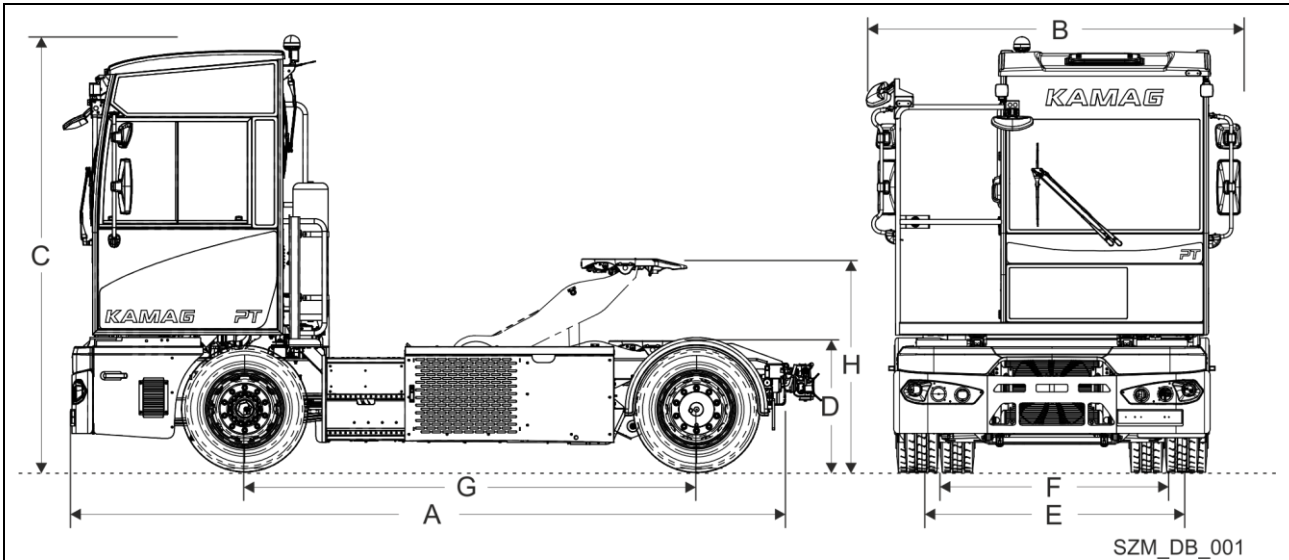


TECHNICAL DATA SHEET Mat-Nr. 64358548
Revision B

Terminal Tractor KAMAG PT



* Figure includes options

Type designation	SZM 28-E5
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Dimensions				
Tyres			280/75 R22,5	295/60 R22.5*
A	Total length	[mm]	5,619	
B	Total width	[mm]	2.497	
	With exterior mirrors		2.952	
C	Total height	[mm]	3,262	3,246
	With LED warning beacon (removable)		3,380	3,364
D	Chassis height	[mm]	1,002	986
	Lowered with air suspension on the rear axle		975	959
E/F	Track width front axle / rear axle	[mm]	2,051 / 1,838	
G	Wheel base	[mm]	3,553	
H	Height of raised fifth wheel	[mm]	1,647	1,631
	Lowered with air suspension on the rear axle		1,622	1,606
	Ramp angle at front	°	13	12
	Slope angle at rear	°	34	33

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Subject to technical changes / Figure may include options

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Electrical system		
Vehicle voltage	[V]	24
Batteries		2x 12V / 90Ah

Payload, weights and axle loads with tyres 280/75 R22.5			
Maximum speed	[km/h]	25	40
Permissible axle load	[kg]	At front 11,000 / at rear 28,000	At front 10,000 / at rear 24,000
Permissible payload	[kg]	28,000	24,000
Permissible total weight	[kg]	36,000	32,000
Dead weight, approx.	[kg]	8,000	

Payload, weights and axle loads with tyres 295/60 R22.5*			
Maximum speed	[km/h]	25	40
Permissible axle load	[kg]	At front 8,600 / at rear 17,200	At front 7,750 / at rear 15,500
Permissible payload	[kg]	15,600	13,700
Permissible total weight	[kg]	23,600	21,700
Dead weight, approx.	[kg]	8,000	

Height-adjustable fifth wheel			
Tyres		280/75 R22,5	295/60 R22,5*
Payload	[to]	28 / 25km/h	28 / 5km/h
Lifting height	[mm]	645	
Lifting speed (empty)	[mm/s]	50	

Fifth wheel			
Manufacturer type		SAF Holland FW3510-TR	
Max. technical payload	[to]	36	
Plug	[Inches]	2	

Engine			
Manufacturer / Type		Deutz / TCD 6.1 L6	
Exhaust emission standard		Euromot 5	
Engine performance at 2,300 r.p.m.		180kW / 245 HP	
Max. torque at 1,450 r.p.m		1000 Nm	
Fuel tank – fill level	[l]	200	
AdBlue tank – fill level	[l]	20	

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Drive system			
Drive type		Hydrostatic	
Drive axle		Rear axle	
Max. travel speed	[km/h]	40	
Max. pulling force	[kN]	36.2	
Max. uphill gradient when starting from standstill	[to]	40	77
	[%]	8.57	4.44
Max. uphill gradient at 10 km/h	[to]	40	77
	[%]	9.24	4.8

Axles and Tyres			
Number of axles	[Pcs.]	2	
Tyre type and size		Terminal tyres 280/75 R22.5 (standard)	
		295/60 R22,5 (option)	
Number of front axles/rear axles		2 / 4	
Front axle		Kamag steering axle (11to at 25km/h)	
Suspension – front axle		Leaf spring with shock absorber	
Rear axle		Rigid drive axle	
Suspension – rear axle		Without suspension (standard)	
		Air suspension with shock absorber (option)	

Brake system			
Service brake	-	Pneumatic dual-circuit brake system with EBS	
Service brake – front axle		Disc brake	
Service brake – rear axle		Drum brake	
Air volume incl. additional consumer	[l]	160	

Steering			
Steering mode	-	Hydraulic steering (Orbitrol)	
Turning radius (inner / outer)	[mm]	2,787 / 7,100	

Hydraulics			
Hydraulic tank – capacity	[l]	170	
Filter	[mm]	Integrated return filter	

Environment			
Operating temperature	[°C]	-20 to +45	

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TECHNICAL DATA SHEET

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Revision B

Terminal Tractor KAMAG PT

Standard equipment of chassis
Front protection plate
Draw bar coupling at front
Ergonomic access on left and right
Lighting according to ECE
Two LED working lights on the operating panel, light pointed toward the rear, can be swivelled laterally
Connection for brake line (yellow) and reserve line (red), incl. spiral hose and coupling head
EBS socket for fifth wheel
Plug socket for the semi-trailer lighting
Side boxes on the left and right with maintenance flaps
Solid fifth wheel coupling aids located behind the fifth wheel platee plate
Non-slip treads in the work area
Plastic rear fenders
Plastic wheel chock

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Terminal Tractor KAMAG PT

Standard equipment of the driver's cabin
Cabin tested according to ECE R29
Ergonomically designed panoramic cabin for one person
Cabin mounted decoupled from the chassis on rubber-metal mounts
Manual cabin tilting device via hydraulic hand pump
Two vehicle keys
Locking device for open cabin door
Air-suspended driver's seat with three-point belt, seat heating and adjustable lumbar support (ISRI)
Mechanical steering wheel lock
Steering column adjustable in terms of length and angle
Exterior mirror heated and electrically adjustable
Heated wide-angle mirror
Rear view mirror in the driver's cabin
Combo case (first-aid box, warning triangle, reflective vest)
Emergency hammer with belt cutter
Solar protection glazing
Sliding window on the driver's side, can be opened to the front and rear
Roller blinds for windscreen
Bottle holder for 1.5-litre bottle
Cup holder located left in the front of the dashboard
Coat hook
Storage compartment above windscreen
Handhold on the dashboard
Ergonomic footrest on the left
Padded ergonomic armrest on right-hand side of the centre console
Ergonomic multifunctional joystick on the centre console
7-inch multifunctional display integrated in the steering column
Radio preparation consisting of DIN slot with panel, 24V power supply and DAB antenna
Two loudspeakers in the ceiling panelling
USB port in the centre console
24V plug socket in the centre console
Warm water heating
LED warning light on the driver's cabin roof
Interior light in the driver's cabin

*Optional

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