



# TGM 18.320 4x4 BB CH SPREADER



## CAB

|  | CC: NARROW, SHORT,<br>NORMAL HEIGHT |
|--|-------------------------------------|
| EXTERNAL LENGTH                                  | 1,620mm                             |
| EXTERNAL WIDTH                                   | 2,240mm                             |
| INTERIOR LENGTH                                  | 1,550mm                             |
| INTERIOR WIDTH                                   | 2,070mm                             |
| ENGINE TUNNEL HEIGHT                             | 260mm                               |
| STANDING HEIGHT ON THE ENGINE TUNNEL             | 1,280mm                             |
| SEATS QUANTITY                                   | 2 (optionally 3)                    |
| STANDING HEIGHT IN FRONT OF THE CO-DRIVER'S SEAT | 1,585mm                             |
| BUNK QUANTITY                                    | N/A                                 |
| BUNK WIDTH                                       | N/A                                 |
| BUNK LENGTH                                      | N/A                                 |



## CAB EXTERIOR

|  | CC |
|--|----|
| CAB PAINT RAL 9016                                       | ✓  |
| BUMPER PAINT - TEXTURED COATING                          | ✓  |
| CABIN TILT MECHANISM - MANUAL                            | ✓  |
| STEEL BUMPER   | ✓  |
| WIDE/FINE MESH HEADLIGHT PROTECTORS                      | ✓  |
| TILTING ROOF MECHANICAL                                  | ✓  |
| SUNVISOR   | ✓  |
| CENTRAL LOCKING WITH REMOTE CONTROL                      | ✓  |
| WIPER ACTIVATION, MANUAL                                 | ✓  |
| FRONT HEADLIGHTS, H7                                     | ✓  |
| DAYTIME DRIVING LIGHTS, LED                              | ✓  |
| DRIVING LIGHT CONTROL, MANUAL                            | ✓  |
| HORN, SINGLE-TONE, ELECTRICAL                            | ✓  |
| EXTERIOR REAR VIEW MIRROR, ELECTRIC,<br>MAIN AND SPOTTER | ✓  |
| KERB MIRROR LEFT, ELECTRIC                               | ✓  |
| FRONT MIRROR, MECHANICAL                                 | ✓  |

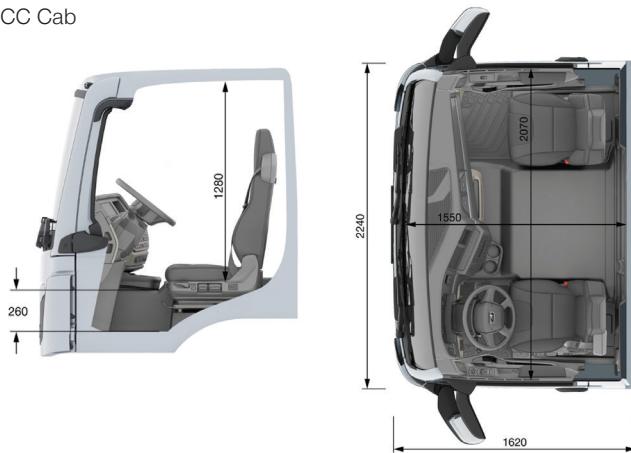
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## CAB INTERIOR

|  | CC |
|--|----|
| MULTI-FUNCTION STEERING WHEEL, ADJUSTABLE HEIGHT AND ANGLE                     | ✓  |
| STEERING WHEEL, WITH PARKING POSITION  | ✓  |
| STEERING LOCK, WITH ELECTRONIC IMMOBILISER                                     | ✓  |
| COMFORT DRIVER'S SEAT, AIR-SPRUNG, WITH LUMBAR SUPPORT AND SHOULDER ADJUSTMENT | ✓  |
| DRIVER'S SEAT HEATING  | ✓  |
| DRIVER'S SEAT ARM RESTS  | ✓  |
| CO-DRIVER'S SEAT, NOT SPRUNG, LENGTH, HEIGHT AND BACKREST ADJUSTMENT           | ✓  |
| CO-DRIVER'S SEAT ARM RESTS   | ✓  |
| AIR-CONDITIONING SYSTEM, CLIMATRONIC   | ✓  |
| INSTRUMENTATION, BASIC   | ✓  |
| MMT INFOTAINMENT SYSTEM, ADVANCED MID  | ✓  |
| MAN SOUND SYSTEM   | ✓  |
| SMARTPHONE INTEGRATION   | ✓  |
| AUSTRALIA NAVIGATION MAP   | ✓  |
| PREPARATION FOR REAR-VIEW CAMERA, 2 UNITS, ONE CAMERA LINKED TO REVERSE GEAR   | ✓  |
| EXTENSION FOR PREPARATION FOR REAR-VIEW CAMERA, CONNECTION BEHIND CAB          | ✓  |

CC Cab



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## ENGINE

|                              | 320hp / 235kW – AMT<br>D0836 LFL88                                | 320hp / 235kW – MANUAL<br>D0836 LFLBI                             |
|------------------------------|---|---|
| <b>ENGINE SPECIFICATIONS</b> |   |   |
| NOMINAL OUTPUT               | 235kW (320hp) at 2,200rpm   | 235kW (320hp) at 2,200rpm   |
| MAX TORQUE                   | 1,250Nm at 1,200–1,750rpm   | 1,250Nm at 1,200–1,750rpm   |
| CYLINDERS & ENGINE TYPE      | Six-cylinder in-line engine                                       | Six-cylinder in-line engine                                       |
| CAPACITY                     | 6.9L  | 6.9L  |
| EMISSION NORM                | Euro 5  | Euro 6  |
| EMISSION CONTROL SYSTEM      | SCR technology – without EGR                                      | SCR technology – without EGR                                      |
| ENGINE TURBO CHARGING        | Single-stage turbo charger with direct air-air charge-air cooling | Single-stage turbo charger with direct air-air charge-air cooling |
| FUEL INJECTION               | Electronically controlled Common Rail injection system            | Electronically controlled Common Rail injection system            |



## INTAKE/EXHAUST SYSTEM

|   | CC |
|---|----|
| AIR INTAKE REAR OF CABIN RHS WITH REAR PROTRUSION | ✓  |
| EXHAUST SILENCER RIGHT SIDE                       | ✓  |
| EXHAUST SILENCER COVER                            | ✓  |



## FRAME

|  | CC |
|--|----|
| FRAME PROFILE 220mm × 70mm × 8mm                             | ✓  |
| FINAL CROSS MEMBER WITH HOLE PATTERN<br>83 x 56mm/120 x 55mm | ✓  |



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## BRAKE SYSTEM

|   | CC |
|---|----|
| ANTI-LOCK BRAKING SYSTEM (ABS), OFFROAD, WITH ADDITIONAL OFF-ROAD LOGIC | ✓  |
| ELECTRONIC STABILITY PROGRAM  | -  |
| ANTI-SLIP CONTROL   | ✓  |
| MAN EASY START  | ✓  |
| MAN HIGH PERFORMANCE ENGINE BRAKE                                       | ✓  |
| ELECTRONIC BRAKING SYSTEM   | ✓  |
| 1 CYLINDER AIR COMPRESSOR 352 CCM e5                                    | ✓  |
| 1 CYLINDER AIR COMPRESSOR 318 CCM, WITH ECONOMY SYSTEM, e6              | ✓  |
| PARK BRAKE CONTROL, NEXT TO DRIVER'S SEAT                               | ✓  |
| ANTI-JACKKNIFING BRAKE, MANUAL, NEXT TO DRIVER'S SEAT                   |    |



## DRIVETRAIN & CHASSIS EQUIPMENT

|   | CC AMT | CC MANUAL |
|---|--------|-----------|
| MAN TIPMATIC 1212 OD AMT GEARBOX                      | ✓      | -         |
| MAN 09.13.OD MANUAL GEARBOX                           | -      | ✓         |
| MAN IDLE SPEED DRIVING GEARBOX FUNCTION               | ✓      | ✓         |
| MAN TIPMATIC OFFROAD GEARBOX SHIFT STRATEGY           | ✓      | -         |
| SINGLE-DISC CLUTCH, 395mm, DRY                        | ✓      | ✓         |
| TRANSFER CASE MAN G102 WITH ON-ROAD AND OFF-ROAD GEAR | ✓      | ✓         |
| TRANSFER CASE LOCK MANAGEMENT, ELECTRONIC (VSM)       | ✓      | ✓         |
| FRONT AXLE TYPE, PERMANENT                            | ✓      | ✓         |
| 9.0t STRAIGHT FRONT PLANETARY AXLE                    | ✓      | ✓         |
| 7.5t 2 LEAF PARABOLIC FRONT SUSPENSION                | ✓      | ✓         |
| 13t STRAIGHT REAR PLANETARY AXLE                      | ✓      | ✓         |
| 11.5t 4 LEAF PARABOLIC REAR SUSPENSION                | ✓      | ✓         |
| 4.83 REAR AXLE RATIO                                  | ✓      | ✓         |
| PI FG:01 II 295/80R R22.5" FRONT TYRES                | ✓      | ✓         |
| PI TG:01 II 295/80R R22.5" REAR TYRES                 | ✓      | ✓         |
| 1 × 300L STEEL FUELTANK MOUNTED RHS CHASSIS           | ✓      | ✓         |
| 35L ADBLUE TANK MOUNTED RHS CHASSIS                   | ✓      | ✓         |



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## ELECTRICAL SYSTEM

|   | CC |
|---|----|
| 2 BATTERIES, 12V, 175AH, STANDARD (SLI), MAINTENANCE FREE | ✓  |
| THREE-PHASE ALTERNATOR 28V, 120A, 3,360W, LONGLIFE ECO    | ✓  |
| MAIN BATTERY SWITCH, MECHANICAL                           | ✓  |
| LOCKABLE BATTERY BOX, WITHOUT PADLOCK                     | ✓  |
| SAFETY CUT-OUT  | ✓  |



## SAFETY FEATURES

|   | CC |
|---|----|
| ROAD SPEED LIMITER, ADJUSTABLE, LIMITER (ENGINE SPEED REGULATION) | ✓  |
| EMERGENCY BRAKING SIGNAL  | ✓  |
| CRUISE CONTROL  | ✓  |



## GVM & GCM

|                              | CC       |
|------------------------------|----------|
| GROSS VEHICLE MASS (GVM)     | 18,000kg |
| GROSS COMBINATION MASS (GCM) | 33,000kg |



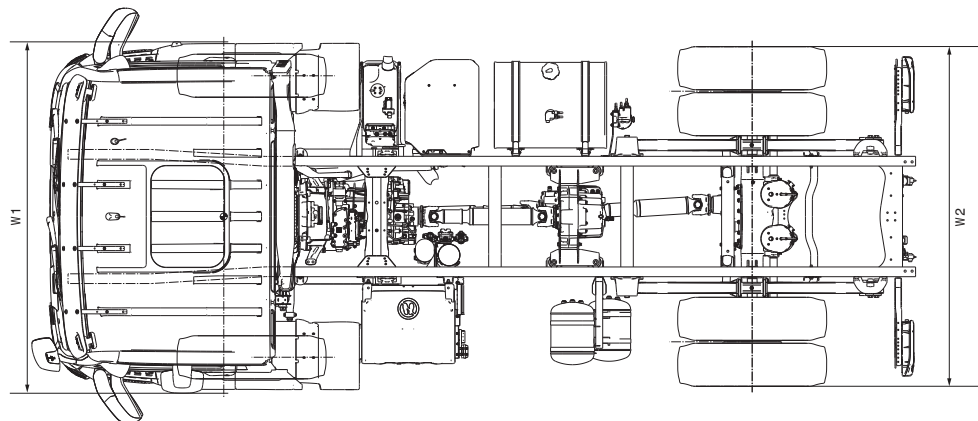
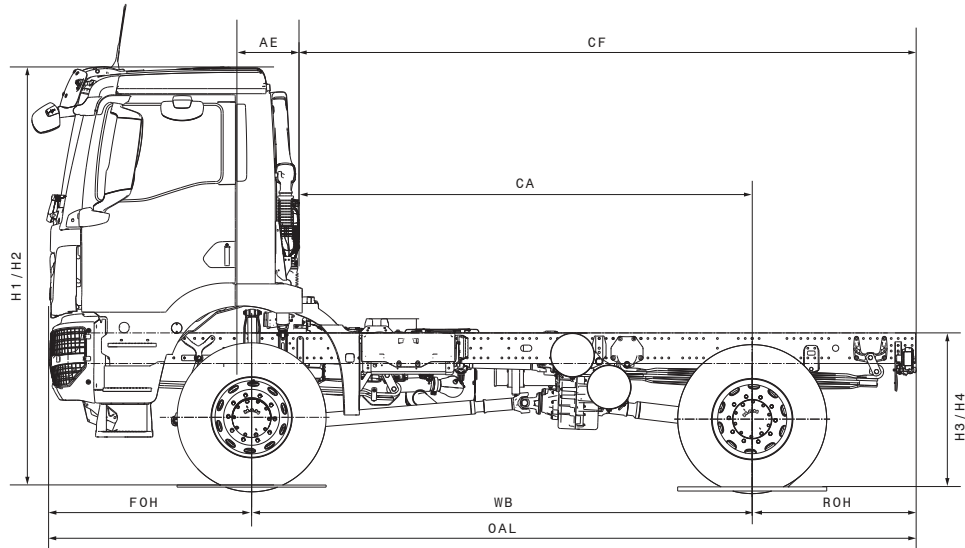
## FACTORY WARRANTY

|                                | CC |
|--------------------------------|----|
| 1 YEAR ENTIRE VEHICLE COVERAGE | ✓  |
| 2 YEAR DRIVE LINE COVERAGE     | ✓  |

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## CHASSIS DIMENSIONS AND WEIGHTS



| WHEELBASE      | CC CAB: WEIGHTS |         |       | TURNING      |              |
|----------------|-----------------|---------|-------|--------------|--------------|
|                | Front kg        | Rear kg | Total | Kerb to Kerb | Wall to Wall |
| <b>18t GVM</b> |                 |         |       |              |              |
| 3,600mm        | 4,210           | 1,923   | 6,133 | 14.3         | 15.7         |
| 3,900mm        | 4,293           | 1,986   | 6,279 | 15.2         | 16.6         |

| WHEELBASE      | CC CABIN: CHASSIS DIMENSIONS |       |       |       |       |     | MAX (mm) | EMPTY (mm) | LOADED (mm) | EMPTY (mm) | LOADED (mm) | WIDTH (mm) |       |
|----------------|------------------------------|-------|-------|-------|-------|-----|----------|------------|-------------|------------|-------------|------------|-------|
|                | FOH                          | ROH   | OAL   | CA    | CF    | AE  | BL       | H1         | H2          | H3         | H4          | W1         | W2    |
| <b>18t GVM</b> |                              |       |       |       |       |     |          |            |             |            |             |            |       |
| 3,600mm        | 1,450                        | 1,175 | 6,225 | 3,259 | 4,434 | 541 | N/A      | 3,131      | 3,004       | 1,258      | 1,131       | 2,489      | 2,240 |
| 3,900mm        | 1,450                        | 1,175 | 6,657 | 3,559 | 4,866 | 541 | N/A      | 3,131      | 3,004       | 1,258      | 1,131       | 2,489      | 2,240 |

