

MAN TRUCKNOLOGY® ROADSHOW 2023

Description of exhibits for vehicles on the construction site

Vehicle overview

Type	TRS No.	Cab	Body type	Body manufacturer
TGL 8.190 4x2 BB CH	319	CC	3-way tipper ex-works	Meiller
TGM 18.290 4x2 BL CH	318	CC	3-way tipper ex-works	Meiller
TGS 18.430 4x2 BL CH	329	NN	Set-down skip loader	Meiller
TGS 18.430 4x2 BL CH	330	NN	Set-down skip loader	HIAB
TGS 18.510 4x4H BL SA	312	GM	Tractor with tipping semitrailer (thermo insulated)	Meiller
TGS 18.510 4x4H BL SA	313	TM	Tractor with tipping semitrailer	Schwarzmüller
TGS 26.470 6x2/4 BL CH	281	NN	Set-down skip loader	Palfinger
TGS 26.470 6x2-4 BL CH	327	TN	Roll-off skip loader	HIAB
TGS 26.470 6x2-4 BL CH	277	TN	Roll-off skip loader	HYVA
TGS 26.470 6x4 BB CH	317	NN	3-way tipper ex-works	Meiller
TGS 26.510 6x4H-4 BL CH	279	TN	Roll-off skip loader	Palfinger
TGS 32.400 8x4 BB CH	315	NN	Concrete mixer	Euromix
TGS 32.400 8x4 BB CH	266	NN	Electronic concrete mixer	Liebherr
TGS 32.400 8x4 BB CH	267	NN	Concrete mixer	Liebherr
TGS 32.400 8x4 BB CH	268	NN	Concrete mixer	Stetter
TGS 35.400 8x4 BB CH	314	NN	Push-off dumping semitrailer	Fliegl
TGS 35.470 8x4 BB CH	301	NN	3-way tipper ex-works	Meiller
TGS 35.470 8x4 BB CH	302	NN	3-way tipper	KH-Kipper
TGS 35.510 8x4 BB CH	316	NN	2-way tipper (thermo insulated)	Dautel
TGS 35.510 8x4 BL CH	321	NN	3-way tipper (thermo insulated)	Ressenig
TGS 35.510 8x6H BL CH	320	NN	Rear tipper	Schmitz
TGS 41.510 8x4 BB CH	322	TN	Rear tipper	Empl
TGX 26.510 6x2-4 BL CH	328	GM	Roll-off skip loader	Meiller

Data status as of: 17th July 2023

Descriptions of more exhibits of the Trucknology® RoadShow are available in separate overviews: Heavy haulage, crane & Special vehicles and Long haul & Distribution.

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu



All information without guarantee/techn. changes reserved.



MAN TRUCKNOLOGY® ROADSHOW 2023

TRS 319

TGL 8.190 4x2 BB CH

MAN ex-works tipper. The new generation.

3-way tipper

MAN chassis specifications

Vehicle number	02D-0534
Order number	8000/ 01060
Empty weight [kg] as per VRC	4,821
Motorisation	D0834 LFLAR/ Euro 6e
kW/ hp/ Nm	140/ 190/ 750
Wheelbase/ overhang [mm]	3,050/ 1,075
Cab	CC

Drive train

- Gearbox MAN TipMatic® 06.08 OD
- Driving programs: Efficiency
- Gearbox function: MAN Idle Speed Driving
- Front axle dropped, parabolic springs 3,8 t
- Rear axle HY, i = 3.70, parabolic springs 5,6 t
- PTO gearbox-dependent, Typ NH/4c, f=0,67
- Tires 225/75R17,5, alloy rims

Fittings/ special features

- Fuel tank 100 l right hand side and 35 l AdBlue®
- MAN EasyStart immobiliser
- MAN EVBec high-performance engine brake, stages possible
- 2 revolving beacons on cab roof
- Anti-slip control (ASR), Full brake assistant, Tempomat (cruise control, CC), Lane Guard System (LGS), Idle shut down
- Mirror-replacement system OptiView
- Comfort driver's seat, with air-sprung, lumbar support, shoulder adjustment, armrests and heating
- Instrumentation, Basic km/h with driving hours indicator
- MAN media system Professional Navigation 12,3"
- Online traffic for navigation function
- MAN sound system



MEILLER - TRIGENIUS D205



- Technical data
 - Interior dimensions (LxWxH): 3,800 x 2,350 x 400 mm
 - Capacity approx.: 3.6 m³
- Floor 2.5 mm HBW 450
- M-JET steel walls 1.5 mm BS 70
- Fixed 700 mm high front wall
- Bottom-hinged side walls hinged with spring relief system and adjustable locks
- Top- and bottom-hinged tailgate with manual claw lock
- Access ladder (step on both sides of front wall and on the left side of tailgate)
- 2 lashing eyes in front wall (1 t)
- Lashing rail at front wall (0.5 t)
- 7 lashing eyes in the upper part of the side walls and 2 in in the tailgate (1 t)
- 12 folding, even lashing eyes in floor (8 t)
- Locking bar between the side walls (0.3 t)
- Tarpaulin hooks in the lower bearing belt of the side walls
- Subframe and tipper body with cathodic dip coating
- Hydraulic connections for tipping trailer (double-line)
- Storage rack on front wall with protective grid (painted in black grey)
- Long handle tool holder
- Deflector for ball head coupling
- Contour marking at tipper body and cab (white at the sides, yellow at the rear)

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu



MAN TRUCKNOLOGY® ROADSHOW 2023

TRS 318

TGM 18.290 4x2 BL CH

MAN ex-works tipper. The new generation.

3-way tipper

MAN chassis specifications

Vehicle number	18D-2846
Order number	8000/ 01056
Empty weight [kg] as per VRC	7,790
Motorisation	D0836 LFLBJ/ Euro 6e
kW/ hp/ Nm	213/ 290/ 1,150
Wheelbase/ overhang [mm]	3,575/ 1,125
Cab	CC

Drive train

- Gearbox MAN TipMatic® 12.12 OD
- Driving programs: Efficiency
- Gearbox function: MAN EfficientRoll, MAN Idle Speed Driving
- MAN EVBec high-performance engine brake, stages possible
- Front axle dropped, parabolic springs 7.5 t
- Rear axle HY, i = 4.63, air springs, 11.5 t
- PTO gearbox-dependent, Typ NH/4c, f=1.10
- Tires Continental 315/80R22.5 CROSS TRAC HS3

Fittings/ special features

- Fuel tank 220 l right hand side and 35 l AdBlue®
- MAN EVBec high-performance engine brake, stages possible
- 2 revolving beacons on cab roof
- 2 Spotlights on cab roof
- Anti-slip control (ASR), Full brake assistant, Tempomat (cruise control, CC), Lane Guard System (LGS)
- Construction-site rise
- Comfort driver's seat, with air-sprung, lumbar support, shoulder adjustment, armrests and heating
- Multi-function steering wheel with parking position
- Instrumentation, Basic km/h with driving hours indicator
- MAN media system Professional Navigation 12,3"
- Online traffic for navigation function
- MAN sound system



MEILLER - TRIGENIUS D212



- Technical data
 - Interior dimensions (LxWxH): 4,400 x 2,450 x 600 mm
 - Capacity approx.: 6.5 m³
- Floor plate 4 mm HBW 450
- M-JET side walls 2.5 mm HBW 450
- 800 mm high fixed tailgate with 6x lashing eyes (1 t)
- Left side wall with Bordmatic incl. LED flashing light strip and control lamp in the cab
- Top- and bottom-hinged right side wall with spring relief system
- Hydraulically bottom-hinged tailgate
- 6 lashing eyes in the upper part of the side walls, 2 lashing eyes in the upper part of the tailgate (2 t)
- 14 folding, even lashing eyes in floor (6 t in the corners, 2 t between)
- Access ladder
- Hydraulic connections for tipping trailer (double-line)
- i.s.a.r.-control remote
- Stainless steel tool box at subframe
- Long handle tool holder
- Rear and loading area sight package (2 cameras and 4 LED working lights)
- Contour marking at tipper body and cab (white at the sides, yellow at the rear)

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu



MAN TRUCKNOLOGY® ROADSHOW 2023

TRS 329

TGS 18.430 4x2 BL

The compact skip loader.

Set-down skip loader

MAN chassis specifications

Vehicle number	06F-0886
Order number	8000/ 01096
Empty weight [kg] as per VRC	10,986
Motorisation	D2676 LFAJ/ Euro 6e
kW/ hp/ Nm	316/ 430/ 2,200
Wheelbase/ overhang [mm]	3,900/ 1,250
Cab	NN

Drive train

- Gearbox MAN TipMatic® 12.26 DD, driving programs: Performance & Efficiency, Offroad, Manoeuvre
- Gearbox functions: Rocking free, MAN Idle Speed Driving
- Front axle dropped, parabolic springs, 9 t
- Rear axle hypoid, $i = 2.85$, air suspension, 13 t
- PTO gearbox-dependent, type NH/4c, without flange, $f=0.97$
- Tires FA 385/65R22,5 und RA 315/80R22,5

Fittings/ special features

- Fuel tank aluminum 390 l right and 60 l AdBlue® on the left
- MAN EasyStart immobiliser
- MAN EVBec high-performance engine brake, stages possible
- Air compressor, 2 cylinder, 720 ccm with economy system
- MAN ComfortSteering
- Tempomat, MAN EfficientCruise 3, Lane Guard Assist (LGA), Lane change support LCS and turn assist, Anti-slip control (ASR), Full brake assistant
- Front headlights with stone protection wide mesh
- 2 Spotlights on cab roof, spotlight/manoeuvring light deactivation (speed-dependent)
- Trailer coupling RINGFEDER type RF40/ G150B
- 3-part steel bumper, front radiator protection grille
- Mirror-replacement system OptiView
- Standard control field, inside of driver's door, with door open operated externally, 4 function buttons
- Comfort driver's seat (air-sprung, lumbar support, shoulder adjustment) with heating
- Professional instrumentation, 12.3", ICS rotary/push controller (Interior Control System), with direct access buttons and touchpad
- MAN media system Professional Navigation 12.3"



MEILLER - Skip handler TECTRIS AK14-LTG



- Technical data and dimensions
 - Capacity lifting max.: 14 t
- Telescopic arms made of a one-piece hexagonal profile, connected with threefold supported transverse wave
- Chain suspension consisting of high-strength chains with security eyelet and swiveling and top-hinged suspension (M-brackets)
- Triple tipping hooks
- Hydraulic container clamping system at the sides as well as hydraulic container locking mechanism at the rear
- i.s.a.r.-control remote with motor start stop, sequence control, holder for operating device with loading cradle in the cab
- Cathodic dip coating and painting in RAL 7021 black grey
- Paint protection foil for lifting arms
- Protective wall behind the cab
- Plastic toolbox
- 2x rear access steps
- Quick release coupling
- 2x long handle tool holders
- LED rear lights
- 2x LED working lights at the rear
- ECE marking
- 2x A-plates
- Contour marking (white at the sides, red at the rear)

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu



MAN TRUCKNOLOGY® ROADSHOW 2023

TRS 330

TGS 18.430 4x2 BL CH

The compact skip loader.

Set-down skip loader



MAN chassis specifications

Vehicle number	06F-0887
Order number	8000/ 01102
Empty weight [kg] approx.	10,390
Motorisation	D2676 LFAJ/ Euro 6e
kW/ hp/ Nm	316/ 430/ 2,200
Wheelbase/ overhang [mm]	3,900/ 1,250
Cab	NN

Drive train

- Gearbox MAN TipMatic® 12.26 DD, driving programs: Performance & Efficiency, Offroad, Manoeuvre
- Gearbox functions: Rocking free, MAN Idle Speed Driving
- Front axle dropped, parabolic springs, 9 t
- Rear axle hypoid, $i = 2.85$, air suspension, 13 t
- PTO gearbox-dependent, type NH/4c, without flange, $f=0.97$
- Tires FA 385/65R22,5 und RA 315/80R22,5

Fittings/ special features

- Fuel tank aluminum 390 l right and 60 l AdBlue® on the left
- MAN EasyStart immobiliser
- MAN EVBec high-performance engine brake, stages possible
- Air compressor, 2 cylinder, 720 ccm with economy system
- MAN ComfortSteering
- Tempomat, MAN EfficientCruise 3, Lane Guard Assist (LGA), Lane change support LCS and turn assist, Anti-slip control (ASR), Full brake assistant
- Front headlights with stone protection wide mesh
- 2 Spotlights on cab roof, spotlight/manoeuvring light deactivation (speed-dependent)
- Trailer coupling RINGFEDER type RF40/ G150B
- 3-part steel bumper, front radiator protection grille
- Mirror-replacement system OptiView
- Standard control field, inside of driver's door, with door open operated externally, 4 function buttons
- Comfort driver's seat (air-sprung, lumbar support, shoulder adjustment) with heating
- Professional instrumentation, 12.3", ICS rotary/push controller (Interior Control System), with direct access buttons and touchpad
- MAN media system Professional Navigation 12.3"

HIAB - Skip loader MULTILIFT FUTURA 12



- Technical data and dimensions
 - Capacity: 12 t
 - Container size: 5 – 15 m³
 - System weight: 2,600 kg
 - Equipment length: 4,100 mm
- Full hydraulic MULTILIFT skip loader according to DIN 30720-1
- Basic unit with:
 - Universal mounting frame, screwed to truck frame
 - Basic frame canted profiles
 - SwanNeck™: two lifting arms with telescope function connected via torsion shaft as standard in cranked design for effective container handling
 - Telescopic arms with 1,400 mm distance; controllable together or individually
 - Stabilizers controllable together or individually
 - 3 tipping hooks, two of them with safety latch, middle hook controllable individually
 - Length adjustable safety chains with chain cover
 - Rear steps left and right
 - Additional container front stops, fix, 5 positions to choose
 - Stabilizer rubber pads, one per side
- SafetyPlus™
 - Hydraulic side stops
 - Hydraulic rear locks for old and new DIN standard containers
- Remote control for all functions
- Complete outside control also for all functions
- 2 year warranty on all parts

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu



MAN TRUCKNOLOGY® ROADSHOW 2023

TRS 312

TGS 18.510 4x4H BL SA

MAN HydroDrive® - the original.

Tractor with tipping semitrailer



MAN chassis specifications

Vehicle number	22J-1266
Order number	8000/ 01075
Empty weight [kg] as per VRC	8,150
Motorisation	D2676 LFAF/ Euro 6e
kW/ hp/ Nm	375/ 510/ 2,600
Wheelbase/ overhang [mm]	3,600/ 750
Cab (headroom internal)	TM (1,690 mm)

Drive train

- Gearbox MAN TipMatic® Offroad 12.28 OD
- Gearbox functions: Rocking free, MAN EfficientRoll; MAN Idle Speed Driving
- MAN PriTarder®
- Front axle straight, steered, hydrostatically driven (MAN HydroDrive®), parabolic springs, 8 t
- Rear axle AP, i = 3.63, air suspension, 13 t
- PTO NTX/10C without flange, f = 1,15 bottom
- Tires FA Bridgestone 315/80R22,5 RW-DRIVE, RA Michelin 315/80R22,5 WORKS D, alloy rims

Fittings/ special features

- Fuel tank 390 l right and 80 l AdBlue® left
- Hydraulic system 2-line system, MEILLER, 275/150 bar
- Reduction of dust swirl through radiator fan
- Auxiliary heater (water), 4 kW
- Anti-spin regulator (ASR)
- Anti-lock braking system (ABS) with additional off-road logic
- Front radiator protection grille
- Working platform with step
- Stone protection for front headlights, wide mesh
- Mirror-replacement system OptiView
- Preparation for camera
- Standard control field, inside of driver's door, with door open operated externally, 4 function buttons
- Comfort driver's seat with ventilation
- Driver's airbag, with seat belt tensioner
- Professional instrumentation, 12.3", ICS rotary/ push controller with direct access buttons and touchpad, MAN Mediasystem Professional Navigation 12,3"
- Online traffic for navigation function
- MAN Advanced sound system with subwoofer

MEILLER heat-insulated tipping semi-trailer MHPS 44.3-N



- Technical data
 - Gross vehicle weight approx.: 39,000 kg
 - Fifth wheel load max.: 12,000 kg
 - Permitted rear axle load: 3 x 9,000 kg
 - Tipper body dimensions: 7,600 x 2,300 x 1,500 mm
 - Struck capacity approx.: 25 m³
- Halfpipe steel tipper body
- floor 5 mm HBW 450
- side walls 4 mm BW 450
- front wall and tailgate 4 mm HBW 400
- heat insulation
- outside-positioned top-hinged tailgate
- MEILLER telescopic front cylinder
- air-suspended SAF axles with disc brakes
- 6-fold tyres 385/65 R 22.5 on Dura-Bright aluminium rims
- 1st axle lifting when driving empty, automatically load-dependent with starting aid
- electronic air-suspension system (ECAS) with automatic lowering during tipping, can be switched off for finisher
- aluminium air tank
- ½-shell plastic mudguards
- electric MEILLER sliding tarpaulin
- access ladder
- pneumatically folding rear underrun protection for the use of finisher
- LED 5-compartment lights
- rear and loading area camera
- 2x LED working lights in the rear
- 2x flashing light at the rear
- holder for separating agent spraying pump
- aluminium landing gears
- long handle tool holder
- tool box
- ECE warning marking
- contour marking
- red-white warning marking at tailgate

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu



MAN TRUCKNOLOGY® ROADSHOW 2023

TRS 313

TGX 18.510 4x4H BL SA

MAN HydroDrive® - the original.

Tractor with tipping semitrailer



MAN chassis specifications

Vehicle number	22J-1267
Order number	8000/ 01076
Empty weight [kg] as per VRC	8,300
Motorisation	D2676 LFAF/ Euro 6e
kW/ hp/ Nm	375/ 510/ 2,600
Wheelbase/ overhang [mm]	3,600/ 750
Cab (headroom internal)	GM (1,860 mm)

Drive train

- Gearbox MAN TipMatic® Offroad 12.28 OD driving programs: Efficiency, Offroad, Manoeuvre
- Gearbox functions: MAN EfficientRoll, Rocking free, MAN Idle Speed Driving
- MAN PriTarder®
- Front axle straight, steered, hydrostatically driven (MAN HydroDrive®), parabolic springs, 8 t
- Rear axle AP, i = 3.63, construction air suspension, 13 t
- PTO NTX/10C without flange, f = 1,15
- Tires 315/80R22.5 on alloy rims

Fittings/ special features

- Fuel tank aluminum 390 l right and 80 l AdBlue® left
- Tipping semitrailer hydraulic system 2-line system, MEILLER, 275/150 bar
- Reduction of dust swirl through radiator fan
- Auxiliary heater (water), 4 kW
- Anti-spin regulator (ASR), Lane Guard System (LGS), MAN AttentionGuard
- Anti-lock braking system (ABS) with additional off-road logic
- Mirror-replacement system OptiView
- Front radiator protection grille
- Working platform with step
- Stone protection for front headlights, wide mesh
- Preparation for camera, linked to reverse gear
- Standard control field, inside of driver's door, with door open operated externally, 4 function buttons
- Comfort driver's seat with ventilation
- Driver's airbag, with seat belt tensioner
- Professional instrumentation, 12.3", ICS rotary/ push controller (Interior Control System)
- MAN media system Professional Navigation 12,3"

Schwarz Müller - 3-axle steel segment dump tipper

SCHWARZMÜLLER
UNTERNEHMEN

- Technical data
 - Internal dimensions (LxWxH): 7,650 x 2,330 x 1,470 mm
 - Cargo volume approx.: 25 m³
 - Technical gross weight: 39 t
 - Fifth-wheel load: 12 t
 - Technical axle assembly load: 27 t
- 3-axle steel segment dump tipper for on-site use for crushed stone, digging etc.
- Steel dump
 - Reinforced special steel floor panel (HB450)
 - Continuously welded floor panel 5 mm thick, 4 mm walls
 - External rear panel with hydraulic actuation
- Schwarz Müller sliding roof with electric actuation from the back to the front, including radio remote control - roof arch height 300 mm
- SAF Intradisc B9 axles with large disc brakes
- Automatically lifting front axle – depending on weight
- Tyres: 385/65 R 22.5, 160J, alloy rims with ET120
- Electronic air suspension with automatic lowering device
- SWIT telematics "Local Trac" – data transfer via GPRS (location determination/geofencing/fleet management)
- SMART-Board Wabco for data reading via display
- Axle load display by EBS CAN bus signal
- 24 V lighting system pursuant to EC directives
- Five-chamber Full - LED tail lights
- LED marker, contour and side marker lights
- 2 add-on LED reversing lights
- Alu-trapezoidal underride guard - can be folded up electro-pneumatically to operate switches in the driver's cab
- Clamp mount for broom/shovel, sideways at the vehicle
- Plastic single wheel mudguards
- Paintwork:
 - Blasted with steel granulate
 - Epoxy zinc phosphate primer plus spray-painted top coat

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu



MAN TRUCKNOLOGY® ROADSHOW 2022/23

TRS 281

TGS 26.470 6x2/4 BL CH

The compact and manoeuvrable
king of payload.

Set-down skip loader



MAN chassis specifications

Vehicle number	24F-0172
Order number	8000/ 01025
Empty weight [kg] as per VRC	13,860
Motorisation	D2676 LFA/ Euro 6e
kW/ hp/ Nm	346/ 470/ 2,400
Wheelbase/ overhang [mm]	2,600 + 1,350/ 1,050
Cab	NN

Drive train

- Gearbox MAN TipMatic® 12.26 DD, driving programs: Efficiency Plus, Performance & Efficiency, Offroad, Manoeuvre
- Gearbox functions: MAN EfficientRoll, Rocking free, MAN Idle Speed Driving
- High-performance engine brake, MAN PriTarder® with MAN EVBec, stages possible
- Front axle dropped, 7.5 t
- Rear axle Hypoid, i = 2.71, air suspension 13 t
- Leading axle steered, liftable, air suspension, 7.5 t
- Axle load ratio between leading and rear axle variable
- PTO gearbox-dependent, without flange, f=1.12
- Tires Michelin FA/LA 385/65R22.5, RA 315/80R22.5, alloy rims

Fittings/ special features

- Fuel tank aluminum 290 l and 24 l AdBlue® on the left
- Air compressor, 2-cylinder, 720 ccm with economy system
- Trailer coupling ROCKINGER type 400 G 150A
- 3-part steel bumper, front radiator protection grille
- MAN ComfortSteering
- Distance-controlled tempomat (ACC), Anti-slip control (ASR), Full brake assistant, Lane Guard System (LGS), Turn assist, MAN EfficientCruise 3, MAN AttentionGuard
- Standard control field, inside of driver's door, with door open operated externally, 4 function buttons
- Comfort driver's seat with heating; driver's airbag
- Professional instrumentation, 12.3", ICS rotary/ push controller (Interior Control System) with direct access buttons and touchpad, MMT infotainment system Advanced High
- Modifications by MAN Individual: Side camera system (SCS) with separate display on the A pillar (co-driver's side)

PALFINGER - Telescopic skip loader PST18 TEC



- Technical data
 - Maximum lifting capacity approx.: 18,000 kg
 - Suitable for holding containers in acc. with DIN 30720 parts 1 and 2 with an inside length of up to 4,500 mm
- Container stops in front: easily relocatable, removable and selflocking
- Lifting cylinder with piston rod protection made of steel
- Palfinger radio control: Ergonomic and intuitive 1-hand control, with OLED display
- High speed for lift arms when setting down empty containers
- 3 tipping hooks with automatically acting hook safety, pneumatically operated, including position monitoring
- Ergonomic appearance with handrail at the rear left
- Platform 4,400 mm, device length 4,800 mm
- Comfort-Lock (Active-Lock and hydraulic Rear lock)
- 6 lashing eyes 3 t mounted on the platform

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu



MAN TRUCKNOLOGY® ROADSHOW 2023

TRS 327

TGS 26.470 6x2-4 BL CH

The robust and versatile skip-loader.

Roll-off skip loader

MAN chassis specifications

Vehicle number	19F-1805
Order number	8000/ 01092
Empty weight [kg] as per VRC	n/a
Motorisation	D2676 LFAI/ Euro 6e
kW/ hp/ Nm	346/ 470/ 2,400
Wheelbase/ overhang [mm]	4,800 + 1,350/ 1,750
Cab	NN

Drive train

- Gearbox MAN TipMatic® 12.26 DD with retarder 35, driving programs: Offroad, Performance & Efficiency, Manoeuvre
- Gearbox functions: Rocking free, EfficientRoll
- Front axle dropped, parabolic springs, 9 t
- Rear axle Hypoid, i = 2.71, air suspension, 12 t
- Trailing axle relievable, moving-off aid with maximum speed limitation, steered, liftable 8 t
- PTO engine-dependent with spline hub DIN ISO 14, f=1.233, 400/570 Nm continuous/short
- Tires Michelin FA/TA 385/65R22.5 X MULTI Z and RA 315/80R22.5 WORKS D, alloy rims

Fittings/ special features

- Fuel tank aluminum 590 l right hand side and 60 l AdBlue®
- MAN EasyStart immobiliser
- Air compressor, 2-cylinder, 720 ccm with economy system
- Distance-controlled tempomat (ACC), MAN EfficientCruise 3, Lane Guard Assist (LGA), Lane change support LCS and turn assist, Full brake assistant
- Mirror-replacement system OptiView
- Standard control field, inside of driver's door, with door open operated externally, 2 function buttons
- Digital axle load display (ALM) for air-sprung axles, cab
- Comfort driver's seat air-sprung, with ventilation, lumbar support and shoulder adjustment
- Driver's airbag, with seat belt tensioner
- Professional instrumentation, 12.3", ICS rotary/ push controller (Interior Control System) with direct access buttons and touchpad
- MAN media system Professional Navigation 12.3"

HIAB - Hooklift MULTILIFT ULTIMA21Z59

- Technical data
 - Capacity: 21.0 t
 - G-Length: 5,900 mm
 - Weight: 2,530 kg
 - Container length: 5,250 - 6,750 mm
 - Bodylevel: 250 mm
 - Hook height: 1,570 mm
- Hooklift for DIN 30722
- High quality zinc primer and finish painting from factory
- Sliding & tilting operating method
- Device control via compact control box with CAN bus cable, integrated control lights and electromagnetic valve control with 2-speed control (slow-/normal speed) in both directions for the main cylinders
- Fast speed option: enables the controlled demounting of empty or lightly loaded containers approximately one third quicker than the standard device
- Fast tipping
- Automatic sequence control (only one lever needed)
- Extra remote control
- Hydraulic underrun bar
- Motor side auxiliary drive with pump that can be switched
- 2 year warranty on all parts



Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu



MAN TRUCKNOLOGY® ROADSHOW 2022/23

TRS 277

TGS 26.470 6x2-4 BL

The robust and versatile hook-loader.

Roll-off skip loader



MAN chassis specifications

Vehicle number	19F-2556
Order number	8000/ 01021
Empty weight [kg] as per VRC	11,300
Motorisation	D2676 LFAI/ Euro 6e
kW/ hp/ Nm	346/ 470/ 2,400
Wheelbase/ overhang [mm]	4,800 + 1,350/ 2.600
Cab (headroom internal)	TN (1,410 mm)

Drive train

- Gearbox MAN TipMatic® 12.26 DD with retarder 35, driving programs: Performance & Efficiency, Manoeuvre
- Gearbox functions: MAN EfficientRoll, Rocking free, MAN Idle Speed Driving
- Front axle dropped, parabolic springs, 8 t
- Rear axle Hypoid, i = 2.71, air suspension, 11.5 t
- Trailing axle relievable, moving-off aid with maximum speed limitation, steered, liftable, 7.5 t
- PTO engine-dependent with spline hub DIN ISO 14
- Tires Michelin 315/80R22.5, alloy rims

Fittings/ special features

- Fuel tank aluminum 590 l right and 60 l AdBlue® left
- MAN EasyStart immobiliser
- Air compressor, 2-cylinder, 720 ccm with economy system
- Distance-controlled tempomat (ACC) with stop-and-go function, Lane Guard System (LGS), Turn assist, Full brake assistant
- Standard control field, inside of driver's door, with door open operated externally, 2 function buttons
- Digital axle load display (ALM) for air-sprung axles, cab
- Auxiliary water heater 4 kW (night heater), for vehicles for transporting hazardous goods
- Comfort driver's seat air-sprung with lumbar support and shoulder adjustment
- Driver's airbag, with seat belt tensioner
- Professional instrumentation, 12.3", ICS rotary/ push controller (Interior Control System) with direct access buttons and touchpad, MMT infotainment system Advanced Mid
- Online traffic for navigation function
- MAN Advanced sound system with subwoofer

HYVA - Hooklift Titan 20-60 S



- Technical data
 - Container interior length: 4,550 - 7,050 mm
 - Lifting and tipping force: 200 kN
 - Pick-up hook height (standard in D-A-CH): 1,570 mm
- Hydraulic combination - container locking
- Cab controls (pneumatic)
- New design cast hook
- Full overdrive, capacity < 100 kN
- Additional hydraulic function
- ADR (dangerous goods equipment)
- Safety circuit for short containers
- Hydraulic pump (kit) 108 l
- Bypass valve for engine-side power take-off
- Multifunctional brackets with mounting kit, galvanized
- Tool box stainless steel, 500 x 500 x 550 mm
- Aluminum control block cover instead of plastic
- Cover for hydraulic container lock Aluminum instead of plastic
- Net box galvanized (adjustable in length)
- LED work lights
- Underrun protection scissors R58-03 mech. TERBERG with a thrust range of 800 mm
- End position cushioning

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu



MAN TRUCKNOLOGY® ROADSHOW 2023

TRS 317

TGS 26.470 6x4 BB CH

MAN ex-works tipper. The new generation.

3-way tipper

MAN chassis specifications

Vehicle number	26E-1064
Order number	8000/ 01055
Empty weight [kg] as per VRC	13,019
Motorisation	D2676 LFA/ Euro 6e
kW/ hp/ Nm	346/ 470/ 2,400
Wheelbase/ overhang [mm]	3,300 + 1,400/ 800
Cab	NN

Drive train

- Gearbox MAN TipMatic® 12.28 OD
- Driving programs: Performance & Efficiency, Offroad
- Gearbox functions: Rocking free, MAN EfficientRoll
MAN Idle Speed Driving
- High-performance engine brake MAN EVBec, stages possible
- Front axle straight, parabolic springs 9 t
- Rear axles AP, i = 4.00, progressive springs, 2x 13 t
- PTO engine-dependent, f=1.233, 400/570 Nm continuous/short
- Tires Continental FA 385/65R22.5 and RA 315/80R22.5

Fittings/ special features

- Fuel tank 310 l right hand side and 60 l AdBlue® on the left
- MAN EasyStart immobiliser
- 2 revolving beacons on cab roof
- ABS Offroad, with additional off-road logic
- Anti-slip control (ASR), Full brake assistant, Lane Guard System (LGS), MAN EfficientCruise 3, MAN AttentionGuard
- Paver brake braking function
- Turning brake
- Mirror-replacement system OptiView
- Standard control field, inside of driver's door, with door open operated externally, 2 function buttons
- Comfort driver's seat with armrests and heating
- Driver's airbag with seat belt tensioner
- Professional instrumentation, 12.3" with driving hours monitor (indicator in instrumentation)
- ICS rotary/push controller (Interior Control System), with direct access buttons and touchpad
- MAN media system Professional Navigation 12.3"
- Online traffic for navigation function
- MAN Advanced sound system

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu

All information without guarantee/techn. changes reserved.



MEILLER - 3-way tipper TRIGENIUS D316



- Technical data
 - Internal dimensions (LxWxH): 4,900 x 2,420 x 900 mm
 - Volume: 10.7 m³
- Floor 5 mm HBW 500 (HARDOX 500 TUF)
- Front wall 3 mm HBW 450
- M-JET side walls and tailgate 4 mm HBW 450
- Fixed front wall 1,100 mm
- Left side wall with Bordmatic incl. LED flashing light strip and control lamp in the cab
- Top- and bottom-hinged right side wall with spring relief system
- Top- and bottom-hinged tailgate incl. dosing system
- 150 mm long chute
- Fixed corner posts left and right
- Load securing package
 - 6x lashing eyes in front wall (2 t), 3x in upper row, 3x in lower row
 - 5x lashing eyes in the upper part of the side walls (2 t)
 - 16x folding, even lashing eyes in floor (8 t in the corners, 4 t between)
- Unmounted aluminium ladder with holder on mudguard
- Long handle tool holder
- Switchable pump at engine-driven PTO
- i.s.a.r.-control remote
- Rear and loading area sight package (2x cameras and 4x LED working lights)
- Electric sliding tarpaulin with tarpaulin canopy
- Hydraulic folding rear underrun protection
- Continuous aluminium mudguards on both sides with rubber edge
- Contour marking at tipper body and cab (white at the sides, yellow at the rear)



MAN TRUCKNOLOGY® ROADSHOW 2022/23

TRS 279

TGS 26.510 6x4H-4 BL CH

Traction on demand: The allrounder.

Roll-off skip loader



MAN chassis specifications

Vehicle number	36F-0478
Order number	8000/ 01023
Empty weight [kg] as per VRC	12,085
Motorisation	D2676 LFAF/ Euro 6e
kW/ hp/ Nm	375/ 510/ 2,600
Wheelbase/ overhang [mm]	4,500 + 1,350/ 2,400
Cab	TN

Drive train

- Gearbox MAN TipMatic® 12.28 OD, driving programs: Offroad, Performance/Efficiency, Manoeuvre
- Gearbox functions: Rocking free, MAN EfficientRoll, MAN Idle Speed Driving
- Engine brake, MAN PriTarder® with MAN EVBec, stages possible
- Front axle as HydroDrive® axle (driven, engageable)
- Rear axle Hypoid, $i = 3.36$, air springs
- High-load roll stabilisation for rear axle (stabiliser, 4pointlink)
- Trailing axle (relievable, steered, liftable), moving-off aid with maximum speed limitation
- PTO (engine-dependent), flywheel, spline hub (DIN ISO 14)
- Tires Michelin FA/TA 385/65R22.5, RA 315/80R22.5, alloy rims

Fittings/ special features

- Fuel tank aluminum 390 l right hand side and 60 l AdBlue®
- MAN EasyStart immobiliser
- Air compressor, 2-cylinder, 720 ccm with economy system
- Distance-controlled tempomat (ACC) with stop-and-go function, MAN Efficient-Cruise 3, Turn assist, Lane Guard Assist (LGA), MAN AttentionGuard, Full brake assistant
- MAN ComfortSteering
- Standard control field, inside of driver's door, with door open operated externally, 2 function buttons
- Comfort driver's seat with ventilation and driver's airbag
- Professional instrumentation, 12.3", ICS rotary/ push controller (Interior Control System) with direct access buttons and touchpad, MMT infotainment system Advanced High
- Digital axle load display (ALM) for air-sprung axles
- Modifications by MAN Individual: Side camera system (SCS) with separate display on the A pillar (co-driver's side)

PALFINGER - Hook loader PH T20 TEC5



- Technical data
 - Maximum lifting force approx. 20,000 kg
 - Suitable for holding containers in acc. with DIN 30722 Part1 with internal length of up to 7,000 mm
- Hydraulic internal locking including control element
- Hydraulically telescopic hook arm
- COMPACT mounting hook with mechanical gravity hook safety
- Load-independent RAPID GEAR SHIFTING for high working speed
- PAD TOUCH control with
 - Large ergonomic 3-way joystick
 - Touch display for operating additional functions
 - Status display
 - 3 camera inputs
 - Error code display
- Reversing camera between the rollers, shown on the touch display
- End-of-travel cushioning using a soft-stop function for picking up and tilting
- AFS - automatic sequence control (standard)
- AFS performs the necessary operating steps when unrolling, Pick up and tilt fully automatically one after the other. The operator only must push the large joystick backwards or forwards. Let go = stop.
- Palfinger scissor underride protection, hydraulically extendable
- Bolted device assembly Palfinger hooklift incl. Toolbox, network box, headlights, approvals
- The hooklift offers:
 - Safety because of simple and intuitive operation
 - Robust and reliable design
 - Cost control because of simple maintenance
 - A high degree of flexibility for the entrepreneur
 - Rapid traverse for a very high working speed
 - Low dead weight
 - Very high payload

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu



MAN TRUCKNOLOGY® ROADSHOW 2023

TRS 315

TGS 32.400 8x4 BB CH

The weight optimized concrete mixer.

Concrete mixer

MAN chassis specifications

Vehicle number	49F-1112
Order number	8000/ 01078
Empty weight [kg] as per VRC	12,990
Motorisation	D1556 LF17/ Euro 6e
kW/ hp/ Nm	294/ 400/ 1,800
Wheelbase/ overhang [mm]	1,795 + 2,505 + 1,400/ 950
Cab	NN

Drive train

- Gearbox MAN TipMatic® 12.22 DD, Driving programs: Performance & Efficiency, Manoeuvre
- Gearbox functions: Rocking free, MAN EfficientRoll, MAN Idle Speed Driving
- Front axles dropped, parabolic springs 2x 7.5 t
- Rear axles Hypoid, i = 3,70, parabolic springs 2x 10 t
- PTO engine-dependent, f= 1.27, 870/1000 Nm continuous/short
- Tires 315/80R22.5 on alloy rims

Fittings/ special features

- Fuel tank 300 l right hand side and 35 l AdBlue® on the left
- MAN EVBec high-performance engine brake, stages possible
- MAN EasyStart immobiliser
- ABS Offroad with additional off-road logic
- Anti-slip control (ASR), MAN EfficientCruise 3, Lane Guard System (LGS), MAN AttentionGuard
- Aluminium compressed-air tank
- Vehicle approval, N3G class
- Standard control field, inside of driver's door, with door open operated externally, 2 function buttons
- Auxiliary water heater 4 kW (night heater)
- Comfort driver's seat with heating
- Driver's airbag, with seat belt tensioner
- Multi-function steering wheel (leather) with parking position
- Professional instrumentation, 12.3" with driving hours monitor
- ICS rotary/push controller (InteriorControl System), with direct access buttons and touchpad
- MAN media system Professional Navigation 12.3"
- Online traffic for navigation function
- Preparation for rear-view camera, 2 units, one camera linked to reverse gear

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu

All information without guarantee/techn. changes reserved.



EUROMIX - Concrete mixer body EM 9 SL



- Technical data
 - Volume: 9 m³
 - Geometric volume: 15,120 l
 - Water volume: 9,745 l
 - Total weight: 3,425 kg
- Mixing drum in superlight construction
- Construction made of HARDOX S450 and S500 in 3 mm
- Mixing drum made of HARDOX 450 in 3 mm
- Mixing spirals made of HARDOX 500 in 3 mm + 6 mm Protection
- Gearbox ZF P5300
- Hydraulic pump Bosch Rexroth
- Hydraulic engine Bosch Rexroth
- Integrated oil cooling system
- Mixing control manual - Start Stop electrical
- Compressed air water system
- Water connection on the pedestal with hose line
- Water filling line, one-sided with C-coupling
- Mixing drum with a service flap
- Ladder with stand pedestal
- Rubber attachment at the funnel
- Swiveling, one-armed discharge chute incl. pendal flap
- Wear plates in hopper, outlet pan and pivot chute
- Drum lock to secure the drum during maintenance
- Polyurethane primer
- Mudguards made of aluminum mounted on the rear axles
- 2x plastic extension chute
- Water tank 500 l (air pressure)
- Water tank steel
- Safety valve mounted below the water tank in the filling line
- 42 l fluid reservoir mounted on pedestal
- Mixing control – mechanical
- Start-Stop at EDC
- Emergency stop according to EU safety rules
- Euromix mixing control



MAN TRUCKNOLOGY® ROADSHOW 2022/23

TRS 266

TGS 32.400 8x4 BB CH

The weight optimized electric concrete mixer.

Concrete mixer



MAN chassis specifications

Vehicle number	49F-0140
Order number	8000/ 01042
Empty weight [kg] as per VRC	13,890
Motorisation	D1556 LF07/ Euro 6d
kW/ hp/ Nm	294/ 400/ 1,800
Wheelbase/ overhang [mm]	1,795 + 2,505 + 1,400/ 950
Cab	NN

Drive train

- Gearbox MAN TipMatic® 12.22 DD
- Driving programs: Efficiency, Offroad, Emergency, Manoeuvre
- Gearbox functions: Rocking free, MAN EfficientRoll, MAN Idle Speed Driving
- Front axles dropped, parabolic springs 2x 7.5 t
- Rear axles Hypoid, i = 3,70, parabolic springs 2x 10.5 t
- PTO engine-dependent, flywheel, f= 1.27
- Tires 315/80R22.5, alloy rims

Fittings/ special features

- Fuel tank 300 l right hand side and 35 l AdBlue® on the left
- MAN EVBec high-performance engine brake, stages possible
- MAN EasyStart immobiliser
- ABS Offroad with additional off-road logic
- Anti-slip control (ASR), MAN EfficientCruise 3, Lane Guard System (LGS), MAN AttentionGuard
- Aluminium compressed-air tank
- Vehicle approval, N3G class
- Standard control field, inside of driver's door, with door open operated externally, 2 function buttons
- Auxiliary water heater 4 kW (night heater)
- Comfort driver's seat
- Driver's airbag, with seat belt tensioner
- Multi-function steering wheel (leather) with parking position
- Professional instrumentation, 12.3" with driving hours monitor
- Online traffic for navigation function
- ICS rotary/push controller (InteriorControl System), with direct access buttons and touchpad
- MMT infotainment system Advanced High
- Preparation for rear-view camera, 2 units, one camera linked to reverse gear

LIEBHERR - Electric Truck mixer body ETM 905

LIEBHERR

- Technical data
 - Nominal filling: 9 m³
 - Geometric drum capacity: 16.0 m³
 - Water capacity: 10.5 m³
 - Body weight: 4,504 kg
- Mixer drive
 - Mixer gearbox ZF CMe; Type vehicle output - 0P8PT
- Assembly parts:
 - Single wheel mudguard plastic black on rear axles
 - Mud flap on rear mudguard, with assembly
 - Sliding ladder as extension ladder with sliding part made of aluminium
 - Ladder platform EN 12609, incl. cladding and guardrail
 - Aluminum cover completely between the platform
 - Cover drum support at the rear incl. rubber sealing at the discharge funnel
 - Foldable underride guard
 - 2 step(s) on underride guard 160 x 450 mm - on both sides
 - Holding/climbing handle on ladder platform
 - Heavy duty basket on underride guard
 - Central lubrication point for track rollers and additional lubrication points
 - Lubrication point for track ring
 - Compressed air connection triple distribution at the rear of the truck mixer incl. quick coupling
 - Tool storage box small, plastic, 500 x 250 x 250 mm
 - Cover at the rear of the chassis up to the end of the frame
- Mixing drum: Lightweight mixing drum, spiral 800 mm; mixing drum outlet with 2nd drip ring

■ For reservations please contact:

- Nico Mueller
Phone: +49 160 98489670
E-Mail: Nico.Mueller2@liebherr.com
- Stefan Prahm
Phone: +49 7583 949285
E-Mail: Stefan.Prahm@liebherr.com

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu



TRS 267

TGS 32.400 8x4 BB CH

The weight optimized concrete mixer.

Concrete mixer

MAN chassis specifications

Vehicle number	49F-0793
Order number	8000/ 01035
Empty weight [kg] as per VRC	19,090
Motorisation	D1556 LF17/ Euro 6e
kW/ hp/ Nm	294/ 400/ 1,800
Wheelbase/ overhang [mm]	1,795 + 2,505 + 1,400/ 950
Cab	NN

Drive train

- Gearbox MAN TipMatic® 12.22 DD
- Driving programs: Efficiency, Offroad, Emergency, Manoeuvre
- Gearbox functions: Rocking free, MAN EfficientRoll, MAN Idle Speed Driving
- Front axles dropped, parabolic springs 2x 7.5 t
- Rear axles Hypoid, i = 3,70, parabolic springs 2x 10.5 t
- PTO engine-dependent, flywheel, f= 1.27
- Tires 315/80R22.5, alloy rims

Fittings/ special features

- Fuel tank 300 l right hand side and 35 l AdBlue® on the left
- MAN EVBec high-performance engine brake, stages possible
- MAN EasyStart immobiliser
- ABS Offroad with additional off-road logic
- Anti-slip control (ASR), MAN EfficientCruise 3, Lane Guard System (LGS), MAN AttentionGuard
- Aluminium compressed-air tank
- Vehicle approval, N3G class
- Standard control field, inside of driver's door, with door open operated externally, 2 function buttons
- Mirror-replacement system MAN OptiView
- Auxiliary water heater 4 kW (night heater)
- Comfort driver's seat
- Driver's airbag, with seat belt tensioner
- Multi-function steering wheel (leather) with parking position
- Professional instrumentation, 12.3" with driving hours monitor
- Online traffic for navigation function
- ICS rotary/push controller (InteriorControl System), with direct access buttons and touchpad
- MMT infotainment system Advanced High
- Preparation for rear-view camera

LIEBHERR - Truck mixer body HTM 905

LIEBHERR

- Technical data
 - Nominal filling: 9 m³
 - Geometric drum capacity: 16 m³
 - Water volume: 10.5 m³
- Basic unit
 - Mounting on chassis
 - Base frame made of profile beams, 160 x 70 x 8 mm
- Mixer drive
 - Mixer gearbox: ZF CML 12, Hydraulics: Rexroth
 - Cooler: Standard
- Mounting parts:
 - Tandem rear mudguard made of aluminium chequer plate
 - Dirt trap on rear mudguard, with assembly
 - Climbing ladder as extension ladder with sliding part made of aluminum
 - Ladder platform in accordance with EN 12609, incl. cladding and fall protection
 - Cover completely between the platform made of aluminum
 - Cover drum support at rear incl. rubber sealing at the discharge hopper
 - Without side collision protection
 - Foldable underride guard
 - 1 Step on underride guard 160 x 450 mm on the left
 - Holding/climbing handle on ladder platform
 - Central lubrication point for track rollers and additional lubrication point for track ring
 - Compressed air connection with triple distribution on the rear of the truck mixer incl. quick coupling
 - Contour marking
 - Side marker lights
 - 1 Tool storage box, large, 700 x 400 x 350 mm, stainless steel
- Mixing drum:
 - Lightweight mixing drum, spiral 800 mm
 - Mixing drum outlet with 2nd drip ring

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu



MAN TRUCKNOLOGY® ROADSHOW 2023

TRS 268

TGS 32.400 8x4 BB CH

The weight optimized concrete mixer.

Concrete mixer



MAN chassis specifications

Vehicle number	49F-0825
Order number	8000/ 01036
Empty weight [kg] as per VRC	13,325
Motorisation	D1556 LF17/ Euro 6e
kW/ hp/ Nm	294/ 400/ 1,800
Wheelbase/ overhang [mm]	1,795 + 2,505 + 1,400/ 950
Cab	NN

Drive train

- Gearbox MAN TipMatic® 12.22 DD
- Driving programs: Efficiency, Offroad, Emergency, Manoeuvre
- Gearbox functions: Rocking free, MAN EfficientRoll, MAN Idle Speed Driving
- Front axles dropped, parabolic springs 2x 7.5 t
- Rear axles Hypoid, i = 3,70, parabolic springs 2x 10.5 t
- PTO engine-dependent, flywheel, f= 1.27
- Tires 315/80R22.5, alloy rims

Fittings/ special features

- Fuel tank 300 l right hand side and 35 l AdBlue® on the left
- MAN EVBec high-performance engine brake, stages possible
- MAN EasyStart immobiliser
- ABS Offroad with additional off-road logic
- Anti-slip control (ASR), MAN EfficientCruise 3, Lane Guard System (LGS), MAN AttentionGuard
- Aluminium compressed-air tank
- Vehicle approval, N3G class
- Standard control field, inside of driver's door, with door open operated externally, 2 function buttons
- Mirror-replacement system MAN OptiView
- Auxiliary water heater 4 kW (night heater)
- Comfort driver's seat
- Driver's airbag, with seat belt tensioner
- Multi-function steering wheel (leather) with parking position
- Professional instrumentation, 12.3" with driving hours monitor
- Online traffic for navigation function
- ICS rotary/push controller (InteriorControl System), with direct access buttons and touchpad
- MMT infotainment system Advanced High
- Preparation for rear-view camera

STETTER - Truck mixer AM 9 FHC-UltraEco



- Technical data
 - Nominal volume: 9 m³
 - Water line 10.200 l
 - Body weight 2.990 kg
- Drum wall made of Hardox 500 TUF
- Mixing spirals made of Hardox 500 TUF
- Plug welded ware protection made of Hardox 500 TUF
- Gear box ZF Ecomix II – CML
- Step on ladder pedestal
- Slewable filling hopper
- Fully hydraulic chute adjustment
- 2 extension chute made of plastic
- Aluminum compressed air water tank 400 l
- Stop valve mounted in water filling pipeline
- Water connection C-coupling, both sides
- Water-tap with exchangeable seal kit
- LED working spot light
- Rear view camera
- Admixture system 60 l, compressed air execution
- Frame covering
- Mudguard widening
- Splash guard for rear mudguards
- Fixture for fluid concrete pipe (5 m long)
- Slump pressure gauge
- Tool box
- Tool box between the rear axles both sides
- Heavy-duty bucket in the rear underride guard
- Shovel and broom holder
- Sealing rubber at discharge hopper
- Electronic mixer control – SMART Control 3.0
- Rear underride bar, hinged execution

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu



MAN TRUCKNOLOGY® ROADSHOW 2023

TRS 314

TGS 35.400 8x4 BB CH

The economic one.

Push-off dumping semitrailer

MAN chassis specifications

Vehicle number	37E-2086
Order number	8000/ 01077
Empty weight [kg] as per VRC	14,530
Motorisation	D1556 LF20/ Euro 6e
kW/ hp/ Nm	294/ 400/ 1,800
Wheelbase/ overhang [mm]	1,795 + 2,505 + 1,400/ 800
Cab	NN

Drive train

- Gearbox TipMatic® 12.26 OD, driving programs: Performance & Efficiency, Offroad, Manoeuvre
- Gearbox functions: Rocking free, MAN EfficientRoll, MAN Idle Speed Driving
- MAN Turbo EVBec high-performance engine brake, stages possible
- Front axles straight, parabolic springs 2x 8 t
- Rear axles AP, i = 4.11, parabolic springs 2x 10.5 t
- PTO engine-dependent, f=1.27, 400/570 Nm continuous/short
- Tires FA 385/65R22.5 and RA 315/80R22.5, alloy rims

Fittings/ special features

- Fuel tank 390 l left hand side and 35 l AdBlue® on the right
- MAN EasyStart immobiliser
- 2 LED revolving beacons on cab roof
- ABS Offroad with additional off-road logic
- MAN Efficient-Cruise 3, Anti-slip control (ASR), Full brake assistant, Lane Guard System (LGS), MAN AttentionGuard
- Paver brake braking function
- Turning brake
- Standard control field, inside of driver's door, with door open operated externally, 2 function buttons
- Auxiliary water heater 4 kW (night heater)
- Comfort driver's seat with heating
- Driver's airbag with seat belt tensioner
- Professional instrumentation, 12.3" with driving hours monitor (indicator in instrumentation)
- ICS rotary/push controller (Interior Control System), with direct access buttons and touchpad
- MAN media system Professional Navigation 12.3"
- Online traffic for navigation function
- MAN Advanced sound system

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu

All information without guarantee/techn. changes reserved.



FLIEGL - Push-off dumper ASW Stone Typ 5229



- Technical data
 - Dimensions (LxWxH) approx.: 5,230 x 2,370 x 1,290 mm
 - Bottom plates: 5 mm
 - Side plates: 4 mm
 - Abrasion resistant steel: 400 - 450 HB
 - Volume (slightly piled up) approx.: 17 m³
 - Loading sill height approx.: 2,70 cm
- Extraordinary safety during discharging
- Unproblematic operation even under bridges, power lines, trees and in buildings
- Extremely low center of mass
- Very low loading sill height
- Complete discharge of sticky agents like Stonemastic asphalt, OPA or PMA
- Improved asphalt quality by continuous mixing during discharge
- 2 part hydraulic tailgate
- ProSave-Control unit with remote control
- Retractable Skid plate
- Insulated sliding roof with electric drive
- Thermally insulated from the sides, bottom, front and tail-gate



MAN TRUCKNOLOGY® ROADSHOW 2023

TRS 301

TGS 35.470 8x4 BB CH

MAN ex-works tipper. The new generation.

3-way tipper

MAN chassis specifications

Vehicle number	37E-1770
Order number	8000/ 01057
Empty weight [kg] as per VRC	14,871
Motorisation	D2676 LFA/ Euro 6e
kW/ hp/ Nm	346/ 470/ 2,400
Wheelbase/ overhang [mm]	1,795 + 2,505 + 1,400/ 800
Cab	NN

Drive train

- Gearbox MAN TipMatic® 12.28 OD
- Driving programs: Performance & Efficiency, Offroad, Manoeuvre
- Gearbox functions: Rocking free, MAN EfficientRoll
MAN Idle Speed Driving
- High-performance engine brake, MAN PriTarder® with
MAN EVBec, stages possible
- Front axles straight, parabolic springs, 2x 8 t
- Rear axles AP, i = 4.00, parabolic springs 2x 13 t
- PTO engine-dependent, DIN ISO14, f=1.233, 400/570 Nm
continuous/short
- Tires FA 385/65R22.5 and RA 315/80R22.5, alloy rims

Fittings/ special features

- Fuel tank 390 l left hand side and 35 l AdBlue® on the right
- MAN EasyStart immobiliser
- 2 LED revolving beacons on cab roof
- ABS Offroad, with additional off-road logic
- Anti-slip control (ASR), Full brake assistant, Lane Guard
System (LGS), MAN EfficientCruise 3, MAN AttentionGuard
- Paver brake braking function
- Turning brake
- Mirror-replacement system OptiView
- Standard control field, inside of driver's door, with door open
operated externally, 2 function buttons
- Comfort driver's seat with seat ventilation
- Driver's airbag with seat belt tensioner
- Professional instrumentation 12.3" with driving hours monitor
- ICS rotary/push controller (Interior Control System),
with direct access buttons and touchpad
- MAN media system Professional Navigation 12.3"
- Online traffic for navigation function

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu

All information without guarantee/techn. changes reserved.



MEILLER - TRIGENIUS D421



- Technical data
 - Interior dimensions (LxWxH): 5,600 x 2,420 x 1,000 mm
 - Capacity approx.: 13.6 m³
- Floor 6 mm HBW 500 (HARDOX 500 TUF)
- Front wall 3 mm HBW 450
- M-JET side walls 4 mm HBW 450
- Upper part of tailgate 4 mm HBW 450, lower part of tailgate
6 mm HBW 500 (HARDOX 500 TUF)
- Fixed front wall 1,200 mm high with protective plate
- Left side wall with Bordmatic incl. LED flashing light strip
and control lamp in the cab
- Top- and bottom-hinged right side wall
with spring relief system
- Horizontally divided tailgate with top-hinged upper part and
hydraulic lower part (500 mm) incl. pluggable outlet plates at
the side and control lamp in the cab
- Fixed corner posts left and right
- Load securing package
- 6 lashing eyes in front wall (2 t), 3 in upper row, 3 in lower row
- 5 lashing eyes in the upper part of the side walls (2 t)
- 18 folding, even lashing eyes in floor
(8 t in the corners, 4 t between)
- Access ladder
- Unmounted aluminium ladder with holder on mudguard
- Long handle tool holder
- Small stainless steel tool box
- Hydraulic connections for tipping trailer (double-line)
- Switchable pump at engine-driven PTO
- i.s.a.r.-control remote
- Rear and loading area sight package (2 cameras and
4 LED working lights)
- Electric sliding tarpaulin with tarpaulin canopy
- Hydraulic folding rear underrun protection
- Continuous aluminium mudguards on both sides
with rubber edge
- Contour marking at tipper body and cab
(white at the sides, yellow at the rear)



MAN TRUCKNOLOGY® ROADSHOW 2023

TRS 302

TGS 35.470 8x4 BB CH

So tough. Robust. Reliable.

3-way tipper

MAN chassis specifications

Vehicle number	37E-1059
Order number	8000/ 01061
Empty weight [kg] as per VRC	14.480
Motorisation	D2676 LFA/ Euro 6e
kW/ hp/ Nm	346/ 470/ 2,400
Wheelbase/ overhang [mm]	1,795 + 2,505 + 1,400/ 800
Cab	NN

Drive train

- Gearbox MAN TipMatic® 12.28 OD
- Gearbox functions: Rocking free, MAN EfficientRoll
MAN Idle Speed Driving
- MAN EVBec high-performance engine brake, stages possible
- Front axles straight, parabolic springs, 2x 8 t
- Rear axles AP, i = 4.00, parabolic springs 2x 13 t
- PTO, gearbox-dependent Type NH/4c, f=0.88/1.14
- Tires FA 385/65R22.5 and RA 315/80R22.5, alloy rims

Fittings/ special features

- Fuel tank 300 l left hand side and 35 l AdBlue® on the right
- MAN EasyStart immobiliser
- 2 LED revolving beacons on cab roof
- ABS Offroad, with additional off-road logic
- ESP, Anti-slip control (ASR),
- Tempomat (cruise control, CC)
- MAN EfficientCruise 3
- Lane Guard System (LGS), MAN AttentionGuard
- Paver brake braking function
- Turning brake
- Standard control field, inside of driver's door, with door open operated externally, 4 function buttons
- Comfort driver's seat with seat ventilation and airbag
- Professional instrumentation 12.3", driving hours monitoring
- ICS rotary/push controller (Interior Control System), with direct access buttons and touchpad
- MAN media system Professional Navigation 12.3"
- Online traffic for navigation function
- MAN Advanced sound system



KH-KIPPER - 3-way tipper W3H with hydraulic side wall



- Technical data
 - Dimensions inside (LxBxH): 5,800 x 2,410 x 900 mm
 - Volume approx.: 12.6 m³
- Floor 6 mm HARDOX 450
- Sides 4 mm HARDOX 450, bended
 - Left side hydraulic HYDROBOARD®, opens approx. 180°, 3 cylinders
 - Right side top and bottom hinged, with spring compensation
- Rear wall 4 mm HARDOX 450, top hinged, locks open automatically while tipping, detachable rear shovel with opening limiter
- Underbody hydraulic cylinder with knock-off valve, hard chrome-plated, fitted with a cradle
- Hydraulic piston pump and oil tank
- Aluminium mudguards with rubber mud flaps
- Foldable rear underrun protection
- Foldable ladder on front wall
- Foldable ladder under the body
- Electric Cramaro Galoppino tarpaulin with steel cover
- 4 pairs of lashing rings 2000 daN in the floor, 4 pcs 8000 daN in the corners and 2 pcs 4000 daN on front wall, acc. to DIN 12460
- Brush and shovel with holders
- Rear lights protection made of stainless steel
- Outline markings in accordance with EC
- Indicator of raised body in the cab
- 2x LED-lights on tarpaulin cover and 2x on rear beam
- Toolbox BevoBox

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu



All information without guarantee/techn. changes reserved.



MAN TRUCKNOLOGY® ROADSHOW 2023

TRS 316

TGS 35.510 8x4 BB CH

Tough. Versatile. Reliable.

2-way tipper (thermally insulated)

MAN chassis specifications

Vehicle number	37E-2089
Order number	8000/ 01082
Empty weight [kg] as per VRC	n/a
Motorisation	D2676 LFAF/ Euro 6e
kW/ hp/ Nm	375/ 510/ 2,600
Wheelbase/ overhang [mm]	1,795 + 2,505 + 1,400/ 800
Cab	NN

Drive train

- Gearbox MAN TipMatic® 12.28 OD
- Driving programs: Performance & Efficiency, Offroad, Manoeuvre
- Gearbox functions: Rocking free, MAN EfficientRoll
MAN Idle Speed Driving
- High-performance engine brake, MAN PriTarder® with
MAN EVBec, stages possible
- Front axles straight, parabolic springs, 2x 8 t
- Rear axles AP, i = 4.00, parabolic springs 2x 13 t
- PTO gearbox-dependent, f=0.88/1.14
- Tires FA 385/65R22.5 and RA 315/80R22.5, alloy rims

Fittings/ special features

- Fuel tank 300 l left hand side and 35 l AdBlue® on the right
- MAN EasyStart immobiliser
- 2 LED revolving beacons on cab roof
- ABS Offroad, with additional off-road logic
- Anti-slip control (ASR), Full brake assistant, Lane Guard
System (LGS), MAN EfficientCruise 3, MAN AttentionGuard
- Paver brake braking function
- Turning brake
- Mirror-replacement system OptiView
- Standard control field, inside of driver's door, with door open
operated externally, 4 function buttons
- Comfort driver's seat with armrests and heating
- Driver's airbag with seat belt tensioner
- Professional instrumentation, 12.3" with driving hours
monitor (indicator in instrumentation)
- ICS rotary/push controller (Interior Control System),
with direct access buttons and touchpad
- MAN media system Professional Navigation 12.3"
- Online traffic for navigation function
- MAN Advanced sound system

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu

All information without guarantee/techn. changes reserved.



DAUTEL - Thermo-insulated two-way tipper TZK 4



- Technical data
 - Internal dimensions (LxW): 5,520 x 2,390 mm
 - Side and rear panel height: 1,050 mm
 - Front wall height: 1,050 mm
 - Capacity approx.: 14 m³
- Tipper floor made of 5 mm high-tensile VS 450 steel.
- Front wall made of high-strength fine-grained steel, fixed.
- Side and rear walls, 4 mm inner panel, made of high-strength VS 450 steel. Dautel membrane construction.
- Thermal insulation of the two-way tipper according to DIN 70001, cover plates made of aluminum, riveted and sealed. 2 screwable sealing plugs per side for internal temperature measurement.
- "Bordmatik" side wall on the left, 2-cylinder version with powerful kinematics at the front wall and second cylinder under the tipper body. Self-adjusting fasteners.
- Swinging tail gate with cranked bearing for a high opening and equipped with an automatic locking mechanism.
- Automatic mechanical dosing device in the tail gate – the automatic function can be detached.
- Perforated dosing bar in the chute.
- Grab handle at the tail gate.
- Fixed corner stanchions and fixed chute, on floor-level.
- Hydraulic pump at PTO. Displacement pump with safety circuit at gearbox-independent PTO. Overall safety circuit. Additional bypass valve, relay circuit to the bypass valve with setting of the parameters (speed-controlled safety circuit prevents switching on above 20 km/h).
- Multi-stage hydraulic cylinder with cardanic suspension, all segments hard chrome-plated for best wear- and rust protection.
- Full-length aluminum mudguards, protective rubber rim on the "Bordmatik" side, with rubber splash flaps.
- Underride guard, foldable.
- Marcolin sliding roof system, electrically driven.
- ADR-conform PVC tarpaulin (fireproof) on arched bows.
- Canopy with lateral brackets for the sliding roof.
- Tar Spay Package.
- Contour marking of the tipper in yellow.



MAN TRUCKNOLOGY® ROADSHOW 2023

TRS 321

TGS 35.510 8x4 BL CH

The tipper for the hot stuff.

3-way tipper (thermally insulated)

MAN chassis specifications

Vehicle number	41E-0498
Order number	8000/ 01086
Empty weight [kg] as per VRC	14,630
Motorisation	D2676 LFAF/ Euro 6e
kW/ hp/ Nm	375/ 510/ 2,600
Wheelbase/ overhang [mm]	1,795 + 2,505 + 1,400/ 800
Cab	TN

Drive train

- Gearbox MAN TipMatic® 12.28 OD, Driving program: Efficiency
- Gearbox functions: Rock-free, MAN Idle Speed Driving
- Front axles straight, parabolic springs 2x 8 t
- Rear axles as planetary axles, i = 4.00, air suspension 2x 13 t
- PTO, engine-dependent, f=1.233
- MAN PriTarder with MAN EVBec, stages possible
- Tires Bridgestone FA 385/65R22.5, RA 315/80R22.5 on aluminum rims Alcoa Dura-Bright® EVO

Fittings/ special features

- Fuel tank aluminum 390 l on the left, 35 l AdBlue® on the right
- Front headlights, fog lights, cornering light, rear lights LED
- Driving-light control automatic with light sensor
- Wiper activation automatic with rain sensor
- MAN EasyStart immobiliser
- Steering brake
- Paver brake braking function
- Distance-controlled tempomat (ACC), MAN AttentionGuard, Lane Guard System (LGS), Full brake assistant
- Standard control field, inside of driver's door, with door open operated externally, 2 function buttons
- Auxiliary water heater 4 kW (night heater)
- Comfort driver's seat with armrests and heating
- Driver's airbag, with seat belt tensioner
- Multi-function steering wheel (leather) with parking position
- Professional instrumentation 12.3" with driving hours monitor
- MAN SmartSelect infotainment control with touchpad and direct access buttons
- MAN Navigation Professional media system, 12.3
- Preparation 2 rear-view cameras, one linked to reverse gear

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu

All information without guarantee/techn. changes reserved.



RESSENIG - 3-way-tipper thermoinsulated (DIN70001)

RESSENIG
FAHRZEUGBAU

- Technical data
 - Dimensions (LxWxH): 5,290 x 2,420 x 1,000 mm
 - EURO-pallets width (2,420 mm)
 - Volume of payload approx.: 12.80 m³
 - Height (unloaded): 1,580 mm
 - Weight of tophammer approx.: 4,100 kg
- Subframe reinforced for high stability during tipping process, tipping safety device
- Tipping frame with 5 mm HARDOX, lashing points foldable in the floor section and on framework
- Front panel steel 1,000 mm high
- Side panel 1,000 mm HARDOX 3 mm
 - LHS hydraulic operated with tube hinges
 - RHS manual operated tilt-and swingable operation with central fastening system springbased lifting support device
- Rear panel combined stone flap steel 450 mm (lower) and aluminum steel swing panel (upper)
- Hydraulic operated slide gate for asphalt (300 mm) included operation with remote control
- Hydraulics: multi stage tipping cylinder (hard chrome plated); gimbal mounted
- Hydraulic pump for engine-side drive
- Tipper in thermoinsulated design acc. to DIN 70001
- Canopy electrical foldable
- Accessories:
 - Underrideguard pneumatic foldable
 - Toolbox Aluminum
 - Aluminum lids
 - LED spotlight rearmounted
 - Rear view camera
 - Cargo camera with LED spotlight
- RESSENIG remote-control-unit for all operations incl. engine Start/Stop
- 2-way trailer hydraulics at rear end



MAN TRUCKNOLOGY® ROADSHOW 2023

TRS 320

TGS 35.510 8x6H BL CH

MAN HydroDrive® - The Original.

Rear tipper

MAN chassis data

Vehicle number	59E-0083
Order number	8000/ 01083
Empty weight [kg] as per VRC	14,460
Motorisation	D2676 LFAF/ Euro 6e
kW/ hp/ Nm	375/ 510/ 2,600
Wheelbase/ overhang [mm]	1,795 + 2,505 + 1,400/ 800
Cab	NN

Drive train

- Manually operated gearbox, MAN 16.25 OD
- Front axles straight, parabolic springs, 2x 8 t
- MAN HydroDrive, hydrostatic axle drive (2nd front axle)
- High-performance engine brake, MAN PriTarder with MAN EVBec, stages possible
- Rear axle planetary, i = 4.00, air springs 2x 13 t
- PTO (engine-dependent), f = 1.233
- Tires Bridgestone FA 385/65R22,5, RA 315/80R22,5, alloy rims

Fittings/ special features

- Fuel tank aluminum 390 l right and 35 l AdBlue® left
- 1 cyl. air compressor 360 ccm with economy system
- 3-part steel bumper, front radiator protection grille
- Distance-controlled tempomat (ACC), Lane Guard System (LGS), MAN AttentionGuard
- Construction site package plus
- Wiper activation with rain sensor (automatic wipers)
- 2 revolving beacons on cab roof
- Auxiliary water heater 4 kW (night heater)
- Mirror-replacement system MAN OptiView
- Control panel MAN EasyControl Engine, 2 functions, operable from outside with door open
- Comfort driver's seat, driver's airbag with seat belt tensioner
- Professional instrumentation 12.3", driving hours monitoring
- MAN Navigation Professional media system, 12.3"
- Preparation for rear-view camera



SCHMITZ - Rear tipper body

- Technical data and dimensions
 - Dimensions (LxWxH) approx.: 5.650 x 2.360 x 1.460 mm
 - Volume: 18.6 m³
 - Total tare weight: 3,911 kg
 - Overall trailer width: 2,550 mm
- Bypass valve with motor-side auxiliary drive
- Folding access ladder in front of bulkhead left
- PVC Roll-up tarpaulin with tarpaulin rollup tube, operable from the ground
- With trailer/ body cert. (to §13 EG FGV)
- Manufacturers certificate
- Underride guard acc. to new regulation
- ALU floor chequer plate for battery box Eund Kraftstofftank
- With holder for brush and shovel
- Underride guard, suitability for paver depends on Chassis
- Connection of the already fitted tipper control valve in driver's cab
- With speed parameterisation for activated power take-off
- Connection for tipper warning light in cab. cable already laid, already fitted on truck
- protective mesh for rear lights
- 1 pair continuous plastic mudguards for alu chequered plate
- Steel sidewall 5 mm (SR 5.5/1460mm)
- Steel rounded body (SR) 5.5, height 1460mm
- Longitudinal side fender plates on the body side wall (M.KI)
- Protective roof screwed over the entire width of the body
- Steel tailgate on the frame, 17° inclined with 2 hooks locking and surrounding sealing
- Reflecting tape to rear, colour: red
- Reflecting tapes on sideboards, colour: white
- Contour markings on side of driver's cab without logo, colour analogue body



Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu



MAN TRUCKNOLOGY® ROADSHOW 2023

TRS 322

TGS 41.510 8x4 BB CH

The tipper for the rough stuff.

Rear tipper

MAN chassis data

Vehicle number	39E-1143
Order number	8000/ 01085
Empty weight [kg] as per VRC	n/a
Motorisation	D2676 LFAF/ Euro 6e
kW/ hp/ Nm	375/ 510/ 2,600
Wheelbase/ overhang [mm]	1,795 + 2,505 + 1,400/ 800
Cab	TN

Drive train

- Gearbox MAN TipMatic® Offroad 12.28 OD, driving programs: Performance & Efficiency, Offroad, Manoeuvre
- Gearbox functions: MAN Idle Speed Driving, Rocking free, MAN Efficient Roll
- MAN PriTarder®
- Front axles straight, parabolic springs, 2x 8 t
- Rear axle planetary, i = 4.00, parabolic springs, 2x 13 t
- PTO (engine-dependent), f = 1.233
- Tires FA 385/65R22,5, RA 315/80R22,5, alloy rims

Fittings/ special features

- Fuel tank 300 l right and 35 l AdBlue®
- MAN EasyStart immobiliser
- 1 cyl. air compressor 360 ccm with economy system
- 3-part steel bumper, front radiator protection grille
- Distance-controlled tempomat, Lane Guard System (LGS), MAN AttentionGuard
- Wiper activation with rain sensor (automatic wipers)
- 2 revolving beacons on cab roof
- Auxiliary water heater 4 kW (night heater)
- Control panel MAN EasyControl Engine, 2 functions, operable from outside with door open
- Comfort driver's seat with climate control, driver's airbag
- Professional instrumentation 12.3", driving hours monitoring
- MAN SmartSelect infotainment control with touchpad and direct access buttons
- MAN media system Professional Navigation 12.3"
- Preparation for 2 rear-view cameras, one camera linked to reverse gear



EMPL - 2-way rock tipper body



- Technical data and dimensions
 - Interior dimensions (LxWxH) approximately: 5.600 x 2.340 x 950 mm
- Subframe made of steel profiles
- Body made from high-strength special steel, floor 8 mm, fixed side wall 5 mm in driving direction right
- Flappable side wall in driving direction left, 6 mm thick
- 4 foldable lashing hooks 2000 daN floor integrated
- 4 tailgate supports for excavator transport
- 1 pair of foldable lashing rings 2000 daN embedded in the bulkhead
- Aluminum checker plate lining of the fuel and hydraulic oil tank
- Rear light protection made of aluminum checker plate
- Mudguards made of aluminum checker plate
- Tool box made of stainless steel, lockable and sealed
- 1 piece of aluminum storage tray above the fuel tank
- Foldable underride guard
- Hooks for storage of snow chains in the rear overhang
- Optical warning signal in the driver's cab when the tipper body is raised
- Shovel and broom with storage bracket
- Constant pressure hydraulic pump with by-pass valve

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu



MAN TRUCKNOLOGY® ROADSHOW 2023

TRS 328

TGX 26.510 6x2-4 BL CH

Comfortable and manoeuvrable.

Roll-off skip loader



MAN chassis specifications

Vehicle number	19F-1804
Order number	8000/ 01094
Empty weight [kg] as per VRC	11,944
Motorisation	D2676 LFAF/ Euro 6e
kW/ hp/ Nm	375/ 510/ 2,600
Wheelbase/ overhang [mm]	4,800 + 1,350/ 2,600
Cab (headroom internal)	GM (1,860 mm)

Drive train

- Gearbox MAN TipMatic® 12.26 DD with Retarder 35, driving programs: Performance & Efficiency, Offroad, Manoeuvre
- Gearbox functions:
 - Rocking free, MAN EfficientRoll, MAN Idle Speed Driving
- Front axle dropped, parabolic springs, 8 t
- Rear axle Hypoid, $i = 2.71$, air springs, 12 t
- High-load roll stabilisation for rear axle (stabiliser, 4pointlink)
- Trailing axle relievable, liftable with air suspension, 8 t
- PTO (engine-dependent), flywheel, spline hub (DIN ISO 14), $f=1.233$, 400/570 Nm continuous/short
- Tires Michelin FA/TA 385/65R22.5, RA 315/80R22.5, alloy rims

Fittings/ special features

- Fuel tank aluminum 590 l right and 60 l AdBlue® left
- MAN EasyStart immobiliser
- Air compressor, 2-cylinder, 720 ccm with economy system
- ASR, EBA, ESP, Distance-controlled tempomat (ACC) with stop-and-go function, MAN Efficient-Cruise 3, Lane change support LCS and turn assist, Lane Guard Assist (LGA), MAN Attention Guard, Full brake assistant
- MAN ComfortSteering
- Mirror-replacement system OptiView
- Standard control field, inside of driver's door, with door open operated externally, 4 function buttons
- Digital axle load display (ALM) for air-sprung axles
- Comfort driver's seat with seat ventilation
- Driver's airbag, with seat belt tensioner
- Professional instrumentation, 12.3", ICS rotary/ push controller (Interior Control System) with direct access buttons and touchpad
- MAN media system Professional Navigation 12.3"

MEILLER - Hooklift TECTRUM RS21.70



- Technical data and dimensions
 - Technic possible payload max.: 21,000 kg (incl. container)
 - Hook height: 1,570 mm
 - Locking dimension: 3,890 mm
 - Container length min. - max.: 4,750 - 7,000 mm
 - Container length (shortest, tiltable): 5,000 mm
- Innovative efficiency package comprising automatic, load-dependent quick movement during extension and fast speed movement during retraction of the hook arm, soft stop for smooth positioning of the container onto the base frame as well as sequence control for i.s.a.r.-control remote
- i.s.a.r.-control remote with engine start/stop
- Variable displacement pump at engine-driven PTO
- Hydraulic interior locking system
- Cover for hydraulic locking system and hoses made of 3.5 mm aluminum checker plate at the rear
- Oil tank with return flow filter
- Additional support for short containers
- Hydraulic scissors-type underrun protection
- Stainless steel tool box
- Stainless steel net box
- Multifunctional plates at the rear
- 2 folding A-plates
- 2 ECE markings at the rear
- 2 LED working lights at the rear
- Rear area camera
- Contour marking

Contact

MAN Truck & Bus SE
MAN Truck Forum / Branchen Competence Center
Dachauer Straße 570, 80995 Munich
E-Mail: TRS@man.eu

