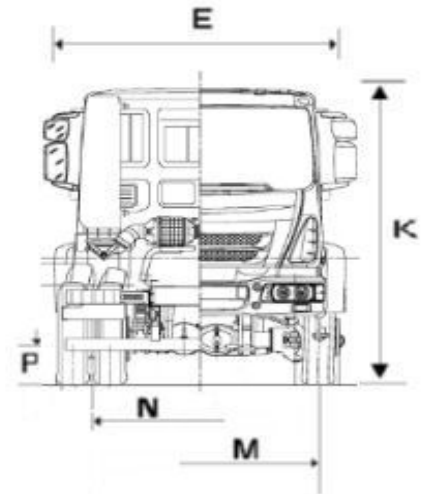
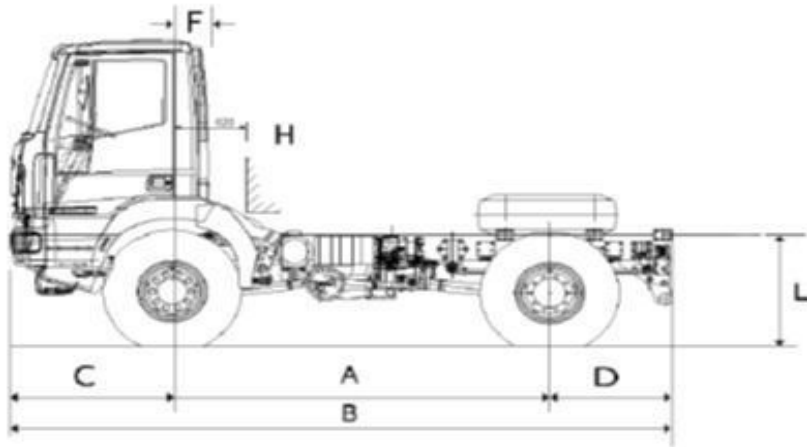


## EURO CARGO

### ML 110E22W

### Rigid 4x4



WEIGHTS (kg.)		G.V.W.	G.C.W.	Front axle	Rear axle
Design weights (std.)		11500	15000	5200	7100
<b>KERBWEIGHTS (kg.) cab / wb.</b>					
	short	3240*	3690	3915	4150
	Front axle	3605	3645	3650	3660
	Rear axle	1805	1790	1835	1910
	Total	5410	5435	5485	5570
PAYLOAD (kg.) @ G.V.W.		6090	6065	6015	5930
* Not available with long cab					
<b>DIMENSIONS (mm)</b>					
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	4950	5750
		long		4400	4600
K	Cab height (unladen)	2987	2986	2986	2986
L	Frame height at rear frame end	1193	1191	1187	1192
	Frame thickness	6	6	6	6
	Turning circle (wall to wall)	14040	15540	16300	17080
M	Front track	1955	1955	1955	1955
N	Rear track	1850	1850	1850	1850
P	Ground clearance (front)	321	321	321	321
	Ground clearance (rear)	321	321	321	321

TYRES & WHEELS	Tyre code	Mission	Tyre dimensions	
			Front	Rear
Standard	20164	C	10 R 22,5	10 R 22,5

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

## ML 110E22W

### ENGINE

Turbocharger  
Cylinders in line  
Bore (mm)  
Stroke (mm)  
Capacity (litres)  
Max power (HP/kW)  
@ rpm  
Max torque (Nm)  
@ rpm  
E.E.C. emissions regulation  
Governor  
Cooling fan  
Fuel system  
Speed limiter

### IVECO TECTOR

Turbocharged and intercooled  
6  
102  
120  
5,88  
220/162  
2700  
680  
1200 - 2100  
Euro 3  
All speeds  
Viscodynamic  
Common rail - Bosch  
90kmh

### GEARBOXES

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

### PERFORMANCE

(with standard tyres)

#### Type: ZF 6S800

	5,72	5,326	6,34	6,95	7,73
Axle ratios available	113	121	102	93	84
Geared speed (km/h)	39	36	44	50	57
Gradeability % @ 11,5 t G.V.W.					

#### Type: ZF 6S1005 TO + PTO

	5,72	5,326	6,34	6,95	7,73
Axle ratios available	117	126	106	97	87
Geared speed (km/h)	62	56	72	84	100
Gradeability % @ 11,5 t G.V.W.					

### CLUTCH

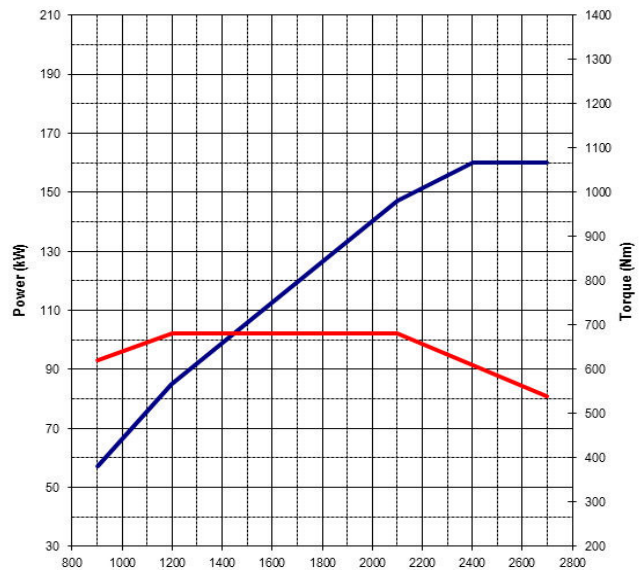
Type Single plate, diaphragm spring, pull type.  
Diameter 14" (350 mm)  
Asbestos free.

### 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<sup>2</sup>  
Rear axle Drums: 325 mm diameter x 140 mm width  
Friction area rear 2928 cm<sup>2</sup>  
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%



### 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

### STEERING

Type Power assisted

### AXLES

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

### FUEL TANK

Type and capacity 115 lt. Plastic with lockable fuel cap.  
180lt.STD on WB 4150

### 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 m<sup>3</sup>/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