

LM-Trac 587

ENGINE

Brand	Kohler
Model	KDI 2504
Emission class	EU Stage 3B / EPA Tier IV Final
Type	4-cylinder turbo charged diesel in-line engine
Cylinder displacement	2480 cm ³
Power	55,4 kw (75 hp) / 2600 rpm
Torgue	300 Nm / 1500 rpm

POWER TRANSMISSION

Type	Hydrostatic four-wheel drive Engine load sensitive hydraulic
Drive pump	Linde HPV 75-02 R E1 E PTO B Max. Output 143/min Max pressure 420 bar Electronic control
Max pulling force	32 kN
Constructional driving speed	
Backward and forward	0-40km/h
Reversal	Electric hydraulic
Other	Articulated shaf max angle 22,5°

WEIGHT AND DIMENSIONS

Unloaden weight front/back	3850kg, 1760kg/2090kg (46%/54%)
Max front axel mass	4700kg/40 ^{km} / _h , 5600kg/10 ^{km} / _h
Max rear axel mass	4700kg/40 ^{km} / _h , 5600kg/10 ^{km} / _h
External dimensions	Lenght=4200mm Width= 1715mm Height=2280mm (Without rotary warning light)
Other	Figures without rear lifter

AXELS

FRONT

Static load bearing capacity	110kN
Dynamic load bearing capacity	55kN
Inclination	-
Lock	Electro-hydraulic controlled 100%
Other	

REAR

Static load bearing capacity	110kN
Dynamic load bearing capacity	55kN

Inclination	+/-10°
Lock	no

TYRES

FRONT

Brand, model	Nokia TRI 2
Size	340/80 R18
Load bearing capacity	2360kg/65 ^{km} /h
Other	

REAR

Mark, model	Nokia TRI 2
Size	340/80 R18
Load bearing capacity	2360kg/65 ^{km} /h

ELECTRICAL SYSTEM

Generator	14V 70A
Accumulators	1kpl 12V 145 Ah
Start motor	12V 2,2kW
Other	

FILLING CAPACITIES

Fuel tank	77 l
Hydraulic oil tank	110 l
Other	

BRAKES

Drive brake	Wet-disc brakes front and rear axel
Parking brakes	Effect to front and rear axle, electro-hydraulic

STEERING

Type	Hydrostatic articulated.
Turning angle	+/-45°
Turning radius	inside 1600mm, outside 3400mm
Control	Dynamic LS-Orbitrol drive valve.

Outer turning radius	3233mm
Steering from side to side	4,7 rounds

WORK HYDRAULICS

Pump	Sauer Danfoss 45cm ³ variable displacement pump
Flow and pressure	130 ^l / _{min} ,200bar
Motorhydraulics	0-100 ^l / _{min} Stepless control

Filtering	Returning filter
Control	Electrical controlled proportional valves

FRONT LIFTING MECHANISM

Options for instant fastening	Kunta500, Trima, Volvo, Vila.
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Lifting power *500mm from	258cm 13,7 kN
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fastening	115cm 19,5 kN
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*-marked values Kunta500 instant fastenings and 850l:n Sandbucket.

* Dump weight machine straight	16,5 kN
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* Dump weight machine in 45 degree	12,8 kN
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* Disconnecting power	
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* Dumping height	2200mm
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* Dumping distance	835m
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* Filling angle	40°
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* Dumping angle	40°
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Control	Electrical controlled proportional valves
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Fastening of work appliance (imple	Hydraulic
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Other	Hydraulic folation for frontloader
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REAR LIFTING MECHANISM

Options for instant fastening	Kunta500, Trima, Vila.
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Lifting power on instant fastening up and down	15kN / 15kN
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Other	
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CABIN

Other	Safety cabin approved by ISO3471.
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NOISE

Inside	68dBA
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Outside	100dBA
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Other	
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