

ML 150E25WS - EURO VI - MODEL YEAR 2015

Weights (kg)

Wheelbase (A)	3240 MLC	3690 MLC	3915 MLC	4150 MLC	3690 MLL	3915 MLL	4150 MLL
Total vehicle kerb weight	5855	5880	5930	6025	6010	6060	6155
Kerbweight - F.A.	3880	3920	3925	3945	4030	4035	4055
Kerbweight - R.A.	1975	1960	2005	2080	1980	2025	2100
G.V.W. (EC)	15000	15000	15000	15000	15000	15000	15000
Plated weight on front axle (EC)	5700	5700	5700	5700	5700	5700	5700
Plated weight on rear axle (EC)	10000	10000	10000	10000	10000	10000	10000
Max body & Payload (EC)	9145	9120	9070	8975	8990	8940	8845

Notes:

Weights and dimensions: with driver, tool kit and accessories, standard tyres, gearbox and longest overhang. Fuel tank and urea tank brimmed.

Fuelling :

Fuel tank : capacity 120 LT , plastic.

Filter, fuel pump, prefilter, fuel separator.

Adblue tank capacity : 30 l.

Mechanical suspensions :

Front axle : Parabolic springs - No. of leaves : 3

2 shock absorbers - stabilizer bar.

Rear axle : Parabolic springs - No. of leaves : 2+2

2 shock absorbers - stabilizer bar.

Braking system : Drums - Duo Duplex.

Type.....Air / hydraulic. Two independent circuits.

Service brake.....ABS.

Parking.....Spring parking brake on rear axle.

Exhaust brake.....Standard.

Air drier.....Standard.

Drawings:

wb 3240 : 5801965273

wb 3690 : 5801965274

wb 3915 : 5801965275

wb 4150 : 5801965276

CABIN FEATURES :

Interior equipment:

- Interior lights.
- Spot lights.
- Storage compartments.
- CB / Radio wiring.
- Loud speakers.
- Shelves at floor level below seats.
- Tipping central back: it can be tipped and made into a small table.

Exterior equipment:

- front bumper with steps, mudguard, front grille.
- Handles on both sides.
- External engine starter (when cab is tilted) including safety device.
- side spoilers as splash protection.
- Led DRL (Daytime Running Lights).

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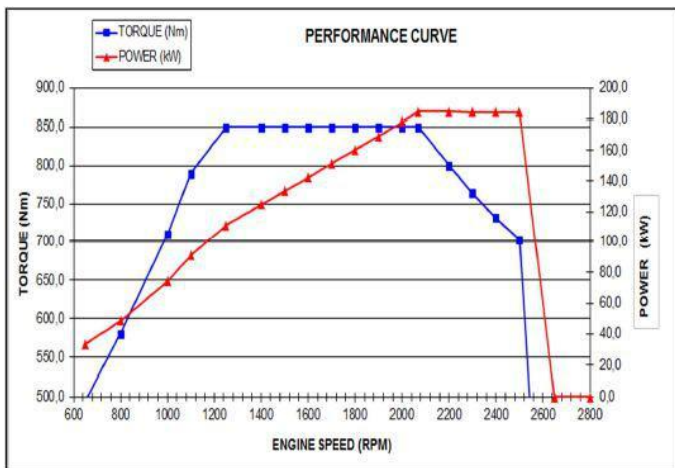
Model Components

Engine	
Commercial name	TECTOR
Position	FRONT
Cycle	DIESEL
Aspiration type	TC+AFTERCOOLER
4 Stroke / 2 Stroke cycle	4
No. of cylinders	6
Cylinders layout	IN-LINE
Total displacement cm ³	6700
Oil capacity (l)	10.9
Type of fuel	DIESEL OIL
Injection system	HIGH PRESSURE / COMMON RAIL
Injection governor type	ELECTRONIC INTEGRATED WITH ECU
Cooling system	water
Cold starting type	THERMOSTARTER
No. of tanks	1
Tank position	RIGHT SIDE
Cooling system	water
Filter type	DRY

Notes :

Conformity with Euro 6 standards : all vehicles are equipped with the SCR (Selective Catalytic Reduction) system, an AdBlue dosing system and a catalytic converter.

Kinematic Chain



250 T6 - Tector 7 SCR 6,7 lt - 6L

Power kW	185
Power Hp	250
Rpm at Max Power	2500
Rpm at Max Torque	2500
Torque Nm	850
Rpm 1/min (min)	1250
Specific consumption-max power g / kWh	215
Specific consumption-max torque g / kWh	197
(min. "Max Torque" eng. speed) rpm	1250
(min. "Max Torque" eng. speed) rpm	1250

Gearbox

	Gearbox Type	Installation	Box material	Total ratio speed	Dry weight Kg	Coupling control	Max input torque Nm	No. of gears (forward)	No. of reverse gears
6S 800 TO	SYNCRONIZED	ENGINE FLANGED	ALUMINIUM	8.44	124	MANUALLY OPERATED	850	6	1

Gear ratios

	1st	2nd	3rd	4th	5th	6th	rev.1st										
6S 800 TO	6.58	3.6	2.12	1.39	1	.78	6.06										

Clutch

	Type	Adjustment	Outer diameter mm	Outer diameter (inches)	Release control	
6S 800 TO	SINGLE DRY PLATE	AUTOMATIC	395	15.5"	MECHANICAL/HYDRAULIC	

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Model Components

Servoshift - lever on dashboard.

On Eurocargo " Model Year 2015 " all clutches are " push type" with the exception of the Gearbox ZF 12AS-1210 that is " pull type".

Clutch assistance: midi-servo.

Axles

Position	Description	Type
Front	5956 - Iveco driving axle	
Rear	451146/1 - Iveco H.R. rear axle	RIGID

Frames

	3240	3690	3915	4150
Front crossmembers	BOLTED	BOLTED	BOLTED	BOLTED
Middle crossmember	RIVETED	RIVETED	RIVETED	RIVETED
Rear crossmember	RIVETED	RIVETED	RIVETED	RIVETED
Frame section	PARALLEL	PARALLEL	PARALLEL	PARALLEL
Section shape	"C"	"C"	"C"	"C"
Side members material	STEEL	STEEL	STEEL	STEEL

Tyres & Wheels

Code	Tyres	Front	Rear	Dinamic Radius m	Rolling resistance Coefficient	Mounting system	Rolling circumference m
20115	Optional	395/85R20	395/85R20	.573	.007	single	3.599
20168	Optional	14,00R20	14,00R20	.607	.009	single	3.812

Wheels	Rim type	DISC	Rim material	STEEL

Rear Axle Ratio

Option code	02015	06013	06035	06039	06041
Ratio	6.95	5.326	6.34	7.73	8.28

*: Standard axle ratio

VMM strengthened Transfer Box

Type	
Model	TC 850
Type	3 shafts
OFF ROAD Low Ratio	1.94
ON ROAD Normal Ratio	.99

Battery

Electrics	
Voltage V	24
Starter power kW	4.4
No. of batteries	2
Batteries capacity V/Ah	12 / 143

Notes:

Standard battery for EuroCargo from ML140E.. up to ML180E.. and for Scudbus CC150E...

Standard battery for EuroCargo from ML110E..W (4x4) up to ML150E..W (4x4)

Option battery for EuroCargo from ML60/65E.. up to ML120EL... and for Scudbus CC80/90 (Camper)

