



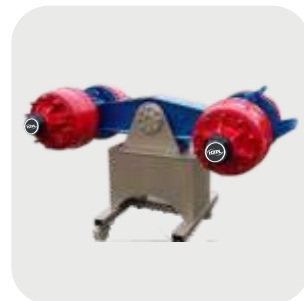
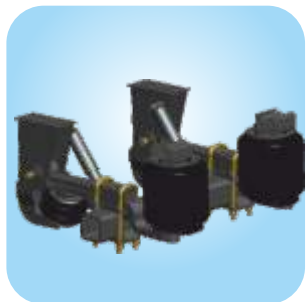
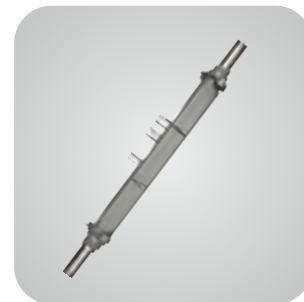
ISO 9001:2015

H.D. TRAILERS PRIVATE LIMITED

Manufacturer / Suppliers of Trailer Parts



Branches: Raipur | Gandhidham | Vadodara | Jamshedpur | Singrauli | Rourkella | Jaipur | Kolkatta | Namakkal



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COMPANY PROFILE

H.D. Trailers Pvt. Ltd is one of the leading and reliable manufacturer and supplier of Heavy Duty, High Quality Trailer Parts and Spares in domestic as well as international market like Dubai, Saudi Arabia, Bangladesh etc. HDTPL, incorporated in 2011, has established itself in short span of time throughout the country and built a brand “HDTPL”.

HDTPL has two manufacturing units with monthly production/ assembling capacity of 3000 Trailer Axles, 500 Trailer Suspensions and 100 Running Gears. In addition to these products, the Company is into manufacturing/ supplying of other trailer products like Landing Gear, Spring Leaf, King Pin, Air Suspensions, Fifth Wheel Coupling, Cantilever Suspension, Bogie Suspension, etc which are sourced either locally or imported from China.

HDTPL is a quality manufacturer and supplies high performance products and strongly believe in “Serving Quality, Durable and Low Maintenance Product at Competitive Price, at Convenient Location with Prompt and Timely Service.” HDTPL’s products are approved by ARAI (Automotive Research Association of India) and ICAT (The International Center for Automotive Technology).

HDTPL is licensed manufactures of all types of Semi-Trailers which can be used in Solid, Gas and Liquid (includes Chemical and Oil) Tanker transportation.

HDTPL customer centric company with focus on client satisfaction, the services offered by HDTPL are best in the Industry and differentiate from other competitors because of its nationwide reach and pre and post sales service. Also, HDTPL promotes innovation, developing and improvising its product offering to the market.

Application:

The Company is dealing with mainly Axle, Suspension, Leaf Spring, Landing Leg, King Pin and Wheel Rim which are used for manufacturing of all type of Trailers, Semi Trailers, Tanker Trailers, Running Gears, Chassis Carriers, Car Carriers, Construction Equipment, Tip trailers, Bulklers & Defense Trailers which are used for carrying Container, Chassis, Truck, Car, Cement movement, Gas movement, Defense equipment movement and other Heavy Material Transportation.

Our Team:

- I. Management: The Management is having experience of more than 15 years in Trailer industry.
- II. Sales & Marketing: HDTPL's sales team comprises of 40 executives located throughout the country. They are experienced, customer friendly and well versed of the industry and its dynamics.
- III. Design: HDTPL's approach is customer centric with in-house design facility. We have dedicated staff that develop and design product as per our customer requirement.
- IV. Production & Service: Company is having more than 100 skilled, laborious and efficient staff in various departments of the Company.
- V. Quality: Company's is having ISO 9001:2015 certification. It maintains International Quality Standard for Indian as well international market. HDTPL has highly educated Quality Inspection and testing team ensures best quality production the plant. The Company has applied TS16949 which is under process.

Location:-

HDTPL's Head office is located in heart of the transport market of Maharashtra that is Kalamoli, Navi Mumbai. HDTPL has two factory units; both are located in Additional MIDC, Patalganga, Maharashtra. The Company also is having the Branches in eight states namely Chhattisgarh (Raipur), Jharkhand (Jamshedpur), West Bengal (Kolkata), Gujarat (Gandhidham & Vadodara), Madhya Pradesh (Singrauli), Orissa (Raurkella), Rajasthan Ajmer and Tamil Nadu (Namakkal).

Our Mission: -

Company's main mission is customer Satisfaction. All Customer Should Satisfied with our products and pre & post sales Services.

The Company follows Gandhian Customer centric philosophy in customer services.

"We are not doing him a favour by serving him. He is doing us a favour by giving us an opportunity to do so."

Speech given by - Mahatma Gandhi.

Our Vision : -

HDTPL to be Market Leader in Trailer Parts industries in india by 2020 & across the world by 2025.

For inquiry: +91-22-27424666 / 27426822
headoffice@hdtplindia.com / www.hdtplindia.com

Axle Series & Features



***First-class product quality
Prices of win-win co-operation
Meticulous and
thoughtful services***

- High Quality low-alloy single piece axle tube with strong carrying capacity and high bending strength
- The axle tube is tempered as a whole, quenched optimally and then finished by high-precision machinery.
- Environmental non-asbestos brake liner increases the life of the Axle by 25%.
- Strong interchangeable brake components and S-camshaft make action more flexible and reliable.
- Lithium based, Mobil XHP222 grease makes the Axle run longer without any maintenance, we warranty for 1 lac km.
- Steel hub cap designed uniquely with special O-Ring, which is leak proof.
- ABS is optional feature of our Axle
- Out-board Brake Drum and Hub are distinct and separable, which makes is easy maintain and repair.
- In-Board Brake Drum is available on demand.
- German Axle is available on demand.
- Axles with varying capacities can be made available as per the customer need and demand.
- Axles of customized length can be served as per the specifications of the customer .

-:WHY HDTPL:-

HDTPL Axle :-

1. HDTPL offers American Standard (USA-FMBSS-121 and AUS-ADR38) Axle made with Single Piece Tube (that is without any Joint) manufactured with proper heat treatment, forging, hydraulic pressing (round to square), hardening and micro-level straightening of axle tube.
2. HDTPL Axles are greased with Lithium based lubricant, thus, not requires lubrication up to 1,00,000 Km.
3. Hubs and Drums are made of superior quality casting material with meticulous machining, finishing and foundry work. These Hubs & Drums are supplied throughout the globe including OEMs.
4. HDTPL uses high quality Brake Liners, imported from Germany, are non-asbestos, water proof, corrosion-free, non breakable and has long life.
5. The bolts and nuts used in HDTPL Axles are high tensile product.
6. Every forged item is passed through stringent testing process.
7. HDTPL Axle was approved by ARAI up to 30 Ton static load capacity (which is maximum testing capacity of ARAI) in single axle.
8. HDTPL Axle is approved by ARAI and ICAT for brake testing as per Trailer Code.

HDTPL Suspension:

1. HDTPL's Suspension is one of the branded and preferred (American Standard) suspensions manufactured in India. HDTPL is direct vendor to several OEMs for suspensions.
2. HDTPL uses high grade of steel material with the advance technology making it light - weight and durable.
3. HDTPL uses high-tech equipment for making all types of hangers.
4. HDTPL uses well-hardened 70 mm equalizer pin in middle hanger augmenting strength durability of the suspension.
5. HDPL also uses 5mm thick equalizer bush made of bi-metal (inner of bronze) with proper lubrication system.
6. HDTPL uses properly casted material parts, which are best suited for the trailer suspension.
7. HDTPL uses tri-layer metal-rubber-metal balance Rod Bush increasing life of Rod Bush.
8. HDTPL uses 24 mm internal diameter round shape U Bolt with double nuts & high grade material
9. HDTPL uses all Nut and Bolts in suspension made of high-grade material.
10. HDTPL uses high quality material Spring Leaf.
11. HDTPL Suspensions are approved in ARAI/ ICAT for vehicle testing (for trailer Code).

Our Infrastructure



Axle Assembly Crane



CNC Plazma Cutting Machine



Hoxo Cutting Machine



Lathe Machine



Over Head Crane



Painting Conveyor



Press Machine



Radial Drill Machine



Wheel Bolt & Bearing Inner Surface Fitting



Assembly Line

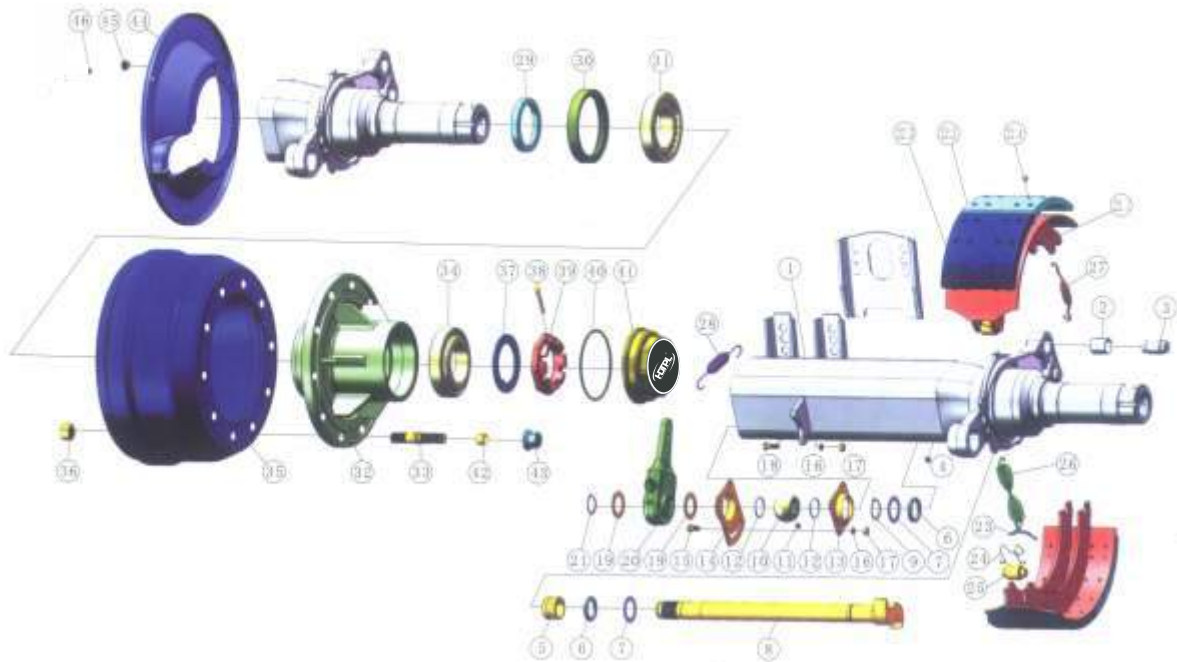


Shot Blasting Machine



Finished Products

Exploded View of Axle



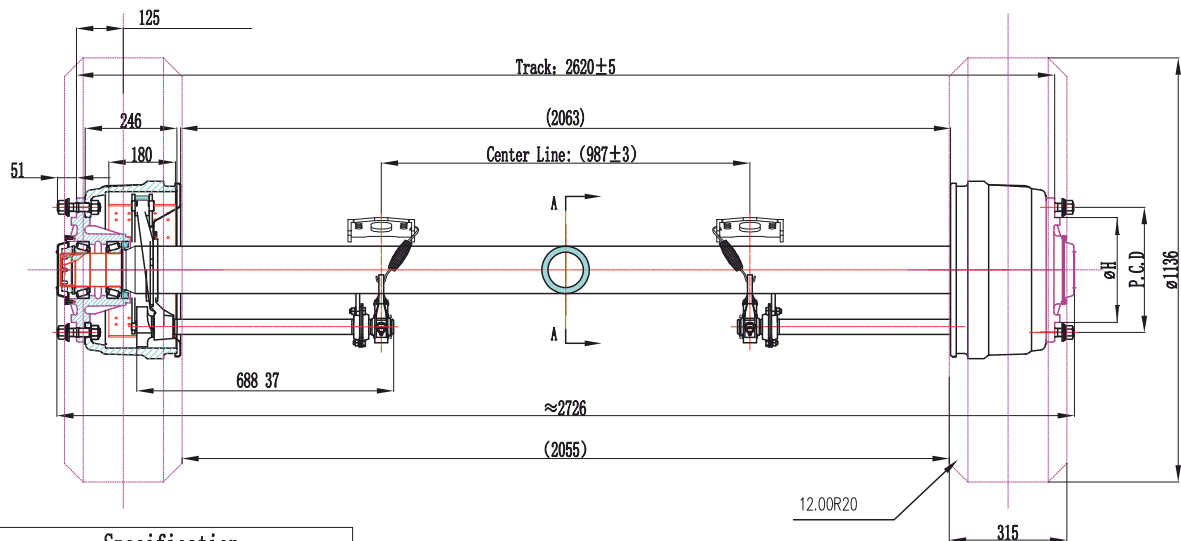
Axle Exploded View Details

1	Axle Tube	18	Cam Shaft Washer	33	Wheel Stud
2	Fixed Pin Bush	20	Slack Adjuster	34	Bearing
3	Brake Shoe Roller - Big	21	Circlip Small	35	Brake Drum
4	Grease Nipple	22	Brake Shoe Assy	36	Lock Nut
5	Cam Bush	22.1	Brake Carrier	37	Axle Washer
6	Cam Oil Seal	22.2	Anchor Liner	38	Cotter Pin
7	Cam Washer	22.3	Brake Liner	39	Axle Check Nut
8	Cam Shaft	22.4	Brake Liner Rivet	40	Hub Cap O Ring
9	Circlip Big	23	Solid Pin	41	Hub Cap
10	Cam Bearing	24	Pin Spring Clip	42	Sleeve
11	Cam Grease Nipple	25	Brake Shoe Roller - Small	43	Wheel Nut
12	Cam O Ring	26	Heavy Duty Return Spring	44	Dust Cover
13	Cam Bracket LH	27	Brake Shoe Spring	45	Dust Cover Bolt
14	Bracket RH	28	Slack Adjuster Return Spring	46	Dust Cover Washer
15	M10 x 20 Hex Bolt	29	Hub Oil Seal		
16	M10 x 20 Hex Bolt washer	30	Bearing Cone		
17	M10 x 20 Hex Nut	31	Bearing		
18	M10 x 30 Hex Stud	32	Hub		

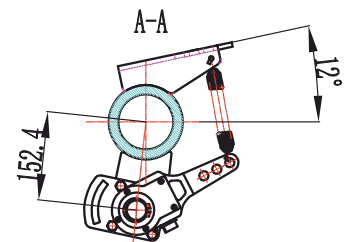
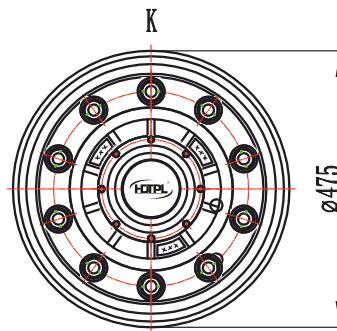
Car Carrier Axle



HDTPL 13 CC



Specification	
Track	2620
Tube	∅127×16
Brake	∅420×180
Center Line	987
Stud	20-M22×1.5 ISO
PCD	∅335
H	∅280.8/∅281
Bearing	InnerHM518445/10 OuterHM518445/10
Camshaft	37teeth L=688
ABS	

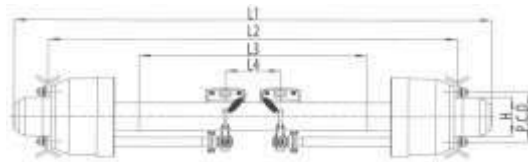


Model No.	Max. Capacity (T)	L2 Track (mm)	Brake(mm)	Bearing	L3 (Spring Seat Installation)	Axle Beam (mm)	L4 Centre Distance of Brake Chamber(mm)	Wheel Fixing			L1 Total Length (mm)	Recommended Wheel	Axle Weight
								Stud	P.C.D (mm)	H (mm)			
HDTPL 16 CC	13	2620	420 x 180	HM518445/10	≥1320	● 127	987	10 x M22 x 2.5 ISO	335	280.8	~ 2620	7.5V-20	385

Low-Loader Axle



HDTPL 11 LL

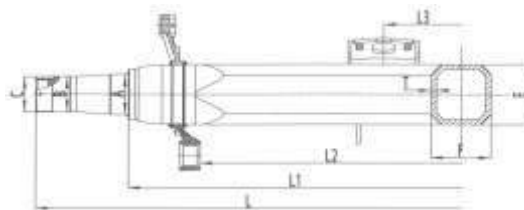


Model No.	Max. Capacity (T)	L2 Track (mm)	Brake(mm)	Bearing	L3 (Spring Seat Installation)	Axle Beam (mm)	L4 Centre Distance of Brake Chamber(mm)	Wheel Fixing			L1 Total Length (mm)	Recommended Wheel	Axle Weight
								Stud	P.C.D (mm)	H (mm)			
HDTPL11LL	13	1850	311 x 190	HM518445/10	≥ 980	● 127	420	10 x M22 x 2.5 ISO	225	175.8	~ 2160	6.5V-15	292

American Type Axle Tube



HDTPL 13 ATT



American Axle (Without Brake System) Specifications

Model No.	Max. Capacity(T)	A/B (mm)	C (mm)	E x F X (mm)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	Weight (kg)
HDTPL13ATT	13	88.9/88.9	3.48"-12UNS	150 x 150 x 12	2108	1644	1297	382	116

Exploded View of Suspension



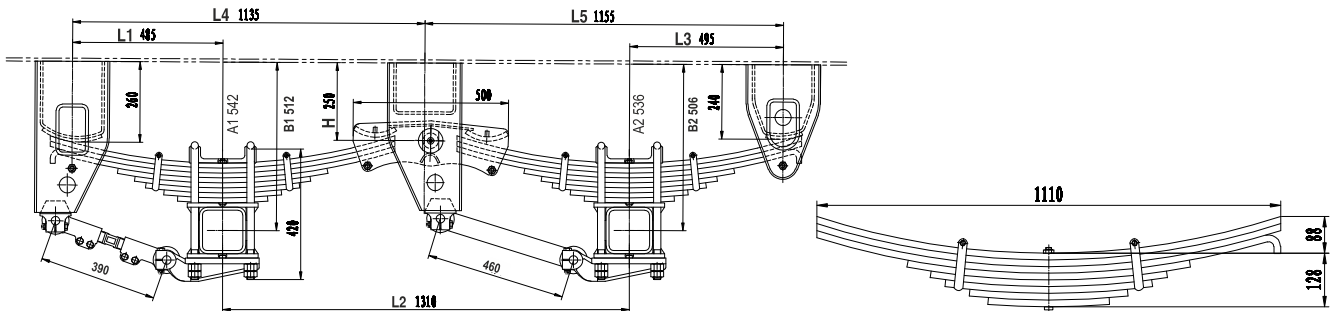
Suspension Exploded View Details

1	Rear Hanger	19	Radius Rod Bush (Metal)
2	Hex Bolt M16 x 130	20	Hex Bolt M14 x 60
3	Hex Nut M16	21	Adjustable Radius Rod (Big)
4	Spring Washer	22	Adjustable Radius Rod Screw (Big)
5	Sleeve	23	Fix Radius Rod (Big)
6	U Bolt	24	Adjustable Radius Arm End
7	U Clam Plate	25	Adjustable Radius Rod Screw (Small)
8	Leaf Spring Assembly	26	Fix Radius Rod (Small)
9	Axle Top Seat	27	Front Hanger
10	Axle Bottom Seat	28	Teeter Board Pin (Small)
11	Pin Fix Position	29	Equalizer Pin Lock Nut M42
12	Teeter Board Assembly	30	Equalizer Pin Washer
13	U Bolt Nut M 24	31	Equalizer Hanger
14	Hex Bolt M14 x 80	32	Equalizer Bush
15	Seal Washer	33	Equalizer Pin
16	Hex Bolt Spring Washer	34	Equalizer (Zula)
17	Hex Nut M14	35	Hex Bolt M16 x 140
18	Teeter Board Pin (Big)	36	Hex Nut

American Type Suspension



HDTPL 13.2 AQ6

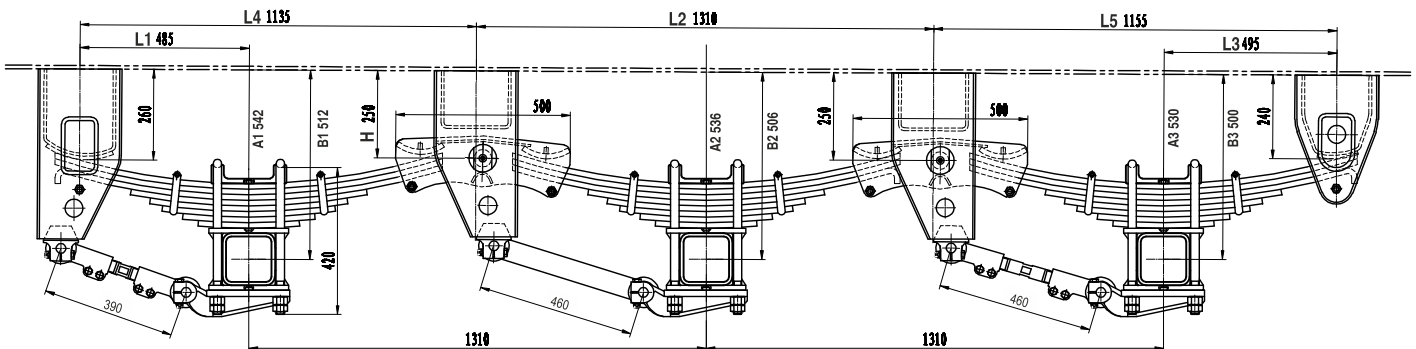


HDTPL 13.2 AQ6 Tandem Suspension With 16 x 90 x 8 Leaf Springs

Model No.	A1 (mm)	A2 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	L5 (mm)	H (mm)	Axle load (kg)
HDTPL 13.2AQ6	542	536	485	1310	495	1135	1155	250	13,000 x 2



HDTPL 13.3 AQ6



HDTPL 13.3 AQ6 Tri Suspension With 16 x 90 x 8 Leaf Springs

Model No.	A1 (mm)	A2 (mm)	A3 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	L5 (mm)	H (mm)	Axle load (kg)
HDTPL 13.3AQ6	542	536	530	485	1310	495	1135	1155	250	13,000 x 3

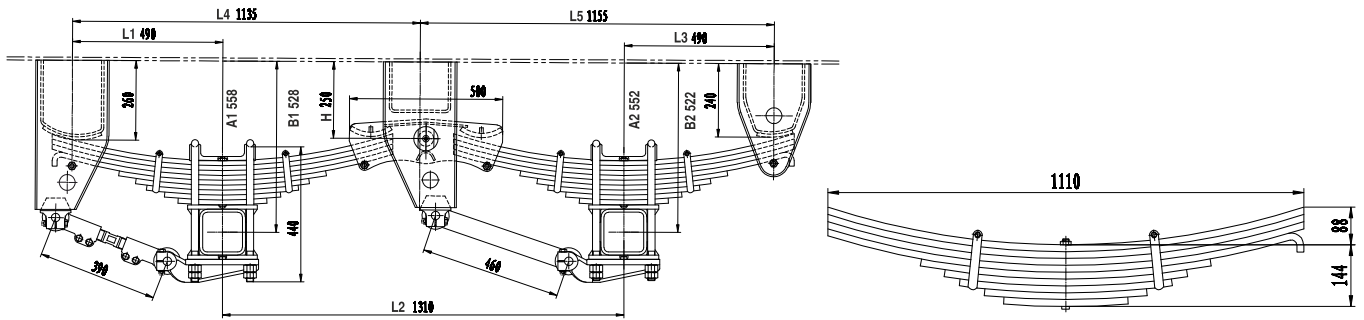
Note:

- ❖ Dimension "A1, A2, A3": Unladen
- ❖ Rated load size "B1,B2, B3" (For reference only)
- ❖ Spring quantity is optional
- ❖ Customer can select site plate thickness 6mm or 8mm
- ❖ The company reserves the rights at any time concrete size should adjusted to the actual one.
- ❖ U bolt Nuts tightening torque- 490 mm- 588 mm

American Type Suspension



HDTPL 16.2 AQ6

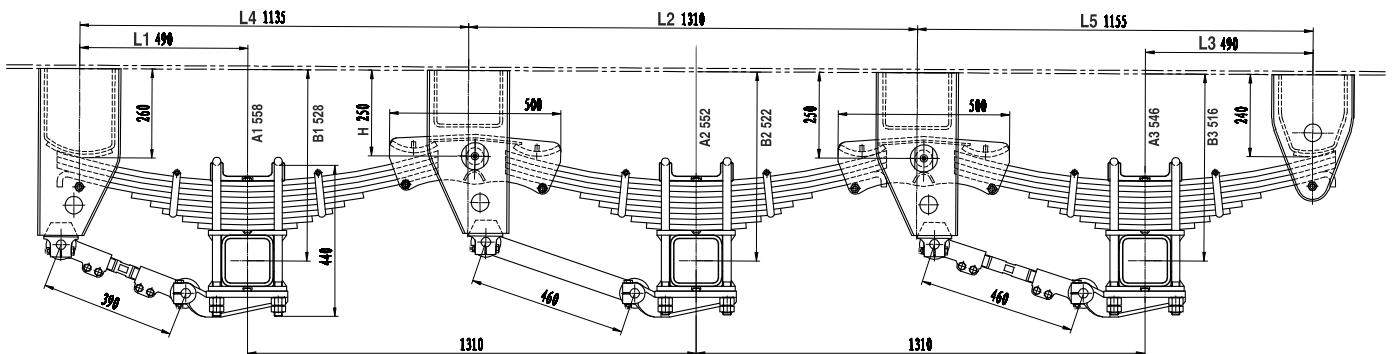


HDTPL 16.2 AQ6 Tandem Suspension With 16 x 90 x 9 Leaf Springs

Model No.	A1 (mm)	A2 (mm)	L1 (mm)	L2 (mm)	H (mm)	Axle load (kg)
HDTPL 16.2AQ6	558	552	490	1310	250	16,000 x 2



HDTPL 16.3 AQ6



HDTPL 16.3 AQ6 Tri Suspension With 16 x 90 x 9 Leaf Springs

Model No.	A1 (mm)	A2 (mm)	A3 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	L5 (mm)	H (mm)	Axle load (kg)
HDTPL 16.3AQ6	558	552	546	490	1310	490	1135	1155	250	16,000 x 3

Note:

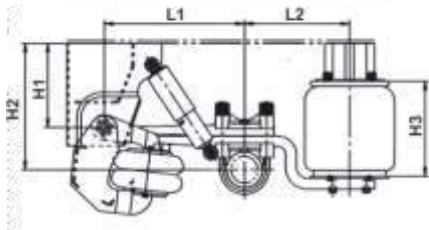
- ❖ Dimension "A1, A2, A3": Unladen
- ❖ Rated load size "B1, B2, B3" (For reference only)
- ❖ Spring quantity is optional
- ❖ Customer can select site plate thickness 6mm or 8mm
- ❖ The company reserves the rights at any time concrete size should adjusted to the actual one.
- ❖ U bolt Nuts tightening torque- 490 mm- 588 nm

Air Suspension

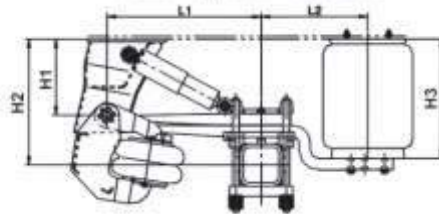


HDTPL 13 AS

American Type Air Suspension



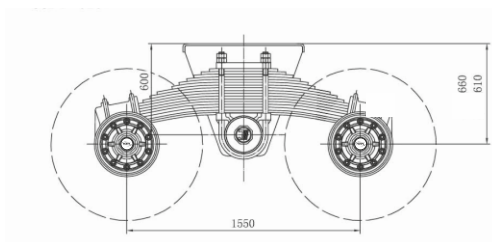
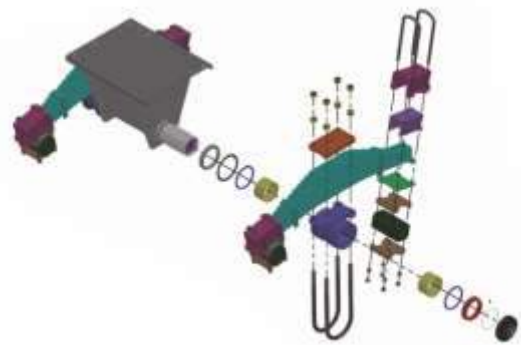
German Type Air Suspension



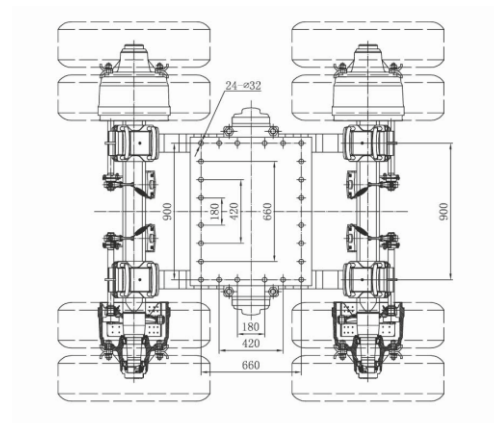
Bogie Suspension



HDTPL 32 BS



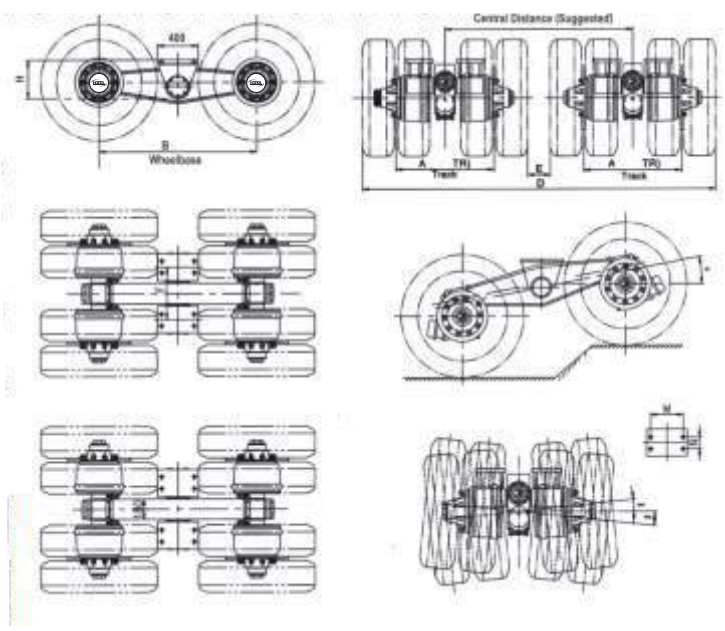
HDTPL 32 BS Single Point Suspension



B Type Cantilever / Argo Bogie Suspension (Four-Axle)



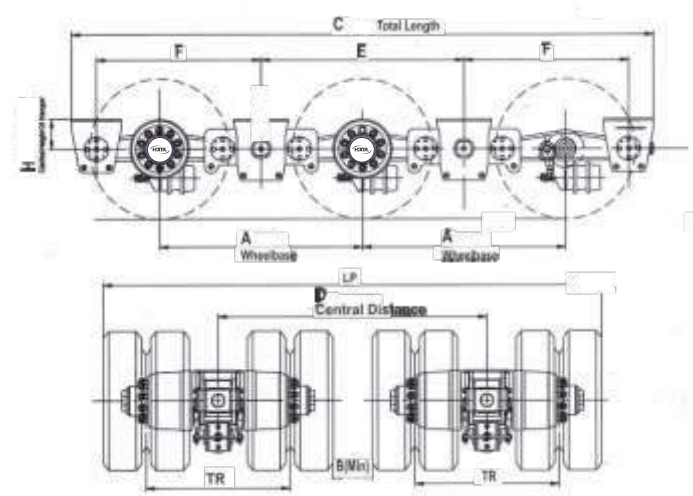
HDTPL 40 ABS



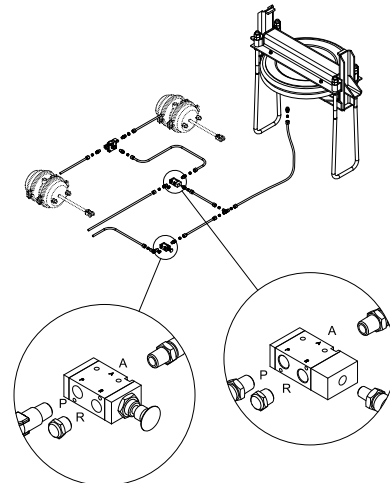
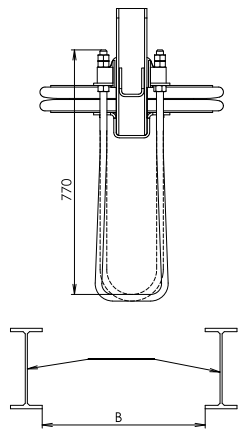
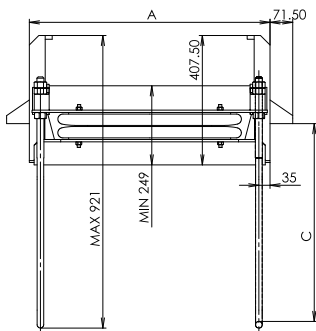
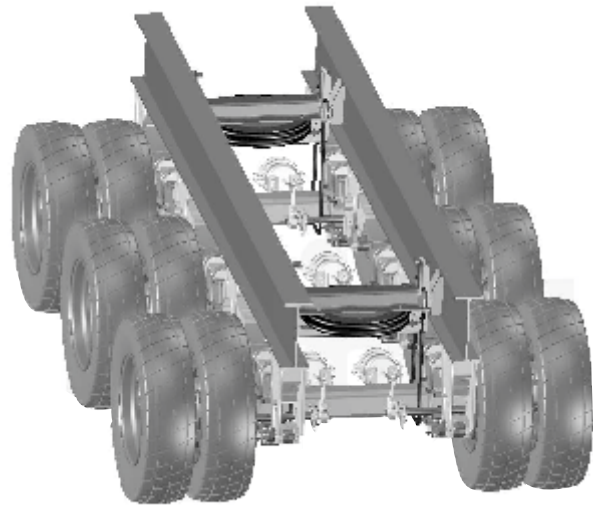
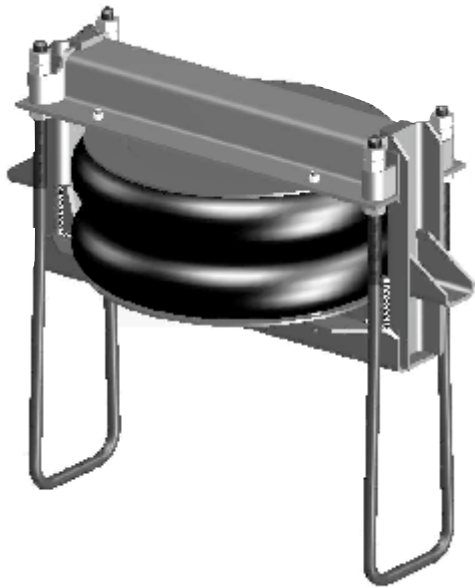
C Type Cantilever / Argo Bogie Suspension (Six-Axle)



HDTPL 80 ABS



Pneumatic Axle Lifting System



HDTPL 13 LS

The pneumatic axle lift system is applicable to Semi-trailer installed with mechanical suspension. The main purpose of this system is to lift the axle of the trailer when the trailer is unloaded or light loading ($\leq 20t$), instead of installing full set of air suspension. It can be easily installed in the front axle, rear axle or both axles, to lift 2 axles at the same time. The motive power is from the vehicle-mounted air pressure; one instruction can lift or release the axle.

This system uses high-resistant material, imported-brand air spring, as well as pneumatic components.

This system can reduce tire friction with the ground. Especially if vehicle turns on the spot, it will reduce tire's lateral movement effectively. When front axle and rear axle both lifted, it fully avoid the tire' lateral movement and decrease the possibility of tire friction, bearing friction, even tire burst while the turning radius is short.

The advantages of lifting the axles from the ground:

- Reduce tire wear
- Reduce mechanical suspension wear
- Reduce fuel consumption
- Reduce bearing wear
- Increase vehicle trafficability
- Increase vehicle maneuverability

Trailer Landing Gear Approved



HDTPL 28 B

Features:

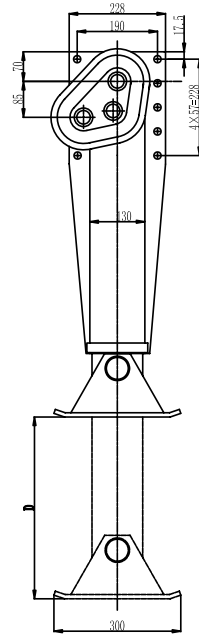
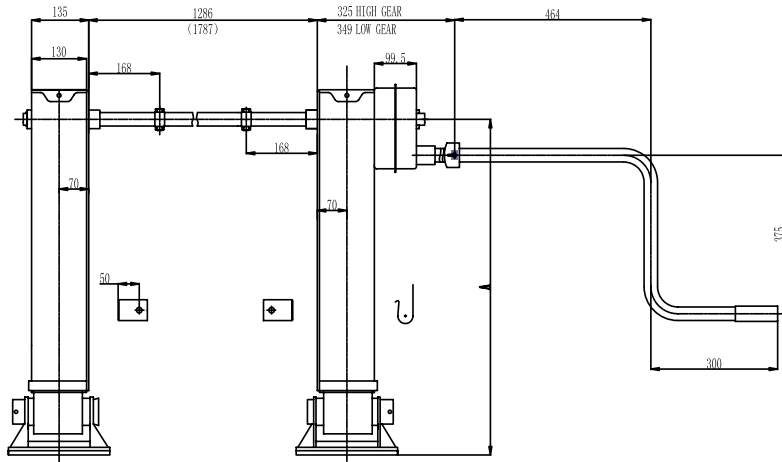
1. Gearbox with low temperature premium chassis lube rated for service from -30 C to +120 C .
2. Maintenance free feature with Grease Lubricants packed jack screw.
3. "Double" Speed Design for better efficiency .
4. Wider backing mounting plate for load bearing capacity and extended life.
5. Multi type shoes available for deferent uses .
6. Meets TTMA AAR & German Safety Regulation for commercial Vehicle.

Standard Specifications

Capacity	28,000Kg Pair
Static	80,000Kg Pair
Weight	112Kg
Crank Force	22
Low Gear	0.72mm Per Turn (mm/r) of Handle
High Gear	5.42mm per Turn (mm/r) of Handle
One Side Operation Crank Force	28t-35Kg
	28t-17Kg

Note : Available Both side gear & inside gears as demand

Landing Gear



HDTPL 28 B

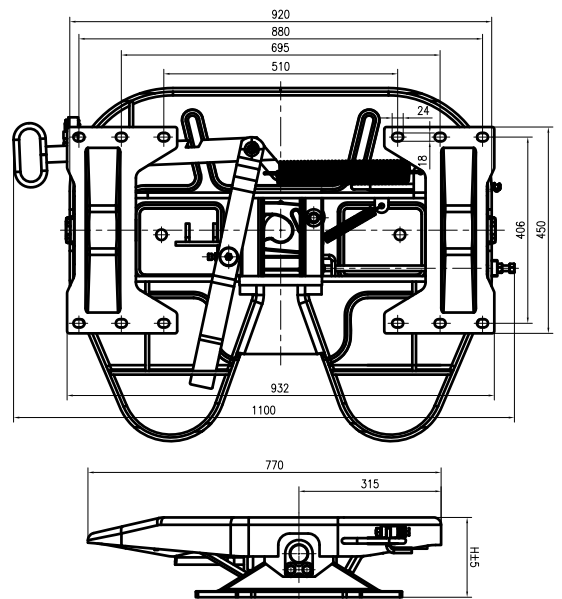
Standard Models

One Side Operation Landing Gear Assy	
TYPES	HEIGHT A (mm)
HDTPL 28A	830
HDTPL 28B	844

Fifth Wheel



HDTPL 2" FW



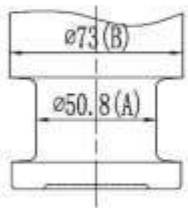
Trailer King Pin



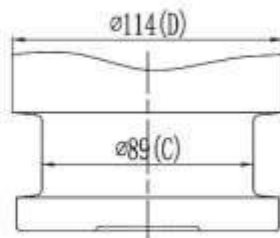
HDTPL 2 BKP / HDTPL 2 WKP

Features:

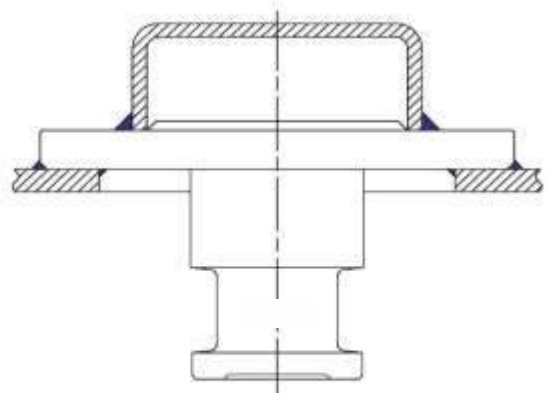
1. Manufacturing from high tensile drop forgings and heat - treated.
2. Available in bolt-in and welded series.
3. Complies with Australian standards AS2175-1975 and Australian Design Rule ADR62/01



2"



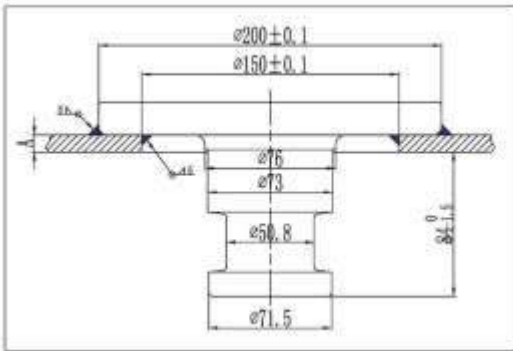
3"



1

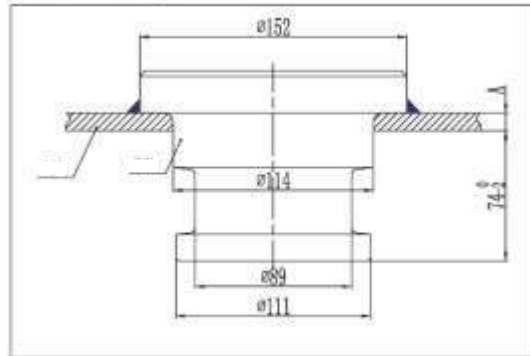
Welded King Pin

2" Welded Kingpin



Model No.	D- Value	Skid Plate Thickness
HDTPL 2"WKP	108	08

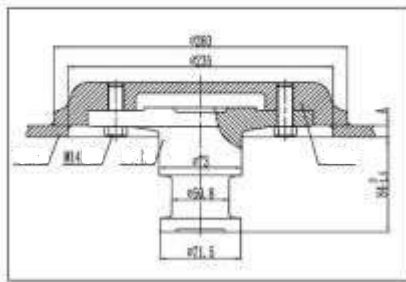
3.5" Welded Kingpin



Model No.	D- Value	Skid Plate Thickness
HDTPL 3.5WKP	174	12

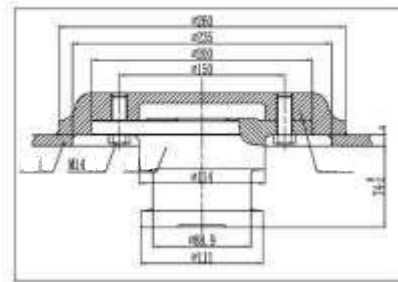
Bolt-in King Pin

2" Bolt-in Kingpin Assy



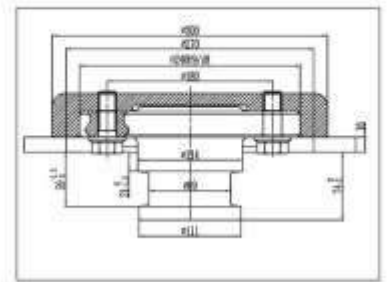
Model No.	D- Value	Skid Plate Thickness
HDTPL 2" BKP	240	10

3.5" Bolt-in Kingpin Assy



Model No.	D- Value	Skid Plate Thickness
HDTPL 3.5" BKP	280	16

3.5" Bolt-in Kingpin Assy

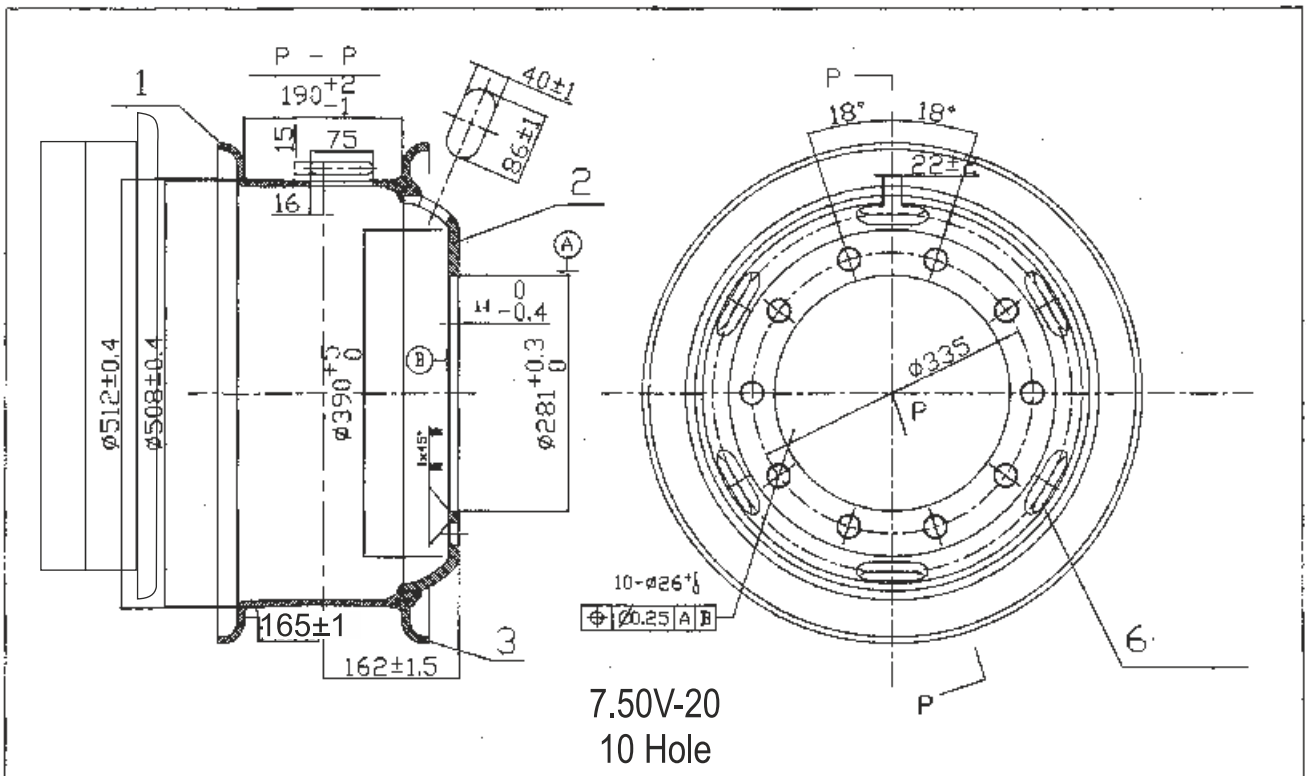


Model No.	D- Value	Skid Plate Thickness
HDTPL 3.5" BKP	280	16







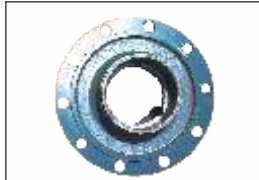















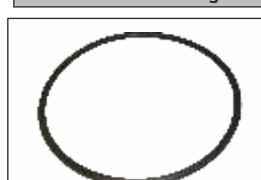

















Wheel Rim



HDTPL 7.50 x 20






Trailer Axle Parts

				
Air Brake Chamber - T 24	Air Brake Chamber - T24X24	Slack Adjuster	Brake Liner	Wheel Nut - M22x2.5
				
Wheel Stud - M22x2.5	Hub	Brake Drum	Anchor Liner	Bearing
				
Hub Cap Steel	Brake Shoe Assembly	Hub Oil Seal	Axle Check Nut	Axle Washer
				
Cam Shaft Cerclip- Big	Cam Shaft Cerclip- Small	Cam Bearing	Quarter Pin	Cam Bush
				
Heavy Duty Return Spring	Brake Shoe Spring	Hub Cap O Ring	Cam Shaft Plain Washer	Bracket Cam Bearing
				
Slack Adjuster Return Spring	Diaphragm Rubber T24	Brake Shoe Roller Small	Brake Shoe Roller Big	Brake Liner Revit
				
Yoke	Came Bearing Oil Seal	Cam Washer	Solid Pin Return Spring	Brake Spider
				
Brake Spider Bush	Grease 2Kgs	Dust Cover	Cam Soft Mounting Bracket	Cam Shaft

Trailer Suspension Parts

			
<i>Adjustable Radius Rod Front</i>	<i>Fixed Radius Rod Front</i>	<i>Adjustable Radius Rod Rear</i>	<i>Fixed Radius Rod Rear</i>
			
<i>Axle Seat Top</i>	<i>Axle Seat Bottom</i>	<i>Teeter Board Assembly</i>	<i>U Clamp Plate</i>
			
<i>Equalizer Pin Bush</i>	<i>U Bolt</i>	<i>Equalizer Pin</i>	<i>Teeter Board Pin</i>
			
<i>Front Hanger</i>	<i>Center Hanger with Equalizer</i>	<i>Rear Hanger</i>	<i>Radius Rod Bush</i>
			
<i>Spring Leaf</i>	<i>Hanger Pin</i>	<i>Radius Rod End LH</i>	<i>Radius Rod End RH</i>

Other Trailer Parts

			
<i>Relay Emergency Valve</i>	<i>Twist Lock</i>	<i>ABS Unit</i>	<i>Pole Wheel</i>

Sales & Services Network

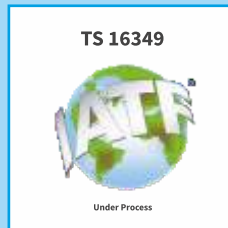


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