

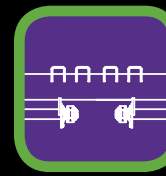
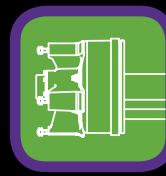
## TMC TRAILER AXLES

Besides the full range of standard models, both drum and disc braked, to suit 17.5", 19.5", 22.5" wheels, TMC can offer any axle track length required and can also customize the axle build as necessary to suit special purpose applications.

Whether supplied with 10 tonne **LMV** or 12 tonne **LM Xp** airbag suspension or TMC's well proven mechanical suspension kits, TMC's trailer axles are equipped to return increased profit to the operator through the use of long life components and lower maintenance costs.

- Fully enclosed camshafts
- Induction hardened bearing journals
- Industry standard bearings and seals
- Heavy-duty camshafts to suit all applications
- 'Q' quick release brake shoes
- Quality hub/drum assemblies
- Optional axle tube thickness
- Optional track lengths


# TRAILER AXLES



AXLE TYPE	BRAKE SIZE	HUB	TRACK	ADR RATING
<b>STANDARD TRAILER AXLE - TN WHEEL BEARINGS - HM218248/218210 &amp; HM212049/212011</b>				
851100	420mmx180mm 'S' cam	5 Spoke Spider	1850mm	12.0T
851200	420mmx180mm 'S' cam	10 Stud x 285 pcd	1850mm	12.0T
851250*	420mmx180mm 'S' cam	10 Stud x 285 pcd Alloy	1850mm	12.0T
851300	420mmx180mm 'S' cam	10 Stud x 335 pcd	1850mm	12.0T
851350*	420mmx180mm 'S' cam	10 Stud x 335 pcd Alloy	1850mm	12.0T
851400	335mmx210mm 'S' cam	8 Stud 275 pcd	1860mm	11.5T
851450*	335mmx210mm 'S' cam	8 Stud 275 pcd Alloy	1860mm	11.5T
851600	335mmx210mm 'S' cam	10 Stud 225 pcd	1850mm	11.5T
851700	335mmx210mm 'S' cam	3 Spoke Spider suit 17.5"	1905mm	11.5T
<b>HEAVY DUTY TRAILER AXLE - TP WHEEL BEARINGS - HM518445/518410</b>				
852100	420mmx180mm 'S' cam	5 Spoke Spider	1850mm	12.0T
852200	420mmx180mm 'S' cam	10 stud x 285 pcd	1850mm	12.0T
852300	420mmx180mm 'S' cam	10 Stud 335 pcd	1850mm	12.0T
<b>DISC BRAKE AXLE - TN WHEEL BEARINGS - HM218248/218210 &amp; HM212049/212011</b>				
853100	377mm Diameter / Pan-19	5 Spoke Spider	1850mm	12.0T
853200	377mm Diameter / Pan-19	10 Stud x 285 pcd	1850mm	12.0T
853300	377mm Diameter / Pan-19	10 Stud x 335 pcd	1850mm	12.0T
853400	377mm Diameter / Pan-19	8 Stud x 275 pcd	1850mm	12.0T
<b>DISC BRAKE AXLE - TN WHEEL BEARINGS - HM218248/218210 &amp; HM212049/212011</b>				
855200	430mm Diameter / Pan-22	10 Stud x 285 pcd	1850mm	16.0T
855250*	430mm Diameter / Pan-22	10 Stud x 285 pcd Alloy	1850mm	16.0T
855300	430mm Diameter / Pan-22	10 Stud x 335 pcd	1850mm	16.0T

\*NOTE: AXLES MARKED WITH ASTERISK ARE FITTED WITH CONMET ALLOY HUBS & PRESET BEARINGS

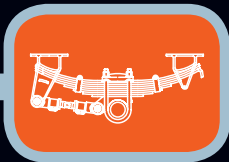
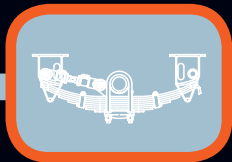
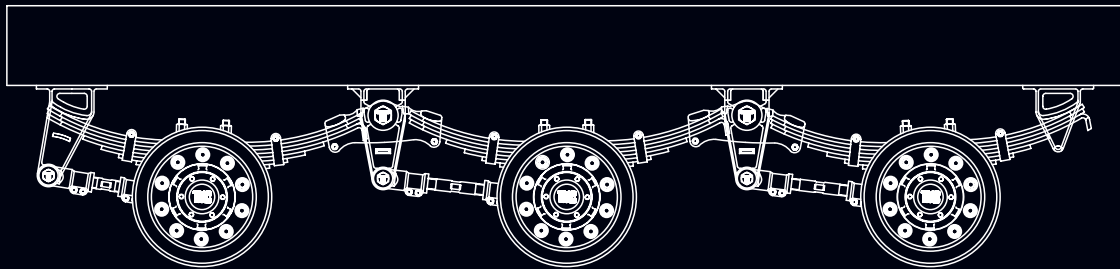
ADR / SARN APPROVALS: -  
 28815 = Drum Brake 420mm x 180mm 'S' cam / Rating 12.0 Tonne  
 35044 = Drum Brake 335mm x 210mm 'S' cam / Rating 11.5 Tonne  
 30314 = Disc Brake 377mm Rotor / Pan-19 / Rating 12.0 Tonne  
 35045 = Disc Brake 430mm Rotor / Pan-22 / Rating 16.0 Tonne



For extended warranty and lower life cycle cost, TMC's trailer axles – either drum or disc braked – can now be specified with alloy hubs and preset bearings, proven technology from ConMet USA.



**TRAILER AXLE SPECIFICATIONS**



## Features

The TMC Suspension is a low cost suspension proven under Australia's harsh conditions. It is simple in design to suit all types and makes of trailer.

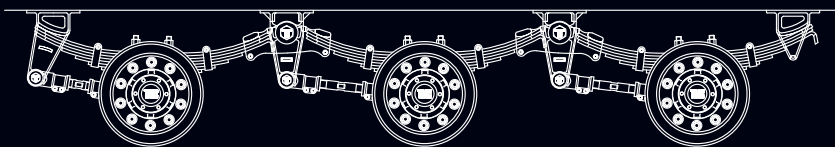
Tapered bushes for both the equaliser and torque arm assemblies enhance service life with minimal maintenance.

Brackets and equalisers are designed to eliminate localised stress. Brackets are short in depth to minimise torsional stress during turning and braking. The brackets are made of cast steel using investment castings for a more homogeneous product with a high quality finish.

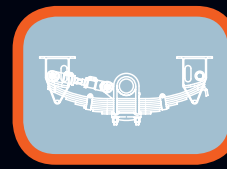
Standard parts are used throughout allowing maximum interchangeability between models and with other industry standard components.

## Options

- Ride Heights 200mm, 385mm, 420mm
- Shock Absorbers
- 8, 9, or 10 Leaf Springs
- Poly Bushes
- Front Draw Bar Hangers
- Round or Square Spring Seats



# MECHANICAL SUSPENSION

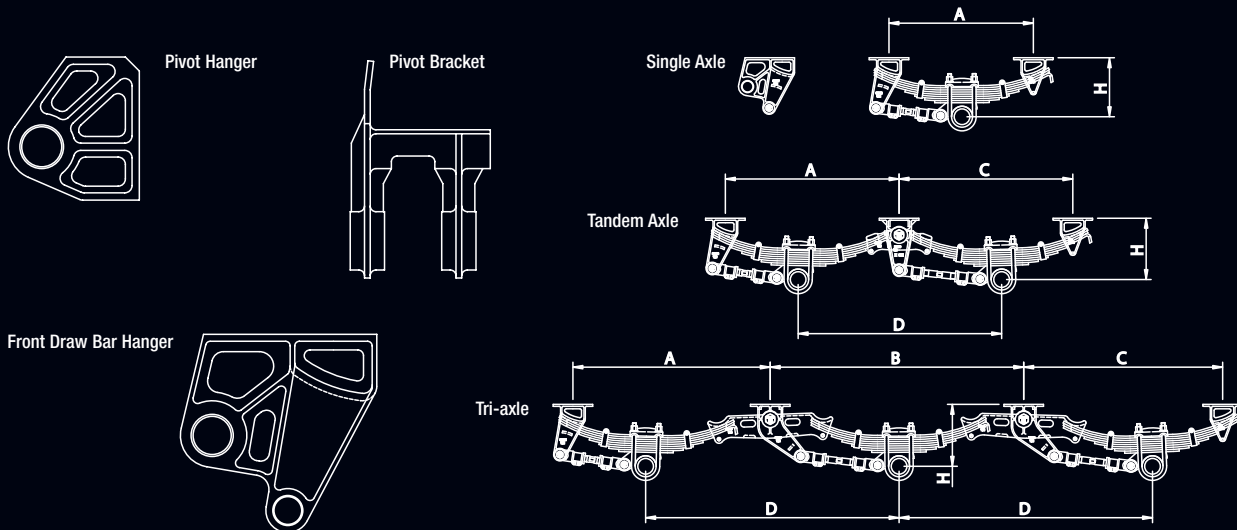


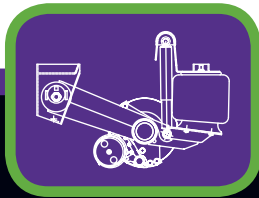
**TMC Suspension Specifications - Overslung:**

Model	Spring	Axle Centres D	Dim			Unladen Height		Capacity
			A	B	C	Low	High	
Single Axle	8 leaf		876			360	410	9 tonne
	9 leaf		876			371	425	10 tonne
Tandem	8 leaf	1232	1054		1054	372	425	18 tonne
	9 leaf	1232	1054		1054	385	439	20 tonne
	8 leaf	1384	1130		1130	373	425	18 tonne
	9 leaf	1384	1130		1130	384	437	20 tonne
	8 leaf	1538	1197		1207	370	423	18 tonne
	9 leaf	1538	1197		1207	384	436	20 tonne
Tri-axle	8 leaf	1232	1054	1232	1054	378	430	27 tonne
	9 leaf	1232	1054	1232	1054	391	444	30 tonne
	8 leaf	1384	1130	1384	1130	375	428	27 tonne
	9 leaf	1384	1130	1384	1130	388	441	30 tonne
	8 leaf	1538	1197	1538	1207	376	429	27 tonne
	9 leaf	1538	1197	1538	1207	390	442	30 tonne

**TMC Suspension Specifications - Underslung:**

Model	Spring	Axle Centres D	Dim			Unladen Height		Capacity
			A	B	C	Dim H		
Single Axle	8 leaf		930			199		9 tonne
	9 leaf		930			199		10 tonne
Tandem	8 leaf	1232	1086		1060	200		18 tonne
	9 leaf	1232	1086		1060	200		20 tonne
	8 leaf	1384	1162		1135	203		18 tonne
	9 leaf	1384	1162		1135	203		20 tonne
	8 leaf	1538	1235		1210	207		18 tonne
	9 leaf	1538	1235		1210	207		20 tonne
Tri-axle	8 leaf	1232	1086	1232	1060	206		27 tonne
	9 leaf	1232	1086	1232	1060	206		30 tonne
	8 leaf	1384	1162	1384	1135	203		27 tonne
	9 leaf	1384	1162	1384	1135	203		30 tonne
	8 leaf	1538	1235	1538	1210	212		27 tonne
	9 leaf	1538	1235	1538	1210	212		30 tonne



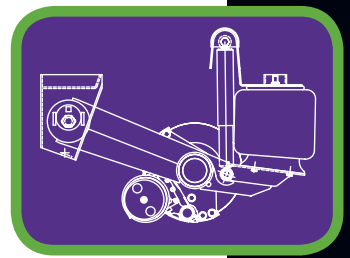


## DISC BRAKE AXLES

Developed here in Australia, TMC offer a cost effective air suspension & disc braked axle package specifically for Australian conditions. Supplied as a modular package for ease of fitment by the trailer manufacturer, it features a low maintenance suspension, airbag and shocker components common throughout the range (ride heights 200mm – 450mm) and Wabco PAN 19-1<sup>plus</sup> disc brake callipers for improved brake performance and longer life.

- Lower tare weight
- Disc foundation brake to suit 19.5" or 22.5" wheels
- Wabco Pan 19-1<sup>plus</sup> callipers incorporating light single piston construction, fully sealed sliding system & easy radial pad change
- Industry standard bearings and seals
- Cambered axles available
- Induction hardened bearing journals
- Suspension available in ride heights 200mm – 450mm
- Produced to suit Australian conditions for low maintenance and longer life

# DISC BRAKE AXLE



### Safety

- ADR approved 12 tonne rating
- Better brake performance
- Improved fade resistance
- Shorter stopping distances
- ABS/EBS compatible

### Reliability

- Sealed & maintenance free calliper assembly
- Life-time lubrication
- High quality anti-corrosion treatment
- Optimum lining wear characteristics
- Easy radial pad change



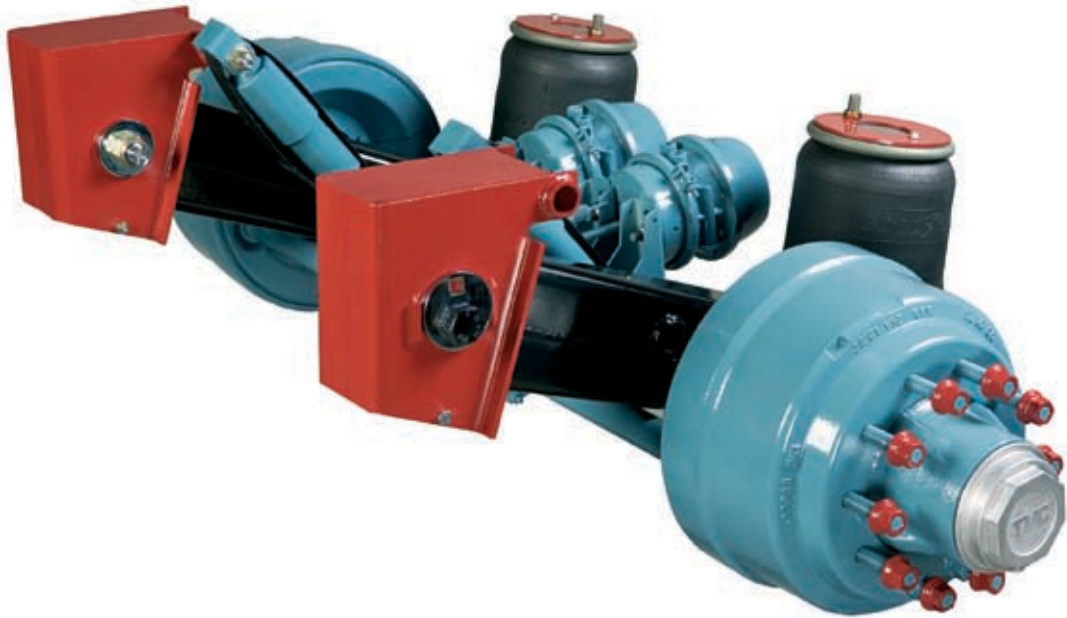
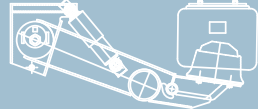
### Options

- Hubs: 10 stud 285 pcd  
10 stud 335 pcd  
8 stud 275 pcd
- ABS fitment
- Electrical wear indicator
- Full range of brake kits available

### Low maintenance

TMC disc braked axles deliver distinct cost benefits for the operator. The disc brake is self-adjusting for consistent braking and even component wear. When a pad change is required, this takes one third of the time taken for a brake re-line on conventional drum brakes.





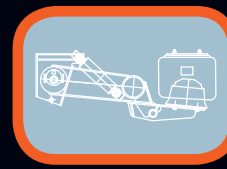
Tare weight from **135kg per module**

- Heavy duty shock absorbers
- Large capacity air springs with built in bump stops
- Easy to align, no welding after alignment
- No 'U' bolts
- Extra strong air spring support
- Available in ride heights from 210mm – 520mm

### LM Xp

TMC LM Xp Series Air Suspension has been designed for heavy duty operating conditions or where extra payload is required. Options available up to 14,000Kg per module. Following in the footsteps of the very successful "LM" family of Air Suspensions the Xp Series Suspension will return profit to the operator with extra payload and lower maintenance costs.

# LM Xp SERIES AIR SUSPENSION

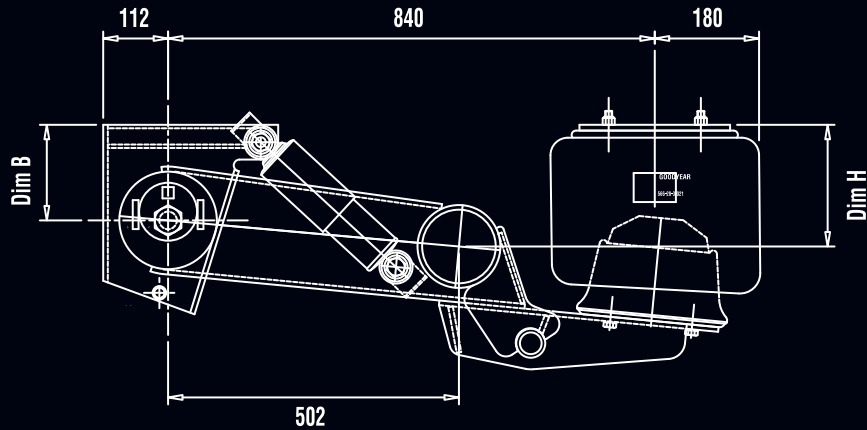


SUSPENSION RIDE HEIGHTS FROM 210MM – 310MM LOW MOUNT SUSPENSION			APPLICATION
MODEL	RIDE HEIGHTS Dim H	Dim B	Drum Brake / Disc Brake
LM664210	210mm	165mm	Yes / Yes
LM664260	260mm	215mm	Yes / Yes
LM664310	310mm	265mm	Yes / Yes
SUSPENSION RIDE HEIGHTS FROM 370mm – 520mm HIGH MOUNT SUSPENSION			
LM664370	370mm	165mm	Yes / Yes
LM664420	420mm	215mm	Yes / Yes
LM664470	470mm	265mm	Yes / Yes
LM664520	520mm	315mm	Yes / Yes

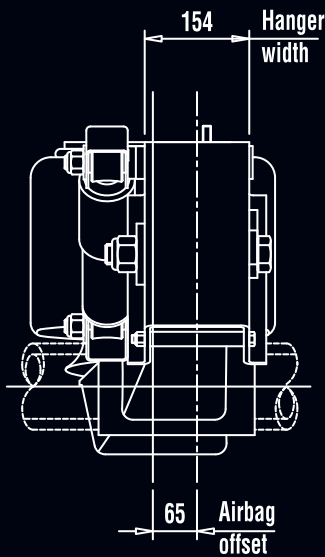
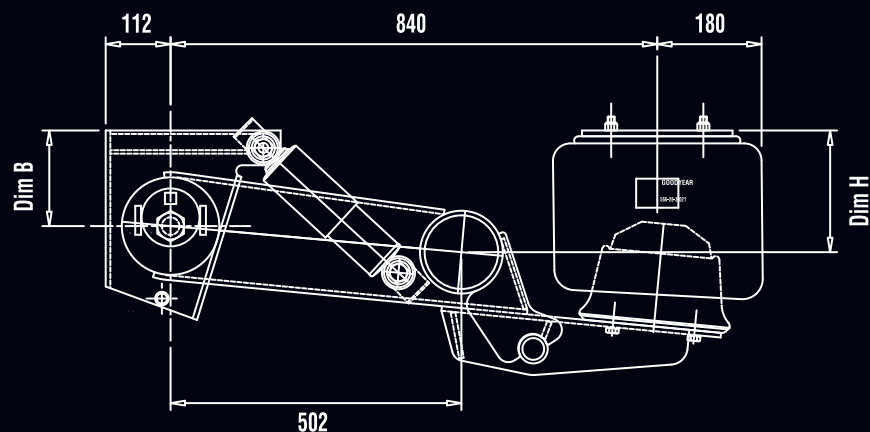
**OPTIONS**

- Axle lift 90mm lift standard
- Centre axle lift
- Full range of pneumatic kits
- Rear cam position on low mount
- Up to 14 tonne capacity

**LOW MOUNT SUSPENSION**



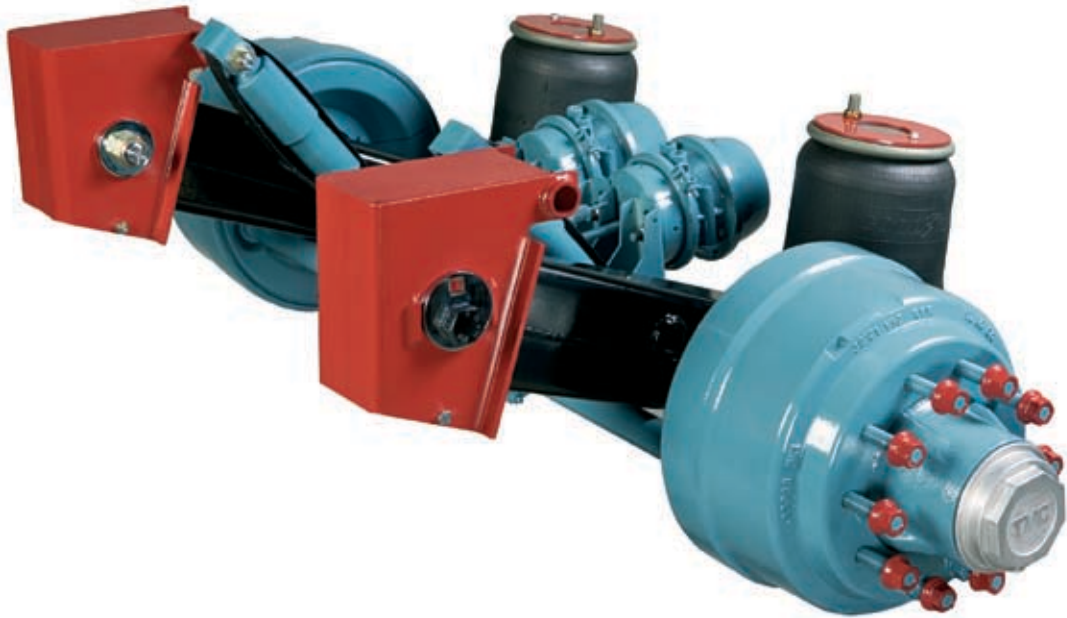
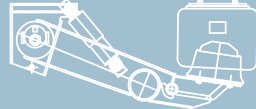
**HIGH MOUNT SUSPENSION**



**LM XP FRONT VIEW**

**LMXP SERIES SPECIFICATIONS**





Tare weight from **135kg per module**

- Heavy duty shock absorbers
- Large capacity air springs with built in bump stops
- Easy to align, no welding after alignment
- No 'U' bolts
- Extra strong air spring support
- Available in ride heights from 210mm – 520mm

### LM Xp

TMC LM Xp Series Air Suspension has been designed for heavy duty operating conditions or where extra payload is required. Options available up to 14,000Kg per module. Following in the footsteps of the very successful "LM" family of Air Suspensions the Xp Series Suspension will return profit to the operator with extra payload and lower maintenance costs.

# LM Xp SERIES AIR SUSPENSION

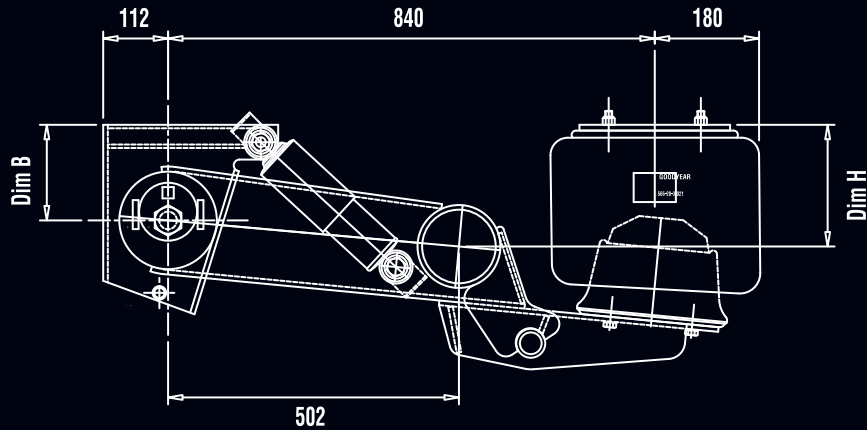


SUSPENSION RIDE HEIGHTS FROM 210MM – 310MM LOW MOUNT SUSPENSION			APPLICATION
MODEL	RIDE HEIGHTS Dim H	Dim B	Drum Brake / Disc Brake
LM664210	210mm	165mm	Yes / Yes
LM664260	260mm	215mm	Yes / Yes
LM664310	310mm	265mm	Yes / Yes
SUSPENSION RIDE HEIGHTS FROM 370mm – 520mm HIGH MOUNT SUSPENSION			
LM664370	370mm	165mm	Yes / Yes
LM664420	420mm	215mm	Yes / Yes
LM664470	470mm	265mm	Yes / Yes
LM664520	520mm	315mm	Yes / Yes

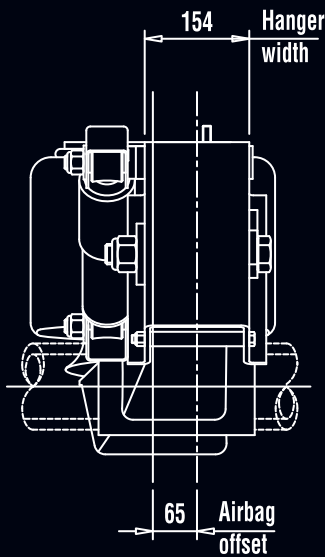
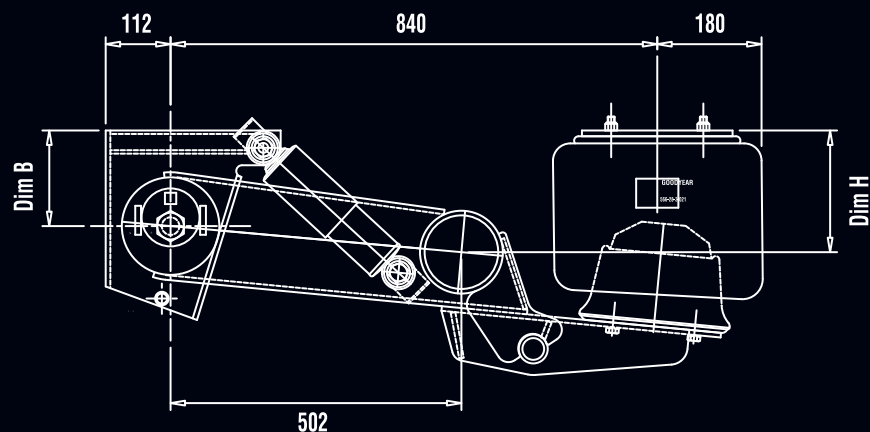
**OPTIONS**

- Axle lift 90mm lift standard
- Centre axle lift
- Full range of pneumatic kits
- Rear cam position on low mount
- Up to 14 tonne capacity

**LOW MOUNT SUSPENSION**

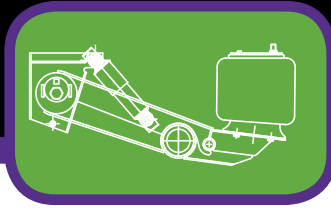
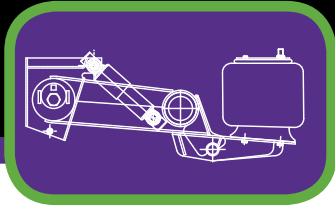


**HIGH MOUNT SUSPENSION**



**LM XP FRONT VIEW**

**LMXP SERIES SPECIFICATIONS**



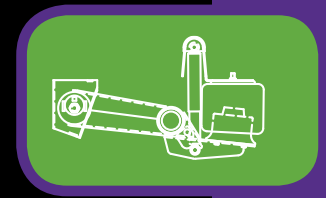
Tare weight from **135kg per module**

- ✓ 3 years structural warranty
- ✓ Versatile shocker mount system
- ✓ Heavy duty shock absorbers
- ✓ Easy to align, no welding after alignment
- ✓ No 'U' bolts
- ✓ Extra strong air spring support
- ✓ Available in ride heights from 170mm – 500mm

## LM ✓ Series

TMC LM ✓ Series range of Air Suspensions have been designed for all Australian operating conditions. New ✓ versatile shocker mounting system makes fitment a breeze. TMC LM ✓ Series will deliver you increased profits through long life components resulting in lower maintenance costs. This suspension has the ✓ VERSATILITY to accommodate those clients with a preference for vertically mounted shockers.

# LM ✓ SERIES AIR SUSPENSION



**SUSPENSION RIDE HEIGHTS FROM 170MM – 290MM LOW MOUNT SUSPENSION**

**APPLICATION**

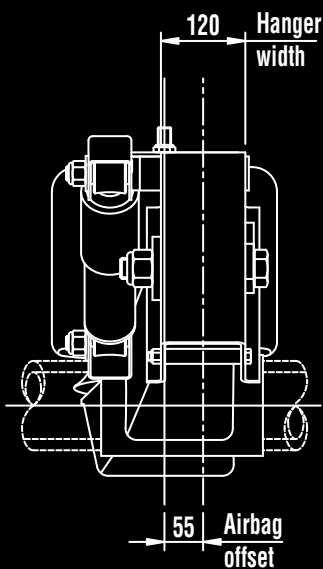
MODEL	RIDE HEIGHTS Dim H	Dim B	Drum Brake / Disc Brake
LM650170	170mm	135mm	Yes / Yes
LM654200	200mm	175mm	Yes / Yes
LM654250	250mm	215mm	Yes / Yes
LM654290	290mm	255mm	Yes / Yes

**SUSPENSION RIDE HEIGHTS FROM 330mm – 500mm HIGH MOUNT SUSPENSION**

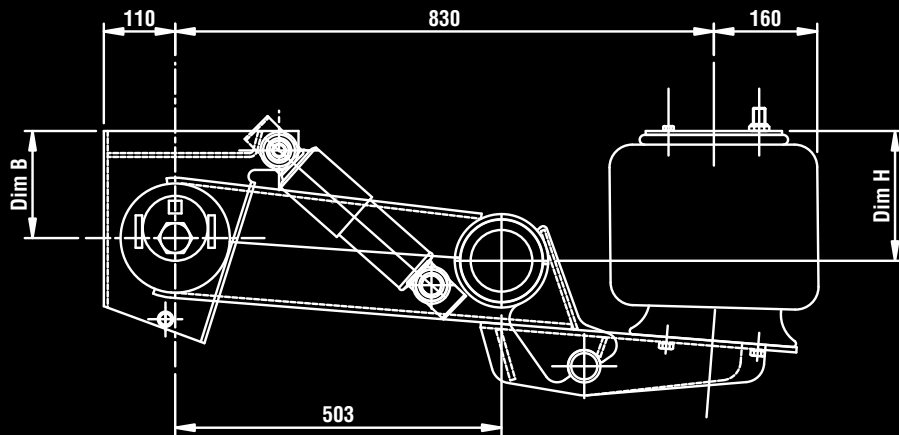
LM654330	330mm	135mm	Yes / Yes
LM654360	360mm	175mm	Yes / Yes
LM654410	410mm	215mm	Yes / Yes
LM654450	450mm	255mm	Yes / Yes
LM654500	500mm	305mm	Yes / Yes

**Options**

- Axle lift 90mm lift standard
- Centre axle lift
- Full range of pneumatic kits
- Rear cam position on low mount
- 10 tonne capacity standard



**LOW MOUNT SUSPENSION**



**HIGH MOUNT SUSPENSION**

