

# THE MAN TGL AND TGM.

TRUCKING REDEFINED



# MAN IS TRUCKING REDEFINED.

To operate successfully in the Australian transport industry, you need to take your performance up a gear and put the brakes on costs. MAN trucks are designed to do just this. Boasting excellent driver fit, and great efficiency and economy features, MAN's truck generation optimises uptime and makes for a strong business partner.

When it comes to **excellent driver fit**, the streamlined and modern MAN workspace sets a new benchmark. Our intuitive dash layout and luxurious rest and sleep area make for the perfect work environment. And when combined with MAN's innovative driver assistance features, your driver won't want to leave the cabin.

Delivering **great efficiency and economy**, your MAN will take you further with less. Economical engines and improved aerodynamics, along with other efficiency-enhancing innovations, yield remarkable fuel savings that result in increased profits for your business.

This is further complemented by our highly reliable and fully integrated technology and design philosophy which delivers **optimised uptime** and tangible gains for you. Extended oil drain intervals mean less time off the road, and our expansive national dealer network minimises downtime for your business and maximises support.

All of this is underpinned by MAN's comprehensive 24/7 roadside assist program, customised repair and maintenance packages, generous warranties, and our powerful enterprise grade telematics solution, MAN Opti-Connect. MAN is your business' **strong partner**.





Find out more: [🌐 man.com.au](https://www.man.com.au) [f mantruckandbusanz](https://www.facebook.com/mantruckandbusanz) [@ mantruckandbusanz](https://www.instagram.com/mantruckandbusanz)

# ERGONOMICS START WITH THE VERY FIRST STEP.

The highly-ergonomic entry design of the MAN TGL and TGM ranges ensures a pleasant start to the day. As the entrance into the cabin is positioned in the middle of the door, the driver can enter the vehicle in an upright position. And the access ladder is designed as a staircase so that the driver has all steps in view. Bright entry lighting ensures the steps and surrounding areas are visible anytime and in any weather.

We didn't forget the little things either; an entrance optimised especially for off-road work features steps with a non-slip surface and a lattice structure, washable interior door panelling, and a compressed air supply, so that sand, mud, and gravel can be swept outside.

Additionally, we developed the MAN EasyControl system specifically so the driver can avoid getting in and out when they don't have to. Four controls are located on the inside of the driver's door that can be easily accessed from outside the vehicle. Depending on your configuration, they come pre-programmed with key functions or can be programmed according to your individual needs.

With various driver's seats to choose from, each seat is ready to welcome your particular build. There is a larger range of backrest adjustment options for drivers of all sizes. The passenger seat also features a highly-ergonomic design and its own range of individual adjustment possibilities.

Even the steering wheel has been given greater flexibility. In the resting position, the steering wheel can be tilted forward to a horizontal position. And when in action, it can be adjusted to an angle as steep as that of the average passenger car.

The result is a workplace that bends over not only backwards, but forwards and sideways, to suit. So the driver doesn't have to.

**MAN EasyControl:  
four control buttons reachable  
from outside the vehicle  
for maximum comfort.**





# **DRIVER-CENTRIC, ERGONOMIC CABIN**

**Dashboard with a  
colour display**

**Media system  
with a colour display**

**Multi-function  
steering wheel**

**Infotainment controls  
optimised for trucks**

# TOP-CLASS DRIVER'S CAB.

The driver's cab is the heart of the MAN TGL and TGM. Offered in the 'moon grey' colour scheme, we've reimagined the cab from floor to ceiling because comfort in the cab means easier workflow and faster completion of your transport jobs.

Ideal conditions result in higher driver motivation, and that translates to an investment that pays daily returns. The completely new controls of the MAN TipMatic automatic gear shift system situated directly on the steering column stalk is just one example.

And a host of clever storage areas and compartments make great use of the additional room. The overhead lockers above the windscreen are particularly practical.

Depending on the cab option, various storage boxes, compartments, and an in-set or pull-out fridge are also available. As a result, the cab is always perfectly geared towards drivers' differing needs.

One feature is an absolute first: the trailblazing MAN SmartSelect system, which was developed with customers. Comfort was also a key factor in eliminating the touchscreen.

With MAN SmartSelect, functions such as maps, music, cameras, and more, can be selected via a user-friendly dial with a hand rest. There's so much more to discover in our new cabs, so get in, get comfortable and enjoy all the new possibilities.



Innovative MAN SmartSelect (TN cab)

**The TGL and TGM ranges offer exactly the support drivers and fleets need. Our safety and assistance systems assist with the prevention or mitigation of accidents, which often lead to expensive damage and costly lost productivity. Find out more in our SAFETY AND ASSISTANCE SYSTEMS section.**

# EVERYTHING IN ORDER.

Traffic conditions on the road are becoming ever more demanding and complex. And when off-road, you're always facing new challenges that call for a driver's full concentration. And that is why MAN has made the cabin even more driver-friendly and as organised as possible.

Displays and controls are separate from one another spatially. Reading distances and reachability have been ergonomically optimised. Data is displayed at a farther distance making it easier to grasp. And functions are colour-coded, and buttons and switches are within easy reach.

This allows the driver's focus to quickly go between the road and the instruments without distraction. Just another way MAN contributes to making drivers' lives less complicated and less tiring.

Media system controls and MAN SmartSelect are also very intuitive to use with displays and controls inspired by a single concept. Symbols, colours, usage, alert and warning sounds, as well as design, are consistent throughout the cabin. Quick-selection keys are individually programmable and accelerate workflows, and alerts and voice command are available in different languages.

The infotainment system can be operated either via a classic control system with buttons or via MAN SmartSelect.

After all, the controls – and especially the cutting-edge digital components – were developed by drivers for drivers. This allows the driver to focus on the truly important things: the freight and the operation of the truck.

**Theory X experience:  
the controls for the MAN TGL and TGM are  
the result of combining the latest scientific  
analyses with insights from intensive  
on-road tests with drivers.**

Freely programmable direct access  
buttons fitted with touch sensors





Displays placed at  
ideal reading height  
and distance

Controls within  
perfect reach



# WITH **MAN** YOU CAN TAKE A LOAD OFF.

At the end of a long day's work, everyone needs a rest. A pleasant atmosphere. A cosy environment. And that's exactly what you'll find when you step into the sleeping area of the MAN TGL and TGM.

In the TGL and TGM cabs, a multi-zone cold-foam mattress ensures comfort for well-deserved shuteye and peaceful dreams. The accompanying seven-zone slatted base has an adjustable headrest, enabling a range of ergonomic lying positions. This allows the driver to also use the bed as a sofa for reading or watching television.

Important functions can also be operated from the sleeping area using a special control panel located in the rest area. Lights, door locks, heating, and windows can all be controlled without getting out of bed.

While on the road, the air-conditioning system automatically maintains the selected temperature. Comfortable temperature zones in the cab are assured, including the foot area and the head area, which are controlled separately. Perfect for keeping your head cool but your toes toasty.

To create the perfect environment, the TGL and TGM cabin interiors have been tailored to suit almost any Australian application – from metro and regional distribution to construction and essential services segments.



# MAN PUTS SAFETY FIRST, EVERY TIME.

MAN has the right cab for every need. Maximum safety, comfort, and ergonomics travel with you wherever you go. Our cabs are designed for fatigue-free, focussed driving, relaxing breaks, and maximum passenger protection.

All of our cabs offer optimum safety thanks to a range of features, including the mirror system comprising main, wide-angle, large kerb, and front mirrors.

The blind spot has practically been eliminated. The heated windscreen (optional) ensures an unobstructed view even at the coldest times of the year.





# GUARDIAN ANGEL INCLUDED.

Our innovative safety features protect drivers and other road users, while mitigating the likelihood of vehicle damage.

With integrated safety systems, including a reinforced cab and safety cell, active roll stabilisation, emergency braking system, turning, lane change, and lane return assistance, and much more, you can count on your MAN being one step ahead on the road.

And with features such as a seat belt tensioner, your MAN will reduce the risk or seriousness of potential injury in the event of an accident.

Working with drivers to increase productivity, your MAN will assist in decreasing fatigue and maximising concentration and energy levels.

# THE MAN SAFETY AND ASSISTANCE SYSTEMS.

## Innovation in safety

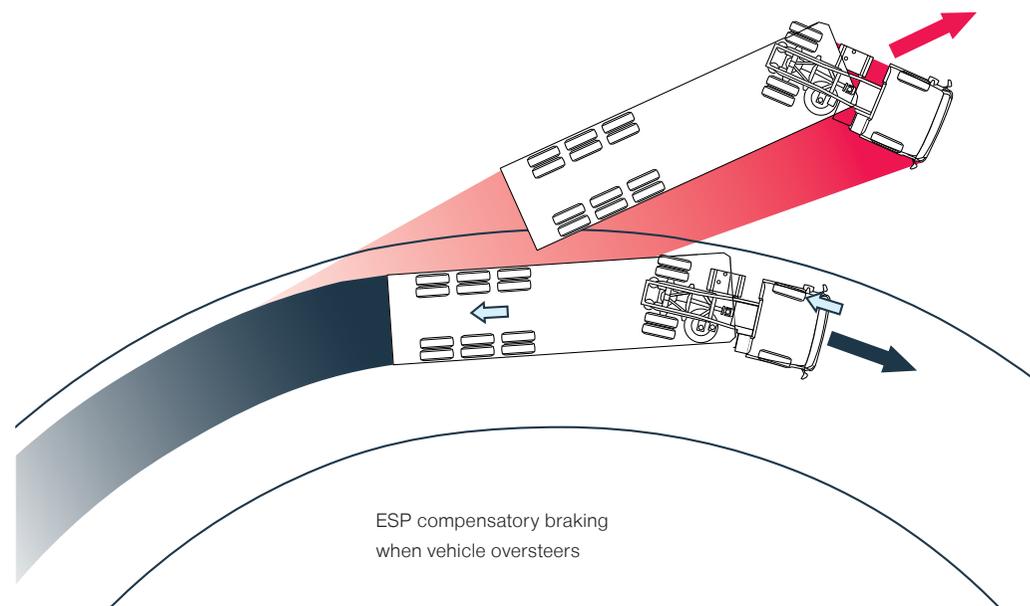
MAN is world-renowned for its commitment to innovation in safety. You can rest assured that your decision to purchase an MAN is not only a safe choice for your business and its bottom line, but a great choice for driver safety. Comprising the latest active and passive safety systems, MAN's on-highway truck generation includes a comprehensive range of features including:

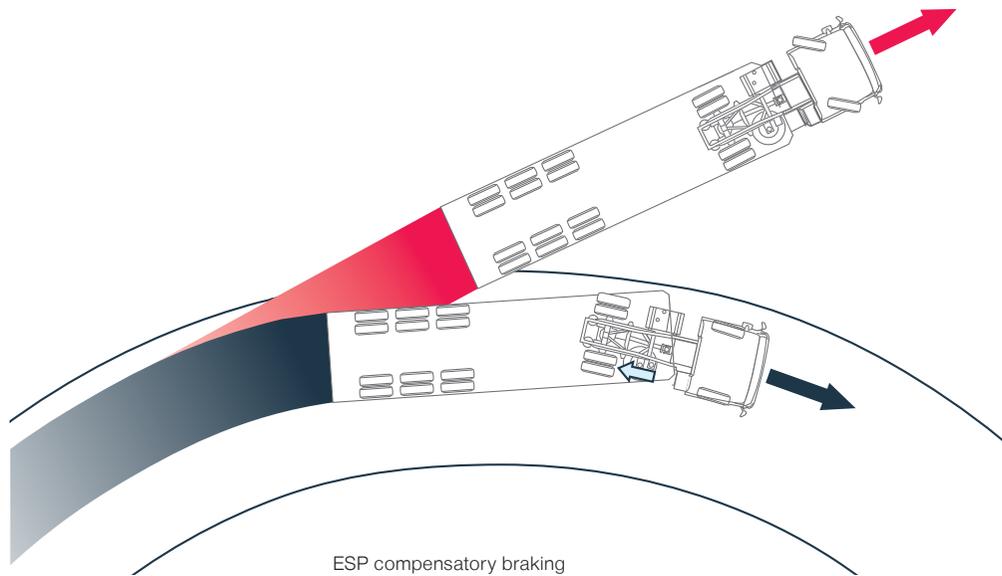
## ECE-R 29-3 compliance

MAN's body-in-white structure, which has been reinforced with high-strength materials, and roof comply with the safety requirements of ECE-R 29-3, ensuring cabin occupants are kept safe. Frontal and lateral impact were taken into account during design, as well as the stability of the roof, with particular attention paid to the crucial A-pillars. The reinforced door structure also allows doors to be opened after a collision, further increases occupant safety.

## Rearward moving cab

In the unlikely case of a collision, MAN's impact-absorbing deformable cab mounts allow the cab to move rearward along the chassis, up to 750 mm, absorbing energy and moving occupants away from the impact.





ESP compensatory braking  
when vehicle understeers

### Exhaust valve brake (EVB) system

MAN's sophisticated exhaust valve brake (EVB) system increases the engine's braking power significantly. The optimised EVB system achieves improved braking performance by reducing exhaust gas flow during the discharge cycle or limiting the expansion effort by targeted decompression. The D08 SCR-only engine develops 229 hp (170 kW) of engine braking.

### Electronic stability program (ESP)

ESP sensors constantly monitor driving dynamics. If there is a risk of imminent skidding or tipping over, braking is applied to the separate wheels accordingly and, where necessary, the engine torque is reduced. ESP stabilises the vehicle and keeps it safely in its lane. MAN offers ESP for vehicles with leading or trailing axles or multiple tractors.

### MAN's BrakeMatic system with automatic braking system (ABS) and anti-slip regulator (ASR)

MAN's electronic BrakeMatic brake management system coordinates the functions of the electronic brake system (EBS) service brake and the engine brake or EVB rocker arm brake (depending on the equipment) with one another. The following functions are available:

- Priority activation of continuous brake before the service brake.
- During free travel of the brake pedal, either the engine brake or the EVB rocker arm brake (depending on the equipment) is initiated before the service brake.
- The service brake is not yet active in this range.

### Brake assistant

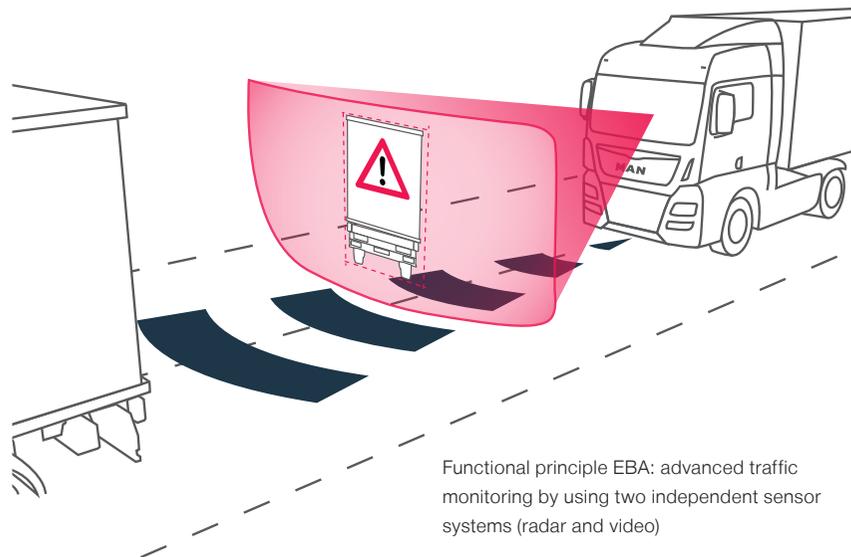
The brake assistant registers speed and pressure when the brake pedal is operated and optimises the applied brake pressure through to full brake force. It also recognises an emergency stop when initiated and immediately develops the largest possible brake pressure.

### Emergency brake assist (EBA)

MAN's anticipatory emergency brake assist gives drivers advance warning of impending collisions, providing valuable time to react. Automatically initiating braking in an emergency, EBA features an advanced traffic monitoring system by using two independent sensor systems (radar and video) to detect a potential collision more quickly and to issue a warning signal earlier.

### EasyStart

With MAN's TipMatic EasyStart feature, difficulties with hill starts are a thing of the past. Assisting with moving-off on slopes, brake pressure is maintained for one second when the brake pedal is released, allowing the driver time to accelerate and the vehicle to move off without jolting, in low gear, and without rolling back.



### Lane guard system (LGS)

The electronic lane guard system constantly monitors the vehicle's position within its lane. If the driver strays from their lane without activating the indicator, an acoustic warning will sound. Depending on the direction in which the driver has strayed, the loudspeaker on the left- or right-hand side sounds a rumble strip noise, again warning the driver.

### Emergency stopping signal (ESS)

MAN's emergency stopping signal warns traffic behind of emergency braking by activating the hazard lights. The hazard lights flash faster to alert traffic behind to the emergency. Once the vehicle is stationary, the hazard lights are automatically activated to prevent rear-end collisions.

### Tempomat (cruise control, CC)

The Tempomat (cruise control, CC) maintains any desired speed between 15 km/h and the maximum speed that can be set using the multifunction steering wheel. Neither the accelerator nor the brake pedal need to be pressed during this process. The cruise control makes it easier for the driver to concentrate on what is happening on the road.

### LED rear lights

LED design removes the risk present with lightbulbs burning out, thus compromising safety and increasing maintenance costs. LEDs also have a longer service life and lower energy consumption than conventional lightbulbs.



**MAN ENSURES  
PERFORMANCE  
GOES UP ...**

**... AND  
CONSUMPTION  
COMES DOWN.**



\*European image



# PACKED WITH INNOVATIONS.

In deployments that require space for a whole crew, the TGL and TGM ranges are in a class of their own. Equipped with a comfortable row of four rear seats featuring three-point seat belts and an optional second passenger seat, up to seven people can be accommodated – as well as maximum convenience and functionality.



Second passenger seat for the MAN crew cab

Our crew cabs are not just a practical option. Elegantly designed in the same style as the rest of MAN's truck generation, our crew cabs have aerodynamically-optimised features that minimise fuel consumption and improve cost effectiveness.



# HIGH PERFORMERS.

MAN offers the well-proven D08 engine for the TGL and TGM ranges. The high performing D08 brings efficiency and trusted reliability to make your truck a strong and cost-transparent member of your business. In particular, with selective catalytic reduction and optimised thermal management, all D08 engines are ideally prepared for stricter emissions limits.

Strong on performance and light on emissions? With the D08, MAN proves you can have it all.

## Exhaust valve brake

MAN's sophisticated exhaust valve brake (EVB) system increases the engine's braking power significantly. The optimised EVB system achieves improved braking performance by reducing exhaust gas flow during the discharge cycle or limiting the expansion effort by targeted decompression. EVB achieves 229 hp on MAN's D08 engine.

## MAN TipMatic gearbox

Taking it to the next level, MAN's TipMatic gearbox delivers uncompromised efficiency. Fully redeveloped controls of the TipMatic gear shift system are now located in the right-hand steering column stalk, allowing for optimal positioning relative to gear controls and the ignition.

Gearbox modes:

- SmartShifting: a further evolution of the well-known 'Speedshifting' program it minimises traction interruptions when changing gear while travelling uphill with the upshift assistance function, for instance, and ensures fuel-efficient, low-wear vehicle operation.
- Idle speed driving: enables comfortable moving off and driving at idling speed. This feature allows the driver to manoeuvre the truck with precision and sensitivity or 'just go with the flow' in slow-moving traffic on the freeway.
- EfficientRoll: ideal for driving on freeways and country roads with slight downhill gradients. The gearbox is shifted quickly into neutral and lets the truck roll without the engine braking effect being impacted.
- Manoeuvre driving: specifically adapted for manoeuvring procedures and very slow driving on level ground. The gearshift strategy is designed for smooth clutch engagement and controlled application of torque. This allows for comfortable and safe approach towards loading ramps, trailers, and semitrailers at precision-controlled low speeds.

This is all further supported by MAN Opti-Connect, our powerful enterprise-grade telematics solution.

# RELIABILITY YOU CAN COUNT ON.

This news bears repeating: German Technical Inspection Agency, TÜV's report on utility vehicles has again confirmed that MAN trucks offer impressively high quality. In particular, when it comes to long-term reliability, our fleet of four- and five-year-old trucks occupied the top spots. Our reliability rests on many components.

The first is our continuously growing range of assistance systems that foresee tricky situations and then help to avoid them entirely. Another is our dedication to the little things. For instance, when it comes to the electricity supply of the TGL and TGM ranges, we pride ourselves on laying not one wire more than your configuration needs. The wires themselves are now protected by even more flexible and elastic materials, and the number of joints has been reduced.

We also reduced the wire thickness overall, which means less weight and more available load capacity. The new modular wiring concept offers additional advantages by allowing customer requests to be easily actioned thanks to prefab sets. Together, the result is a shorter downtime and a vehicle electrical system with higher performance overall.

# MAN 24/7 ROADSIDE ASSIST.

In the event of a mechanical breakdown or if you require any roadside assistance, Penske Australia offers a free 24-hour roadside assistance service while your truck is under warranty.

Our comprehensive roadside assistance service will have you back on the road or back to an authorised MAN dealer/repairer as quickly and as safely as possible.

There are a number of reasons why an MAN owner's journey could be interrupted, including:

- Emergency mechanical breakdown
- Running out of diesel fuel
- Tyre / wheel changing
- Flat battery
- Locked out or lost keys
- Glass repair services

Whatever the reason, it is reassuring to know that 24/7 MAN Roadside Assist is only a phone call away.



# REPAIR & MAINTENANCE PACKAGES:

Repair and maintenance (R&M) packages assist with financial planning in various ways including:

- Lower maintenance costs due to discounted parts and labour pricing.
- Optimal fuel consumption through correct tuning of vehicle.
- Reduced staff and administration costs.
- Minimised time off the road.
- Higher resale value of vehicles.

MAN offers three key R&M packages:

- **Comfort:** covers all work as part of regular servicing as prescribed by MAN.
- **Comfort Plus:** In addition to the services offered in the Comfort contract, Comfort Plus includes an extended warranty package.
- **Comfort Repair:** Covers all the services offered in the Comfort Plus contract plus all normal wear and tear repairs.



# MAN OPTI-CONNECT

MAN Opti-Connect is a powerful enterprise-grade telematics solution from our partner, Microlise. MAN Opti-Connect is designed to support improved levels of fleet efficiency and safety and reduce environmental impact.

The solution has been fine-tuned through millions of hours in service, and combines powerful telematics technology with driver performance tools, to increase fleet utilisation and improve safety outcomes across your organisation.

MAN Opti-Connect:

- Improves driver standards
- Maximises fleet utilisation through real-time visibility
- Improves safety
- Reduces admin
- Reduces emissions through analysis of data and trends
- Monitors vehicle location

With MAN Opti-Connect, you'll be fully informed with the touch of a button.





TGM 18.320

**MAN**

MAN



# TECHNOLOGY BACKED BY A WHOLE LOAD OF EXPERIENCE.

With an advanced engineering history that spans over 250 years in Europe, 105 of those years have been spent producing superior commercial vehicles. During this success story, MAN has developed new solutions for our clients. Over the years, MAN has never lost touch with delivering uncompromising reliability, knowledge of what really matters to transport operators, and a passion for trucks which drives MAN to keep improving again and again.

Conditions on the roads are constantly changing – and so too the needs of the people who cover many a kilometre on them every day. Committed exclusively to the production of commercial vehicles, MAN understands the challenges that the ever-increasing volumes of transport and traffic bring. And because MAN loves technology, it's always working on new game-changing ideas. That is what makes MAN a visionary and strong partner at your side.



# BUILT TO TAKE **YOU** THERE.

Outstanding body compatibility, a tidy frame, a high load capacity, and superior handling: the MAN medium-duty range meets even the highest expectations down to the tiniest detail.

In addition to the standard height version, a higher ground clearance version is available for construction and essential services segments. The sturdy, rigid frame made from high-tensile, fine-grained steel ensures ideal body compatibility.

A free frame upper edge, a cleverly designed pattern of mounting holes, and many sector-specific fittings make connecting the body and – if necessary – subsequently moving components as easy as possible.

The MAN medium-duty generation also offers additional electronic interfaces for sharing data with the body. In addition to the interface behind the front flap, it is now possible to position one behind the cab. With four air

bellows set well apart from one another, optimum safety on the road and maximum comfort are ensured. For bodies with a high centre of gravity, continuous damping control (CDC) offers outstanding driving stability.

What's more, by working with Penske Australia's authorised dealer network and MAN's bodybuilder guidelines, you'll have complete flexibility to build a chassis that is perfect for your application.

# FANTASTIC OPTIONS.

<b>CONFIGURATIONS</b>	4x2, 6x2*, 6x4
<b>HP</b>	250 hp, 290 hp, 320 hp
<b>GVM</b>	13 t, 15 t, 18 t, 23 t, 26 t
<b>ENGINE</b>	D08



**CAB TN:  
THE FLEXIBLE ONE**  
(narrow, long,  
standard height)

**CAB CC:  
THE COMPACT ONE**  
(narrow, short,  
standard height)

**CAB DN:  
THE CREW CAB**  
(narrow, extra long,  
normal height)

<b>W × L (mm)</b>	2,440 × 2,280	2,240 × 1,620	2,240 × 2,790
<b>SLEEPING FACILITIES</b>	1	–	–
<b>SEGMENT</b>	Local and distribution transport	Local and distribution transport, and tipper	Construction transport, tilt tray, and municipal services
<b>BENEFITS AT A GLANCE</b>	<ul style="list-style-type: none"> <li>▪ Roomy sleeping space</li> <li>▪ Spacious exterior storage compartment</li> <li>▪ Expanded standing space</li> </ul>	<ul style="list-style-type: none"> <li>▪ Comfortable height</li> <li>▪ Third seat possible</li> <li>▪ Additional storage space in midsection</li> </ul>	<ul style="list-style-type: none"> <li>▪ 6 (option for 7) seats</li> <li>▪ Comfortable height</li> </ul>

\*TGM 6x2 forthcoming



# RELY ON PENSKE.

Penske Australia & New Zealand is the exclusive importer and distributor of Western Star Trucks, MAN Truck & Bus, and Dennis Eagle across Australia and New Zealand.

Penske Australia & New Zealand is a subsidiary of Penske Automotive Group (PAG), a diversified international transportation services company and one of the world's premier automotive and commercial truck retailers. PAG operates dealerships principally in the United States, the United Kingdom, Canada, Germany, Italy, and Japan, and employs more than 23,000 people globally.

With a network over 60 company-owned and independent dealers across Australia and New Zealand, Penske Australia & New Zealand provides full authorised parts, service and warranty functions.

No matter where your job takes you, there will be an MAN dealer nearby ready to help.



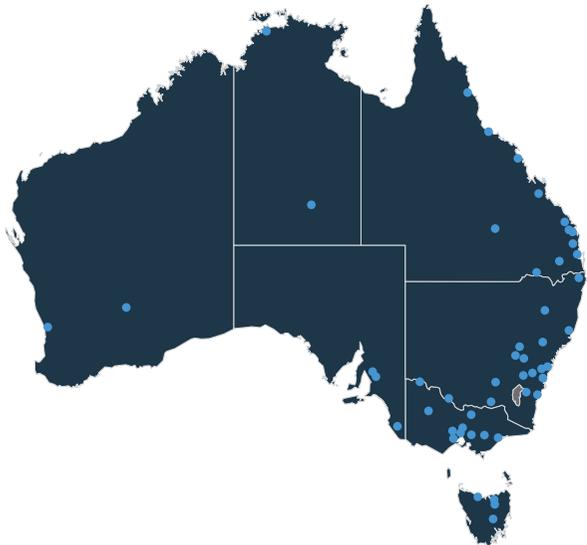
# PENSKE DISTRIBUTION CENTRE.

In addition to our extensive network of dealers across Australia and New Zealand, customers are also fully supported by our Penske Distribution Centre (PDC).

Located in Wacol, QLD, our state-of-the-art PDC comprises a total floor area of 20,000 sq metres and has an inventory of over 1.3 million parts.

Our efficient picking and packing processes ensure we are able to meet high levels of performance and effectiveness, achieving an on-time dispatch of 99.9% and an accuracy rate of 99.9%.

From our operations through to the trucks you drive, we are committed to you.



## **Penske Australia**

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07 3271 2720 (parts/service)

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