

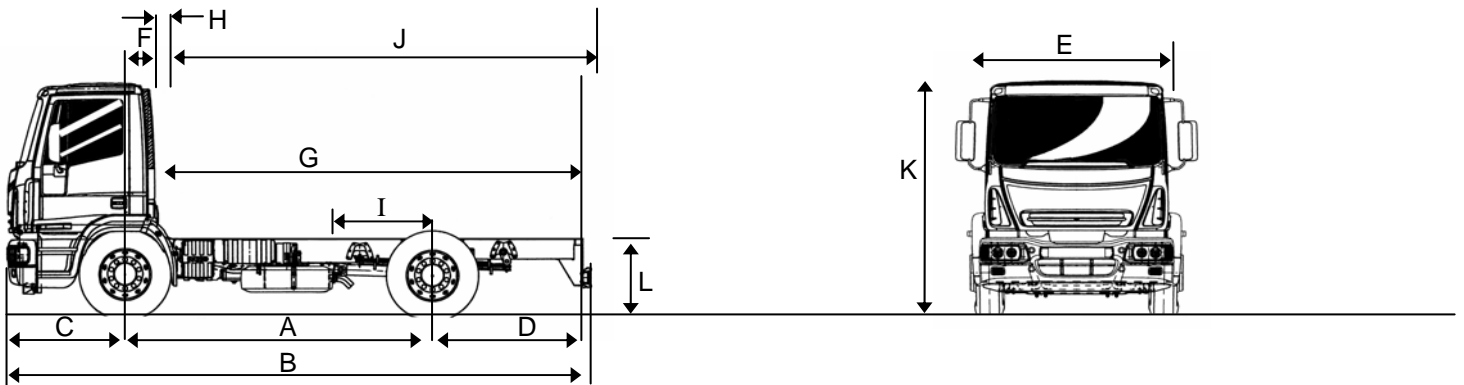
IVECO

EuroCargo

ML150E21H



4x2 Rigid - day and sleeper



PLATED/DESIGN WEIGHTS (kg)		GW	GCW	Front Axle	Rear Axle			
Plated weights		15000	18500	5400	10900			
Design weights		15000	18500	5400	10900			
A GTW of 28000kgs is permissible provided the 9-speed gearbox and a drawbar pack are specified. (430 Tow vers.; ISO trailer plug 1473 7pin/2085 15pin; D=70 kN automatic hook 3150 50mm/ 5153 40mm; 6153 rear cross member + 7806 Ringfeder brand)								
KERBWEIGHTS (kg) Day Cab		3105	3690	4185	4590	4815	5175	
Front		3295	3305	3325	3355	3370	3395	
Rear		1850	1890	1905	1940	1955	1960	
Total		5145	5195	5230	5295	5325	5355	
MAXIMUM BODY/ PAYLOAD (kg) Day cab		9855	9805	9770	9705	9675	9645	
DIMENSIONS (mm)								
A	Wheelbase	3105	3690	4185	4590	4815	5175	
B	Overall length (over bumpers)	day	5684	6269	6944	7686	8114	8744
		sleeper	N/A	6269	6944	7686	8114	8744
C	Front overhang	1352	1352	1352	1352	1352	1352	
D	Rear overhang	day	1133	1133	1313	1650	1853	2123
		sleeper	N/A	1133	1313	1650	1853	2123
E	Cab width ((over bumper lamps)	2495	2495	2495	2495	2495	2495	
F	C/line f/axle to back of cab equip	day	265	265	265	265	265	265
		sleeper	N/A	845	845	845	845	845
G	Back of cab to end of frame	day	3973	4558	5233	5975	6403	7033
		sleeper	N/A	3878	4653	5395	5823	6453
H	Cab gap	day	120	120	120	120	120	120
		sleeper	N/A	120	120	120	120	120
J	Recommended body length	day	3900	4400	5100	5700	6100	6600
		sleeper	N/A	3860	4200	4800	5100	5600
K	Cab H (unladen) (Long - 4mm)	2869	2869	2868	2867	2867	2866	
L	Frame height Short cab (Long)		1166	1161	1164	1166	1168	
				(1161)	(1162)	(1165)	(1168)	(1169)
	Frame thickness	6	6	7.7	7.7	7.7	7.7	
	Turning circle (wall to wall)	12540	14320	15820	17060	17740	18840	
	Min ground clearance Frt/Rr	306/338						
TYRES & WHEELS		Tyre Code	Tyre Size		Tread		Wheels	
			Front	Rear	Front	Rear	Front	Rear
Standard	MIX	20213	10.00R20	10.00R20	On/Off	On/Off	20x7.50	20x7.50
Option	MIX	20359	11.00R20	11.00R20	On/Off	On/Off	20x8.00	20x8.00
	MIX	20757	12R22.5	12R22.5	On/Off	On/Off	22.5x8.25	22.5x8.25
	C	20498	295/80R22.5	295/80R22.5	On Road	Traction	22.5x8.25	22.5x8.25
	MIX	20370	11R22.5	11R22.5	On/Off	On/Off	22.5x7.25	22.5x7.25

Tyre Mission Codes: A = Long distance; B = Regional; C = Multipurpose;

NOTES

Weights are to standard specification and include water, oils and 20 litres of fuel but exclude driver, spare wheel, carrier and chocks. Kerb weights are subject to a manufacturing tolerance of +/-5%. A sleeper cab standard roof adds 130kgs (115/15kgs) to the kerb weight.
February 2005 – E.E. - Provisional

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ENGINE

Iveco tector F4AEO681D°C	
Turbocharged and intercooled	
Cylinders	6
Bore (mm)	102
Stroke (mm)	120
Capacity (litres)	5.88
Power (PS/kW)	210/154
@ rpm	2700
Torque (Nm/lbft)	680/502
@ rpm	1200-2100
Rating	Euro 3
Governor	All speed
Cooling fan	Viscodynamic
Fuel system	Bosch common rail
Speed limiter	Driver programmable to 90kmh
Cruise control	On request (-2463-)

GEARBOXES

	Iveco	Iveco
	2865S.6	2870S.9
1 st	9.01	13.20
2 nd	5.02	9.04
3 rd	3.21	6.47
4 th	2.07	4.69
5 th	1.37	3.55
6 th	1.00	2.55
7 th		1.82
8 th		1.32
9 th		1.00
Rev	8.17	11.98

PERFORMANCE

(with STD tyres)

Iveco 2865S.6 gearbox			
Axle ratios available	5.33	4.82	5.72
Geared speed (kmph)	97.5	107	90
Gradeability % @ GVW	39.0	34.7	42.4
Gradeability % @ 18500 kg GCW	30.7	27.4	33.2
Iveco 2870S.9 gearbox			
Axle ratios available	5.33	4.82	5.72
Geared speed (kmph)	97.5	107	90
Gradeability % @ GVW	63.3	55.2	70.2
Gradeability % @ 18500 kg GCW	48.0	42.4	52.5

CLUTCH

Type	Single plate, diaphragm spring, pull type, asbestos free
Diameter (mm)	355 (14")

BRAKES

Type	Drum
Front	178 x 381mm pad width / drum diameter
Rear	178 x 381mm pad width / drum diameter
ABS system	Standard Bosch Cat 1
Parking	Spring parking brake
Friction area front	2800 cm ²
Friction area rear	2800 cm ²
Air tank	2 x 15 litres
Exhaust brake	Standard (multi function)
Compressor	225cc – single cylinder
Air dryer	Standard (heated on request -2096-)

CHASSIS

Type	Ladder construction with pressed steel side members and riveted and bolted cross members	
Wheelbases (mm)	Depth (mm)	Flange width (mm)
3105-3690	274.5	80
4185-5175	277.9	80
Front underrun	Standard (without on request -2199-)	

ELECTRICS

Type	24v negative earth return
Alternator	28v, 70A
Starter	24v, 4.0kW
Battery	2 x 12v, 110Ah
	All circuits protected by fuses
	CAN line data bus system

SUSPENSION

Front	Semi-elliptic leaf, single acting
Rear	Semi-elliptic leaf, double acting
Anti-roll bar	Front and rear
Shock absorbers	2 Front and 2 rear

STEERING

Type	Power assisted
Ratio	22.2-26.2

AXLES

Front	F5521AA (LHD); F5522AA (RHD)
Rear	R8169A, rigid, hub reduction
Diff lock	On request (-131-)
Standard ratios	Iveco 2865S.6 gearbox – 5.33 Iveco 2870S.9 gearbox – 5.33

FUEL TANK

Type	180 litres. Locking fuel cap
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CAB INTERIOR

Day Cab:

Forward control MLC day cab. 3 way adjustable-fabric driver's seat. Dual fixed passenger seat with 50/50 split back rest incorporating can holders and tray on reverse side. Seatbelts on request (-590-). Overhead lockers with doors. Windowless rear cab wall with document net. Enclosed glove box. 4-speed fan air flow up to 500m³/hr. 10kw output. All gauges monitored using international symbols. Automatic electronic 2-man digital 24hr tachograph with dual scale instrumentation. Left and right hand entry assist handles. Fully adjustable steering column. Column mounted control stalks. Overhead console for radio/CB. Courtesy and map reading lights. Engine immobilizer on request (-6891-). Steering wheel diameter: 465mm.

Sleeper Cab:

Forward control MLL sleeper cab. Passenger seat - single two way adjustable. Opening roof vent, external stowage for tools, single low level bunk and doors curtains on request (-5629-).

CAB EXTERIOR

Day Cab:

Suspension – helical springs and dampers. Hydraulic tilt to 60 deg. Pressed steel construction with SMC for vulnerable parts. Manual door windows and laminated screen. Rear view mirrors to EEC 88/321.

Sleeper Cab:

Exterior as day cab.

