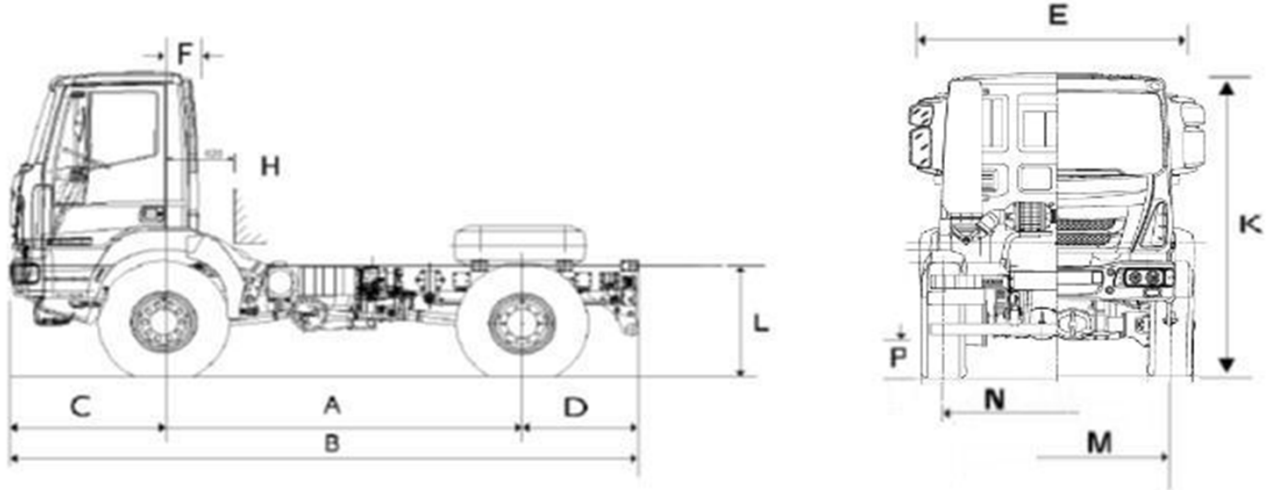


EURO CARGO

ML 110E22WS

Rigid 4x4



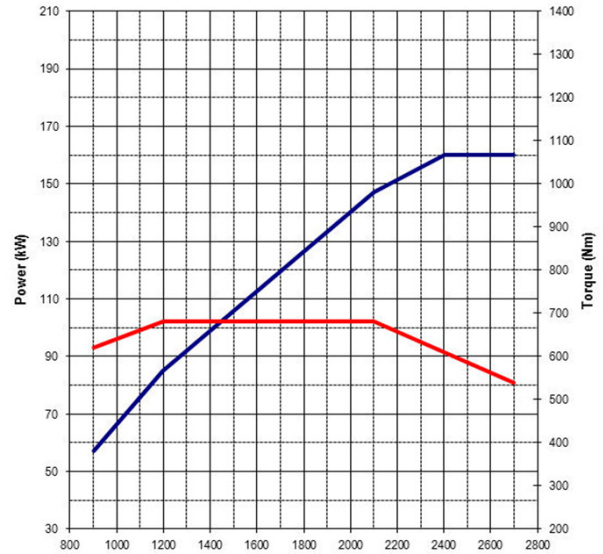
WEIGHTS (kg.)		G.V.W.	G.C.W.	Front axle	Rear axle		
Design weights (std.)		11500	15000	5200	7100		
KERBWEIGHTS (kg.) cab / wb.		3240*	3690	3915	4150		
Front axle	short	3700	3740	3745	3755		
Rear axle		1760	1745	1790	1865		
Total		5460	5485	5535	5570		
PAYLOAD (kg.) @ G.V.W.		6040	6015	5965	5930		
* Not available with long cab							
DIMENSIONS (mm)		A	B	C	D		
A	Wheelbase	3240	3690	3915	4150		
B	Overall length (over bumpers)	5990	6440	6665	7477		
C	Front overhang	1387	1387	1387	1387		
D	Rear overhang	1358	1358	1358	1935		
E	Cab width	2490	2490	2490	2490		
F	End of cab	210	210	210	210		
H	Cab gap	short	640	640	640		
		long	985	985	985		
	Recommended body length	short	4250	4750	4950		
		long	4400	4600	5400		
K	Cab height (unladen)	3023	3021	3021	3021		
L	Frame height at rear frame end	1273	1269	1264	1273		
	Frame thickness	6	6	6	6		
	Turning circle (wall to wall)	14400	15960	16720	17540		
M	Front track	2060	2060	2060	2060		
N	Rear track	2045	2045	2045	2045		
P	Ground clearance (front)	351	351	351	351		
	Ground clearance (rear)	351	351	351	351		
TYRES & WHEELS		Tyre code		Mission		Tyre dimensions	
Standard	20156	D	365/80 R 20	365/80 R 20	tubeless		
Optional	20072	D	365/80 R 20	365/80 R 20	tube-type		

Tyre mission code: B = regional; C = all use; D = mix/off road

ML 110E22WS

ENGINE

IVECO TECTOR	Turbocharged and intercooled
Turbocharger	Turbocharged and intercooled
Cylinders in line	6
Bore (mm)	102
Stroke (mm)	120
Capacity (litres)	5,88
Max power (HP/kW)	220/162
@ rpm	2700
Max torque (Nm)	680
@ rpm	1200 - 2100
E.E.C. emissions regulation	Euro 3
Governor	All speeds
Cooling fan	Viscostatic
Fuel system	Common rail - Bosch
Speed limiter	90kmh



GEARBOXES

Ratios	MEC. 6 SPEED	
	ZF 6S800	ZF 6S1005 TO
1st	6,58	6,75
2nd	3,60	3,60
3rd	2,12	2,12
4th	1,39	1,39
5th	1,00	1,00
6th	0,78	0,78
7th		
8th		
9th		
Rev	6,06	8,65

ELECTRICS

Tension	24v negative earth return
Alternator	28v, 70A
Starter	24v, 4 kW
Batteries	2 x 12v, 110Ah
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

PERFORMANCE

(with standard tyres)

Type: ZF 6S800

Axle ratios available	5,72	5,326	6,34	6,95	7,73
Geared speed (km/h)	121	130	109	99	89
Gradeability % @ 11,5 t G.V.W	36	34	41	46	52

Type: ZF 6S1005 TO + PTO

Axle ratios available	5,72	5,326	6,34	6,95	7,73
Geared speed (km/h)	121	130	109	99	89
Gradeability % @ 11,5 t G.V.W	38	35	42	47	54

STEERING

Type	Power assisted
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AXLES

Front	Iveco 5956. Rigid.
Rear	Iveco 451146/1. Hub reduction.
Differential lock	Cross axle available as option.

FUEL TANK

Type and capacity	115lt. Plastic with lockable fuel cap.
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CLUTCH

Type	Single plate, diaphragm spring, pull type.
Diameter	14" (350 mm)
	Asbestos free.

BRAKES

Type	2 independent pneumatic circuits
Service	A.B.S. + E.B.L.
Front axle	Drums: 325 mm diameter x 140 mm width
Friction area front	2928 cm ²
Rear axle	Drums: 325 mm diameter x 140 mm width
Friction area rear	2928 cm ²
Parking	Mechanical with spring cylinder, rear.
Emergency	Combined with parking brake.
Air reservoirs	2 x 15 litres, steel
Engine brake	Standard exhaust brake
Air compressor	225 cc - single cylinder
Air dryer	Air Processing Unit

TRANSFER BOX

Type	TC 850 - gearbox independent.
Ratio	On road: 1/0,99 – Off Road: 1/1,94.
Torque distribution	Front 33% - Rear 67%

CAB INTERIOR

Day cab

Forward control cab. Fabric three way adjustable driver seat, dual fixed passenger seat. Overhead lockers with doors, Windowless rear wall with document net. Glove box. Four speed fan, air flow 500 m³/hr, 10 Kw. All gauges monitored using international symbols. Electronic tachograph for two drivers.. Fully adjustable steering column. Column mounted control stalks. Overhead console for radio and CB. Courtesy and map reading lights.

Sleeper cab

As per day cab plus: a lower bunk, storage box under bunk, reading light and bed module for controlling cab lights, electric windows, roof hatch.

CAB EXTERIOR

Day and sleeper cab

Pressed steel construction with SMC for vulnerable parts. Suspension: helical springs and dampers. Hydraulic manual tilt to 60 degrees. Rear view mirrors according to CEE 88/321.

CHASSIS

Ladder construction. Pressed steel side members and riveted and bolted cross members.

Wheelbases (mm)
3240 - 4150

Height (mm) x width (mm)
252 x 70