5	520
	D, D1A, D2A		740.0	1628.0	58.7	1490	20.9	530
	XP, XP1A, XP2A		790.0	1742.0	58.7	1490	20.9	530
	XDP,XDPA		770.0	1697.9	58.7	1490	20.9	530
25.5-25	D	19.50-25	955.0	2101.0	58.7	1490	25.9	657
16.00-25	P, P1A, P2A	11.25-25	670.0	1474.0	59.6	1514	16.9	430
23.5-25	F, F1A, F2A	19.50-25	1080.0	2381.4	64.0	1625	23.6	600
	D, D1A, D2A							
	XD, XD1A, XD2A							
	XP, XP1A, XP2A							
	XDP, XDPA							
26.5-25	D, D1A, D2A	22.00-25	1415.0	3120.1	68.9	1750	26.4	670
	XD, XD1A, XD2A		1461.0	3221.5	69.1	1755	26.4	670
	XP, XP1A, XP2A		1508.0	3325.1	69.1	1755	26.4	670
	XDP, XDPA		1518.0	3347.2	69.1	1755	26.4	670
26.5-35	D, D1A, D2A	22.00-35	1278.0	2811.6	68.9	1750	26.4	670
30.5-35	D	26.00-35	1444.0	3176.8	68.9	1750	30.4	771
29.5-25	D, D1A, D2A	25.00-25	1827.0	4028.5	73.6	1870	29.5	750
	XD, XD1A, XD2A		1940.0	4277.7	73.6	1870	29.5	750
	XP, XP1A, XP2A		2015.0	4443.1	73.6	1870	29.5	750
	XDP, XDPA		1958.0	4317.4	73.6	1870	29.5	750
29.5-35	U2A	23.00-35	2240.0	4928.0	81.6	2072	30.7	780
35/65-33	D2A	28.00-33	2490.0	5478.0	82.3	2090	35.0	890
29.5-45	D, D1A	22.00-45	1835.0	4037.0	79.6	2022	30.5	775
35/50-45	MD, MD1A	28.00-45	1975.0	4345.0	80.0	2032	35.0	890
35/45-51	MD, MD1A	28.00-51	1975.0	4345.0	82.3	2090	35.0	890
45/60-51	U	32.00-51	5250.0	11550.0	106.3	2700	45.0	1143
45/45-63	U	32.00-63	4350.0	9570.0	106.3	2700	45.0	1143

Tire size (inch)	Tread Design	Rim size	Tire weight		Tire Dimensions			
					Diameter +/- 3%		Max width +/- 3%	
			kg	lb	inch	mm	inch	mm
5.00-8	J, J1A	3.00-8	15.8	34.8	17.8	451	4.5	114
6.00-9	J, J1A	4.00-9	25.0	55.0	21.3	541	6.0	152
	D, D1A				21.2	538	5.5	140
	U				21.2	538	5.5	140
5.7-12	F, F1A	4.00-12	21.5	47.3	22.0	558	5.7	144
6.50-10	D	5.00-10	36.0	79.2	22.8	578	6.3	160
	J, J1A				22.8	578	6.5	166
	U				22.8	578	6.3	160
23X8.5-12	F2A	6.00-12	44.0	96.8	23.0	584	8.3	210
7.00-12	D	5.00-12	49.3	108.7	26.0	661	6.7	170
	J, J1A				26.1	663	6.9	174
27X10-12	D	8.00-12	65.0	143.0	26.2	665	9.4	240
	F, F1A,F2A		63.5	140.0	26.2	665	9.6	246
28X9-15	D,D1A	7.00-15	58.0	127.6	28.2	716	8.3	210
27X8.5-16	F,F1A	6.00-16	41.6	91.7	26.2	665	8.3	210
30X10-16	F, F1A, F2A	6.00-16	65.0	143.3	30.1	765	9.3	236
	H		74.0	163.2	30.1	765	9.3	236
30X10-18	F1A, F2A	7.00-18	63.0	138.6	30.1	765	9.7	246
31X10-16	F, F2A	6.00-16	73.0	160.6	31.1	790	9.3	236
31X10-20	F	7.00-20	67.0	147.4	31.1	790	10.0	254
7.50-16	U, U1A, U2A	6.00-16	77.0	169.4	31.5	800	8.1	207
8.25-16	P,P1A	6.00-16	97.0	213.8	32.9	837	8.3	210
	U, U1A, U2A		80.0	176.0	32.7	830	8.3	210
8.25-15	J, J1A	6.50-15	92.0	202.4	33.0	837	8.1	205
33X10-20	F, F1A, F2A	7.00-20	76.8	169.0	33.0	837	10.0	254
33X12-20	F, F1A, F2A	8.00-20	82.4	181.7	33.0	837	11.4	290
	H		105.0	231.5	33.0	837	11.4	290
34X10-20	F2A	7.00-20	82.5	181.5	34.0	863	10.0	254
34X12-20	P, P1A	8.00-20	110.0	242.0	34.0	864	11.4	290
36X12-20	F, F2A	8.00-20	110.0	242.0	34.0	864	11.4	290
15-20	F, F2A	11.00-20	180.0	396.0	38.2	970	14.1	359
18-20	F, F2A	14.00-20	310.0	682.0	42.6	1082	18.0	458

Tire size (inch)	Tread Design	Rim size	Tire weight		Tire Dimensions			
					Diameter	+/- 3%	Max width	+/- 3%
			kg	lb	inch	mm	inch	mm
2.50-5	P	2.00-5	2.0	4.4	9.8	250	2.3	58
12X4-8	P	2.50-8	2.0	4.4	12.2	310	4.0	102
12X3.5-5	U	3.00-5	6.0	13.2	12.0	305	3.5	90
15X4.5-8	S	3.00-8	9.0	19.8	15.4	390	4.7	114
16X5-8	R	3.75-8	14.0	30.8	16.1	409	5.6	142
16X5-9	R	4.00-9	11.0	24.2	16.1	410	5.0	126
4.00-8	U	3.00-8	10.4	22.9	16.3	414	3.9	100
	R				16.3	414	4.8	123
16X6-8	U	4.33-8	14.0	30.8	16.3	414	5.3	134
18X7-8	S	4.33-8	18.5	40.7	17.6	447	6.9	174
	U		19.5	42.9	17.5	445	6.5	166
5.00-8	J, J1A	3.00-8	15.8	34.8	17.8	451	4.5	114
	H				17.5	445	5.3	134
	R				17.5	445	4.7	120
	S				17.5	445	4.9	125
200/50-10	U	6.50-10	20.0	44.0	18.0	458	7.7	196
18X8-12	R	6.00-12	20.0	44.0	18.0	458	7.7	196
19X5.5-9	R	4.00-9	20.0	44.0	19.2	488	5.5	140
21X8-9	D	6.00-9	40.0	88.0	20.7	527	7.7	196
	S				21.0	534	7.4	188
21X6-15	P	5.50-15	19.5	42.9	21.0	533	5.8	148
6.00-9	D, D1A	4.00-9	28.0	61.6	21.2	538	5.5	140
	J, J1A				21.3	541	6.0	152
	U				21.2	538	5.5	140
	H				21.3	541	6.1	156
	S				21.1	535	5.8	148
4.50-12	U	3.00-12	19.5	42.9	21.6	548	4.9	124
22X10-12	D	7.00-12	41.0	90.3	22.0	560	9.4	240
		8.00-12						
22X12-12	D	9.00-12	47.0	103.4	22.0	560	11.4	290
22X13-15	R	11.00-15	49.0	107.9	22.0	560	13.0	330
22X14-16	D	12.00-16	55.5	122.2	22.0	560	14.0	356
6.50-10	D	5.00-10	36.0	79.2	22.8	578	6.3	160
	J, J1A				22.8	578	6.5	166
	U				22.8	578	6.3	160
	H				22.8	578	6.3	160
	S				22.2	565	6.5	165

Tire size (inch)	Tread Design	Rim size	Tire weight		Tire Dimensions			
					Diameter	+/- 3%	Max width	+/- 3%
			kg	lb	inch	mm	inch	mm
23X9-10	S	6.50-10	46.0	101.2	22.8	578	8.3	211
23X10-12	S	8.00-12	47.5	104.5	23.0	584	10.0	254
24X7-12	H	5.00-12	39.0	85.8	24.0	609	7.0	178
27X10-12	D	8.00-12	65.0	143.0	26.2	665	9.4	240
	F,F1A,F2A		63.5	140.0	26.2	665	9.6	246
27X10-18	P	8.00-18	55.0	121.0	26.0	660	10.0	254
27X11-18	P	9.00-18	56.0	123.2	26.0	660	11.0	279
7.00-12	D	5.00-12	49.3	108.7	26.0	660	6.7	170
	J, J1A				26.1	663	6.9	175
	U				26.1	663	6.9	175
	H				26.1	663	7.0	178
	S				26.0	660	6.9	175
6.00-15	U	4.50-15	42.7	93.9	27.7	704	6.7	170
8.25-12	U	5.00-12	62.5	137.5	28.1	714	7.5	190
28X9-15	J, J1A	7.00-15	63.0	138.6	28.3	718	8.4	213
	U				28.3	718	8.2	209
	H				31.5	800	8.3	211
	S				28.1	714	8.4	213
29X10-20	P	8.00-20	59.0	129.8	28.3	720	9.8	250
28X12.5-15	U	9.75-15	94.6	208.1	28.8	731	11.8	300
250-15	U	7.00-15 7.50-15	74.0	162.8	29.2	742	9.3	236
7.00-15	U	5.50-15 6.00-15	57.5	126.5	29.6	752	7.1	180
	S	6.00-15	58.5	128.7	29.6	752	7.1	180
7.50-15	D	6.00-15	74.0	162.8	30.9	784	7.8	197
7.50-16	U, U1A	6.00-16	77.0	169.4	31.5	800	8.1	206
	P		90.0	198.0	31.9	810	8.7	222
8.25-15	J, J1A	6.50-15	92.0	202.4	33.0	837	8.1	206
	E				33.0	837	8.4	213
	U				33.0	837	8.0	203
	H				33.0	837	8.5	216
300-15	D, D1A	8.00-15	124.0	272.8	32.9	835	11.3	286
	H, H1A				33.0	837	11.1	283
315/70-15	U	9.00-15	142.0	312.4	32.0	813	12.4	315
355/65-15	H	9.75-15	156.0	343.2	33.3	846	14.0	355
34X12-20	P, P1A	8.00-20	110.0	242.0	34.0	864	11.4	290
9.00-16	U	7.00-16	107.0	235.4	35.0	890	8.7	220
8.25-20	U	6.00-20	125.0	275.0	38.2	970	8.3	211
	P				38.2	970	9.1	230

03 Forklift / Truck

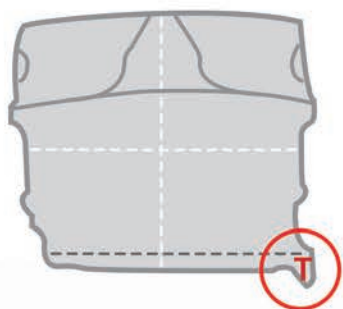
Tire size (inch)	Tread Design	Rim size	Tire weight		Tire Dimensions			
					Diameter +/- 3%		Max width +/- 3%	
			kg	lb	inch	mm	inch	mm
9.00-20	U	7.00-20	168.0	369.6	39.8	1010	8.7	220
	P				40.6	1030	10.2	260
14/65-20	P	10.00-20	228.0	501.6	40.6	1030	13.2	336
10.00-20 7.5"	D	7.50-20	171.0	377.0	40.9	1040	9.8	248
	S		160.0	352.7	40.9	1040	9.4	240
	P		171.0	377.0	40.9	1040	9.3	235
10.00-20 8.0"	D	8.00-20	171.0	377.0	40.9	1040	10.0	253
	U		171.0	377.0	41.3	1050	9.7	247
11.00-20 7.5"	D	7.50-20	188.0	414.5	41.3	1050	10.6	270
	U		201.0	443.1	42.9	1090	10.8	275
11.00-20 8.0"	D	8.00-20	188.0	414.5	41.3	1050	10.6	270
	U		201.0	443.1	42.9	1090	10.8	275
12.00-20 8.0"	U	8.00-20	201.0	443.1	42.9	1090	10.8	275
	D		224.0	493.8	43.3	1100	11.3	287
12.00-20 8.5"	D	8.50-20	234.0	515.9	43.3	1100	11.3	287
	U		250.0	551.2	45.3	1150	11.3	287
	P		260.0	573.2	45.3	1150	11.8	300
43X13-20	D	10.00-20	256.0	563.2	43.3	1100	12.7	322
	P	10.00-20	263.0	578.6	43.3	1100	12.7	322
14.00-20	MD	10.00-20	376.0	827.2	49.2	1250	13.8	350
12.00-24	U	8.50-24	271.0	596.2	48.8	1240	11.8	300
	H				48.6	1235	12.6	320
	P				48.8	1240	12.6	320
14.00-24	D	10.00-24	427.0	939.4	53.5	1360	14.2	360
	H				55.7	1415	15.0	380
	P				53.6	1361	14.1	359
14.00-25	D	10.00-25	431.0	948.2	53.5	1360	14.2	360
17.5-25	D, D1A, D2A	14.00-25	505.0	1113.5	53.4	1356	17.3	440
	P				53.5	1360	18.1	461
16.00-25	D	11.25-25	670.0	1474.0	59.1	1500	16.9	430
	P, P1A, P2A				59.6	1514	16.9	430
18.00-25	D	13.00-25	897.0	1977.8	63.8	1620	19.3	490
	P		852.0	1878.7	62.6	1590	18.9	480
	P MED		1030.0	2270.0	66.0	1700	19.7	500
	PEX		1108.0	2443.0	68.9	1750	19.7	500
21.00-25	P	16.00-25	1335.0	2943.0	68.9	1750	22.7	576

04 Other Special Vehicles

Tire size (inch)	Tread Design	Rim size	Tire weight		Tire Dimensions			
					Diameter +/- 3%		Max width +/- 3%	
			kg	lb	inch	mm	inch	mm
10.00-20 7.5"	D1A	7.50-20	164.0	360.8	40.9	1040	9.8	248
10.00-20 8.0"	D1A	8.00-20	164.0	360.8	40.9	1040	9.8	248
355/50-20	P, P1A	10.00-20	138.0	304.3	34.0	864	13.4	340
	U	9.00-20	125.0	275.6	34.0	864	12.4	315
385/65-24	F, F1A, F2A	10.00-24	207.0	455.4	42.1	1070	14.6	370
41X17-24	F, F1A, F2A	15.00-24	225.0	495.0	41.0	1041	17.0	432
445/65-24	F, F2A	12.00-24	311.0	684.2	45.3	1150	17.3	440
42X12-24	U	8.50-24	171.0	376.2	41.0	1042	11.8	300
43X16-20	MD	13.00-20	328.4	724.1	43.0	1092	15.7	398
44X18-20	U	14.00-20	327.0	719.4	42.1	1069	18.0	457
48X14-24	U	10.00-24	324.0	712.8	48.4	1230	13.6	345
51X14-24	D	10.00-24	406.0	895.1	51.0	1310	14.1	360
53X18-24	MD	14.00-24	565.0	1245.0	53.0	1346	18.0	457
45X20.5-25	P	17.00-25	411.0	906.3	45.0	1143	20.5	520
	MH		366.0	807.1	45.0	1143	20.5	520
45X24.5-25	P	19.50-25/2.0	495.0	1091.0	45.0	1143	24.5	622
49X17.5-25	P	14.00-25/2.0	450.0	992.0	49.0	1245	17.5	444
49X20.5-25	P	17.00-25	555.0	1221.0	49.0	1245	20.5	520
	MH		504.0	1108.8	49.0	1245	20.5	520
52X20.5-25	D, D1A	17.00-25	615.0	1353.0	53.1	1350	20.3	516
52X27-25	D	22.00-25	850.0	1870.0	53.1	1350	27.0	685
26.5-25	XD	22.00-25	1461.0	3221.5	69.1	1755	26.4	670
	XP		1508.0	3325.1				
29.5-25	XP	25.00-25	2015.0	4443.1	73.6	1870	29.5	750
58X32-47	R	30.00-47	570.0	1254.0	58.0	1474	32.2	819
18.00-33	U, U2A	13.00-33	990.0	2178.0	72.5	1842	18.0	458
21.00-33	U	15.00-33	1618.0	3567.7	79.5	2020	22.5	572
21.00-35	U2A	15.00-35	1605.0	3531.0	81.6	2072	22.5	572
24.00-35	U, U2A	17.00-35	1786.0	3929.2	81.6	2072	25.6	650
63X18-37	D	13.00-37	740.0	1631.4	63.0	1600	19.3	490
61X38-37	P	33.00-37	1321.0	2912.8	61.0	1550	38.0	965
29.5-45	MD, MD1A	22.00-45	1835.0	4037.0	79.6	2022	30.5	775
35/50-45	MD, MD1A	28.00-45	1975.0	4345.0	80.0	2032	35.0	890
35/45-51	MD, MD1A	28.00-51	1975.0	4345.0	82.3	2090	35.0	890
45/60-51	U	32.00-51	5250.0	11576.3	106.3	2700	45.0	1143
45/45-63	U	32.00-63	4350.0	9570.0	106.3	2700	45.0	1143

05 Quick Assembly

Tire size (inch)	Tread Design	Rim size	Tire weight		Tire Dimensions			
					Diameter +/- 3%		Max width +/- 3%	
			kg	lb	inch	mm	inch	mm
15X4.5-8	S	3.00-8	9.0	19.8	15.4	390	4.7	114
16X6-8	U	4.33-8	14.0	30.8	16.3	414	5.3	134
18X7-8	S	4.33-8	18.5	40.7	17.6	447	6.9	174
200/50-10	U	6.50-10	23.5	51.7	18.0	458	7.7	196
21X8-9	S	6.00-9	40.5	89.1	21.0	533	7.4	188
7.00-12	S	5.00-12	47.7	105.0	26.0	660	6.9	174
23X9-10	S	6.50-10	46.0	101.2	22.8	578	8.3	210
23X10-12	S	8.00-12	47.5	104.5	23.0	584	10.0	254
27X10-12	D	8.00-12	67.5	148.5	26.2	665	9.4	239



Quick Assembly Tire

Ideal Vehicles for use:

Forklift trucks
(Not for highway use)



YEUN DIING ENTERPRISE CO., LTD.

ADD : No. 30, Dou-Kong 6th Road, Dou-Liu Industry Area, Dou-Liu City, Yun-Lin County, Taiwan

TEL : 886-5-5574348

E-MAIL : info@tycushiontire.com.tw

FAX : 886-5-5574655

Solid Tire Identification Questionnaire

(Presentation)

Thanks for being interested in our TY solid tires. For identifying the suitable tires and compound for you, Please complete the answers to the following questions for us. Thank you for your assistance.

Vehicle

- ※ ☐ Skid Loader ☐ Wheel Loader ☐ Forklift Other : _____
- ※ Brand : _____ Model No. _____ Made in year _____
- ※ Power : ☐ Gasoline ☐ Propane ☐ Electric ☐ Diesel Other : _____
- ※ Machine Weight : _____ tons
- ※ Loaded Capacity : _____ tons
- ※ Working Distance : _____ (m / route)
- ※ Working Hours : _____ (hr / day)
- ※ Working Speed : _____ (km / hr)

Tires Using Presently

- ◆ ☐ Pneumatic ☐ Solid ☐ Foam Filled ☐ Press on Other : _____
- ◆ Brand : _____
- ◆ Front Wheel Size : _____ x _____ pcs
- ◆ Rear Wheel Size : _____ x _____ pcs

Application

- ★ ☐ Mining Field (☐ Underground / ☐ Surface Ground) ☐ Waste Management
- ☐ Construction ☐ Steel Recycle / Producing ☐ Food Industry
- ★ Characters of the Application:
- ☐ Normal and flat ☐ Oily ☐ Wet ☐ Chemical Damage ☐ Scraping
- ☐ Easy-peeling ☐ Sharp Object ☐ Heavy Leachate
- Other : _____
- ★ Working Temperature : about _____ (°C or °F)

Other Special Comment : _____

Authorized dealers:



YEUN DIING ENTERPRISE CO., LTD.

No.30, Dougong 6th Rd., Douliu Industrial Park,
Douliu City, Yunlin County, Taiwan(R.O.C)

Tel:+886-5-557-4650 / Fax:+886-5-557-4655

E-mail:info@tycushiontire.com.tw

<http://www.tycushiontire.com.tw>

