



**T**he Innovative Apex Solid OTR Tyre is specially crafted for industrial vehicles which operating in hazardous environments such as scrap yards, slag steel mills, glass works, dumping sites, waste sites and loading fields...ets. Vehicles with pneumatic tires while operating in these fields are easily encountering problems such as air leakage tread damages, and even blowouts due to abnormal punctures, cutting, and piercing...etc. These issues consequently leads to downtime and extra maintenance. When these situations occur often, repair and maintenance becomes too costly and time consuming.

Apex Solid OTR tyre is introduced to solve these issues. With application-driven designs and product features including low heat elastic tread rubber, Enhanced friction fabric-blended base rubber, and unique cushion aperture allocation, Apex is able to provide most cost saving and work efficiency products to meet customer needs. In addition, via the long-time and low-temperature curing process, we are able to make sure each tire produced matching customer's expectation as well as quality consistency.



Tire for Pinnacle Performance

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## **APEX SOLID OTR TYRE**



Tire for Pinnacle Performance

# Apex Solid OTR Tyre

✓ Features of pattern:

for industrial vehicles



## TJ1601H

• TJ1601H is designed for very tough applications and with its 'hardy' pattern and deep tread. TJ1601H has long wearing life and is the number one choice for value driven customers. (It is typically suitable for Waste Handler such as Komatsu WA 450-6 series.)

Application: Wheel Loader ( Scrap yards, Slag steel mills, Dumping sites)



## TJ1801H

• TJ1801H is built with balanced features between traction and loading. It is very good for short-middle distance rotation and loading vehicles, such as CASE 521E series

Application: Telescopic Handler, Wheel Loader (Construction sites...etc.)



## TJ1805H

• TJ1805H provides not only high loading capacity but also better steering ability. With Z shape pattern design, it delivers better mobility in scrap sites.

Application: Wheel Loader ( Loading sites, Waste sites, Dumping sites...etc.)



### Technical Data

Size	Pattern	Rim Width/Flange Height	O.D. (mm)	S.W. (mm)	T.W. (mm)	T.D. (mm)	Pitches	W.T (kgs)	Steering Wheel (Kgs)	Load Capacity		
										Kg@6 Km	10 km	25 km
13.00-24	TJ10601	8.5/1.5	1250	320	294	60	16	325	6375	7714	7013	6375
	TJ1601H	8.5/1.5	1250	320	294	60	16	319	6375	7714	7013	6375
	TJ1801H	8.5/1.5	1280	320	294	60	22	312	6375	7714	7013	6375
14.00-24	TJ10601	10/1.5	1320	340	320	65	16	400	9350	11220	10098	9350
	TJ1601H	10/1.5	1320	340	320	65	16	386	9350	11220	10098	9350
	TJ1805H	10/1.5	1350	360	320	65	24	403	9350	11220	10098	9350
14.00-25	TJ10601	10/2.0	1320	340	320	65	16	405	9350	11220	10098	9350
	TJ1805H	10/2.0	1350	360	320	65	24	416	9350	11220	10098	9350
	TJ10601	11.25/2.0	1500	410	380	80	16	595	8500	10200	9180	8500
16.00-25	TJ10805	11.25/2.0	1500	420	380	80	24	587	8500	10200	9180	8500
	TJ10805	13/2.5	1615	490	430	85	12	840	9000	10800	9750	9000
17.50-25	TJ1601H	14/1.5	1330	420	405	75	10	484	8000	9680	8800	8000
	TJ1801H	14/1.5	1340	440	400	75	20	474	8000	9680	8800	8000
	TJ1601H	17/2.0	1500	510	480	80	16	794	9000	10890	9900	9000
20.50-25	TJ1805H	17/2.0	1500	520	480	80	24	758	9000	10890	9900	9000
	TJ1601H	19.5/2.5	1620	580	520	90	16	1055	10000	12100	11000	10000
	TJ1801H	19.5/2.5	1620	580	520	90	20	980	10000	12100	11000	10000
23.50-25	TJ1601H	22/3.0	1750	650	600	100	10	1450	15000	18150	16500	15000
	TJ1601H	22/3.0	1750	670	600	100	18	1472	15000	18150	16500	15000
	TJ1801H	22/3.0	1750	670	600	100	20	1372	15000	18150	16500	15000
29.50-25	TJ1601H	25/3.5	1870	740	694	127	20	1908	22500	27000	24300	22500
	TJ1601H	33/4.0	2030	850	800	127	10	2500	26000	31200	28080	26000

### Pattern



### Compatible Brands & Models of Vehicle

Vehicle Brands	CATS	CASE	VOLVO	KOMATSU
17.5-25	924H	521E/EXT/EXR	L60F	WA200-6/WA250-6
20.5-25	928H/ 930H/938H	621E/EXT/EXR.721E/721EXT	L60F/L70F/L920F	WA320-6/WA320PZ-6/WA380-6
23.5-25	950H/962H	821E/EXR	L110F/L120F	WA380 WASTE HANDLER/WA430-6
26.5-25	966H/972H	921E/EXR	L150F	WA450-6/WA450-6WASTE HANDLER/WA480-6
29.5-25	980H	1221E/EXR	L180F/L220F	WA500-6
35/65-33	988H	-	L350F	WA600-6
1300-24	-	TX742 / TX842 / TX945	-	-
1400-24	TH560B / TH580B	-	-	WH716

### Tyre Tread Depth v.s Pneumatic tire

Tire Size	Solid Tire Pattern		Tread Depth Comparison	Pneumatic Tire Pattern *	
	601H (mm)	805H (mm)		L3 (mm)	L4 (mm)
17.5-25	75	75	Tread Depth Comparison	27	63
20.5-25	80	80		31	72
23.5-25	90	90		34	78
26.5-25	100	100		37	87
29.5-25	127	-		40	94
35/65-33	127	-	-	97	
1300-24	60	65	Tread Depth Comparison	-	-
1400-24	65	65		25	24

\*Pneumatic Tire Tread Depth is according to TRA

## Apex Solid OTR Tyre Advantage:

Longer wearing life (Deep lug Design)

Clean tread design for easy steering

Resistance for punctures

High loading capacity

Lower maintenance cost

Resistance for cutting, piercing

No downtime

Aperture cushion design (soft ride)