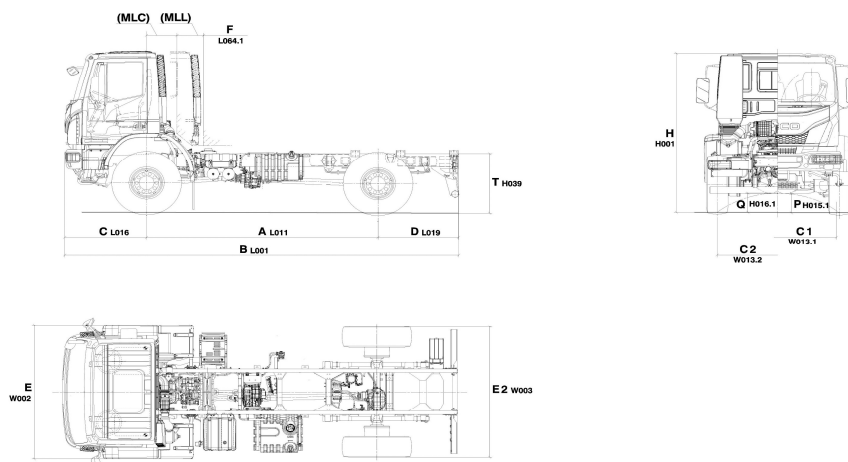


ML 150E28WS EURO 3

Rigid 4x4



WEIGHTS (kg.)	G.V.W	G.C.W	Front axle	Rear axle
Design weights (std.)	15000	18500	5700	10000
Design weights (opt.)	15000	24000	5700	10000

KERBWEIGHTS (kg.) cab / wb.	MLC	3240	3690	3915	4150	MLL	3690	3915	4150
Front axle		3633	3788	3697	3697		3790	3805	3806
Rear axle		1775	1855	1814	1860		1860	1849	1892
Total		5408	5643	5511	5557		5650	5654	5698
PAYLOAD (kg.) @ G.V.W. 15 t		9592	9357	9489	9443		9350	9346	9302

DIMENSIONS (mm)		MLC				MLL			
A	Wheelbase	3240	3690	3915	4150	3690	3915	4150	
B	Overall length (over bumpers)	5993	6643	6668	7480	6643	6668	7480	
C	Front overhang	1387	1387	1387	1387	1387	1387	1387	
D	Rear overhang	1358	1358	1358	1935	1358	1358	1935	
E	Cab width	2490	2490	2490	2490	2490	2490	2490	
E2	Max width over wings (cab)	2429	2429	2429	2429	2429	2429	2429	
F	Cab gap	515	515	515	515	965	965	965	
H	Cab height (unladen)*	3077	3072	3075	3075	3072	3072	3072	
T	Frame height at rear frame end	1339	1332	1330	1342	1332	1330	1342	
α	Approach angle (°)	29	29	29	29	29	29	29	
γ	Ramp angle (°)	39	32	31	31	32	31	31	
β	Departure angle (°)	16	16	16	11	16	16	11	
	Frame thickness	6	6	6	6	6	6	6	
	Turning circle (kerb to kerb)	13380	14920	15700	16520	14920	15700	16520	
	Turning circle (wall to wall)	14400	15960	16720	17540	15960	16720	17540	
C1	Front track	2058	2058	2058	2058	2058	2058	2058	
C2	Rear track	2043	2043	2043	2043	2043	2043	2043	
P	Ground clearance (front)	390	390	390	390	390	390	390	
Q	Ground clearance (rear)	390	390	390	390	390	390	390	

TYRES	Code	Dimension		Load index
		Front	Rear	
Standard	20115	395/85 R 20	395/85 R 20	168
Option	20168-20169-20170	14.00 R 20 TL/TT/RFL	14.00 R 20 TL/TT/RFL	164
Option	20572	385/65 R 22,5	385/65 R 22,5	164

NOTE: Weights are to standard specification and include water, oils, tool box, jack and driver. Kerb weights are subject to a manufacturing tolerance of +/- 5%.

IVECO

EUROCARGO

ML 150E28WS EURO 3

ENGINE

Turbocharger	IVECO TECTOR F4AFE611K*R
Cylinders in line	Fix geometry with wastegate valve
Bore (mm)	6
Stroke (mm)	104
Capacity (litres)	132
Max power (HP/kW)	6728
@ rpm	280/207
Max torque (Nm-kgm)	2500
@ rpm	1000/102
Engine Brake Power	1250-1950
@ rpm	150Kw -200hp
Cooling fan	2800
Injector system	Viscostatic
Speed limiter	Electronic common rail
	90kmh

GEARBOXES

Ratios	ZF 6S 1000 TO	ZF 6S1005 TO + PTO	ZF A8P 1000
1st	6,75	6,75	4,89
2nd	3,6	3,60	3,123
3rd	2,12	2,12	2,033
4th	1,39	1,39	1,639
5th	1,00	1,00	1,254
6th	0,78	0,78	1
7th			0,84
8th			0,64
Rev	6,06	6,06	4,25

PERFORMANCE

Efficiency 0,90 Off road slow

Type: ZF 6S 1000 TO

Axle ratios available	6,95	5,72	6,34	7,73	8,28
Geared speed (km/h)	51,35	62,39	56,29	46,2	43,1
Gradeabil. % @15t GVW	100	100	100	100	100

Type: ZF 6S1005 TO+PTO

Axle ratios available	6,95	5,72	6,34	7,73	8,28
Geared speed (km/h)	51,35	62,39	56,29	46,2	43,1
Gradeabil. % @15t GVW	100	100	100	100	100

Type: ZF A8P 1000

Axle ratios available	6,95	5,72	6,34	7,73	8,28
Geared speed (km/h)	62,68	76,15	68,71	56,4	52,61
Gradeabil. % @15t GVW	96,97	69,66	82,06	100	100

CLUTCH

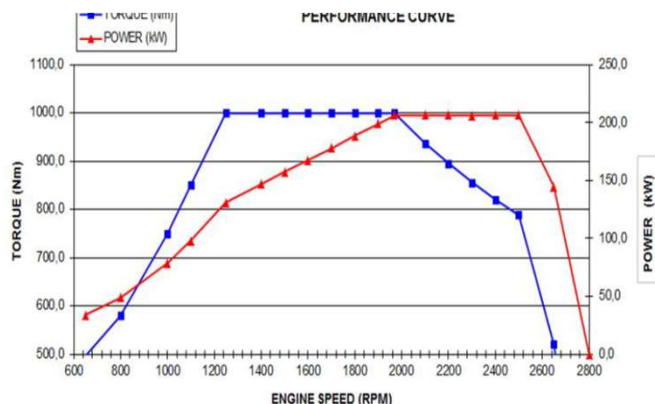
Single dry plate	Automatic adjustment
Dimension 15,5" (395 mm)	Release control mechanical / hydraulic

BRAKES

Type	2 independent pneumatic circuits
Service	A.B.S. + A.S.R
Front axle	Drum: 381 diameter x 178 mm width
Rear axle	Drum: 381 diameter x 178 mm width
Parking	Mechanical with spring cylinder, rear.
Emergency	Combined with parking brake.
Air reservoirs	2 x 20 litres, steel
Engine brake	Standard exhaust brake
Air compressor	360 cc - single cylinder
Air dryer	Air Processing Unit

TRANSFER BOX

Type	TC 1100
Off road low ratio	1,94
On road normal ratio	0,99



ELECTRICS

Tension	24v negative earth return
Alternator	24v, 90A
Starter	24v, 4 kW
Batteries	2 x 12v, 120Ah
Circuits protected	By fuse
System	Multiplex - CAN line data bus

SUSPENSIONS

Front	Parabolic
Rear	Parabolic
Anti roll bar	Front & rear
Shock absorbers	2 on front, 2 on rear

STEERING

Type	Power assisted
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AXLES

Front	Iveco 5956 HR. Rigid.
Rear	Iveco 451146/1. Hub reduction.
Differential lock	Front and rear

FUEL TANK

Wb 3240	120lt. Plastic, lockable fuel cap.
Wb 4150	180lt. Steel, lockable fuel cap.
Wb 3690-3915	200lt. Plastic, lockable fuel cap.

CAB

Forward control MLC-MLL day cab. Rear cab air filter. Snorkel air intake. Hand clothes (only cab MLC). Manual cab tilting. Roof in standard color. Cab rear without windows. Cruise control. Driver door sunblind. Fabric air suspended driver seat. Front manouvring fork hook. Standard cab heating. Manual mirrors not heated. Fabric interior trim. Jack. 2 keys + immobilizer. 88/321 EC compliant regulation external view mirrors. Mirrors arms max 2300mm. Fabric dual passengers seats (only cab MLC). Provision radio. Manual roof hatch. Noise reduction CE92/97. Standard cab trim. Soft touch foam steering wheel. Sunvisor film. Mph/kmh speedometer. Standard toolkit. 24/12V convertor. Warning triangle. Expansion module (only GB 6S 1005+PTO). 2 way adjustable single passenger seat (only cab MLL).

CHASSIS

Ladder construction. Pressed steel side members and riveted and bolted cross members heigh x width 252x70

NOTE: The information in this literature is intended to be of a general nature only. Iveco reserves the right to modify or change specification at any time.