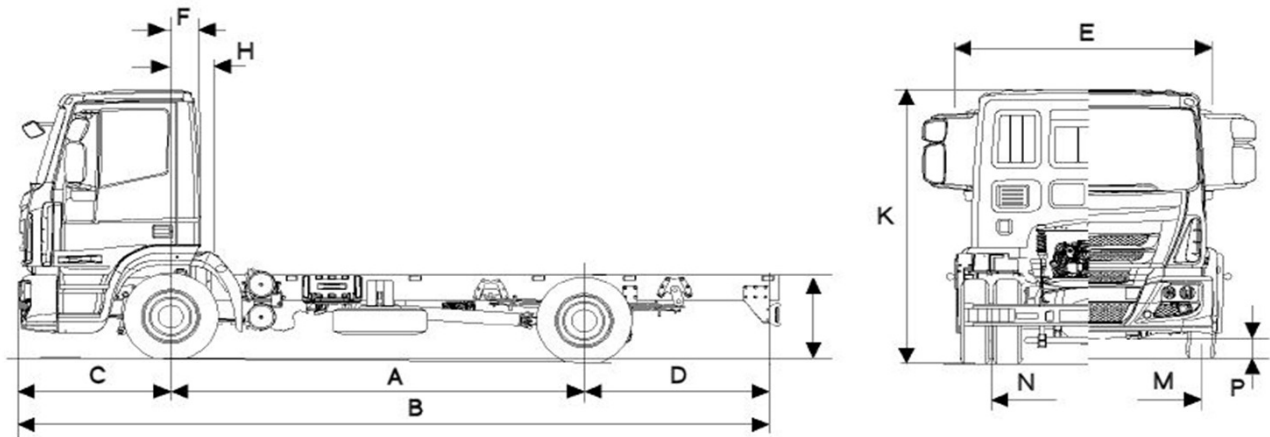


EURO CARGO

ML 120E22

Rigid 4x2



WEIGHTS (kg.)		G.V.W.	G.C.W.	Front axle	Rear axle
Design weights (std.)		12000	15500	4400	8480
Design weights (opt.)		12000	15500	4400	8480

KERBWEIGHTS (kg.) cab / wb.		short	3105*	3690	4185	4455	4815
Front axle			2885	2870	2885	2910	2930
Rear axle			1255	1335	1345	1370	1385
Total			4140	4205	4230	4280	4315
PAYLOAD (kg.) @ G.V.W.			7860	7795	7770	7720	7685

* Not available with long cab

DIMENSIONS (mm)			3105	3690	4185	4455	4815
A	Wheelbase		3105	3690	4185	4455	4815
B	Overall length (over bumpers)		5780	6792	7602	8007	8637
C	Front overhang		1352	1352	1352	1352	1352
D	Rear overhang		1313	1740	2055	2190	2460
E	Cab width		2315	2315	2315	2315	2315
F	End of cab	short	355	355	355	355	355
H	Cab gap	long		935	935	935	935
		short	475	475	475	475	475
	Recommended body length	long		1055	1055	1055	1055
		short	4153	5165	5975	6380	7010
K	Cab height (unladen)		2677	2678	2678	2677	2676
L	Frame height at rear frame end		1009	1010	1012	1012	1013
		Frame thickness		5	5	5	6
	Turning circle (wall to wall)		12340	14080	15540	16340	17400
M	Front track		1910	1910	1910	1910	1910
N	Rear track		1745	1745	1745	1745	1745
P	Ground clearance (front)		232	232	232	232	232
		Ground clearance (rear)		179	179	179	179

TYRES & WHEELS	Tyre code	Mission	Tyre dimensions	
			Front	Rear
Standard	20074	C	245/70 R 19,5	245/70 R 19,5
Option	20075	C	265/70 R 19,5	265/70 R 19,5
Option	20602	C	285/70 R 19,5	285/70R 19,5

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

IVECO

ML 120E22

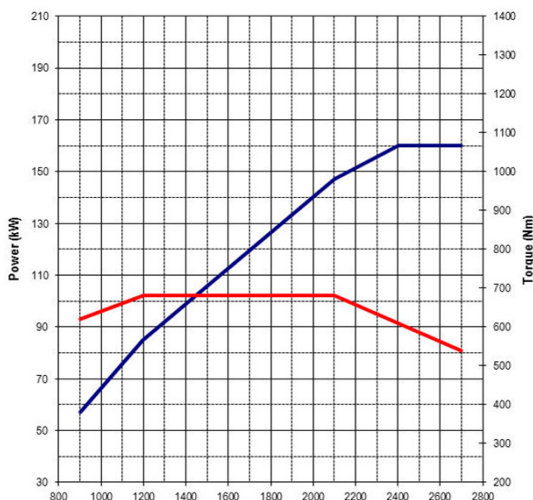
ENGINE

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
Viscostatic
Common rail - Bosch
90kmh

Tector - 220 HP



GEARBOXES

MEC. 6 SPEED

Ratios	ZF 6S700
1st	6,02
2nd	3,32
3rd	2,07
4th	1,40
5th	1,00
6th	0,79
7th	
8th	
9th	
Rev	5,58

MEC. 9 SPEED

Ratios	ZF 9S-75TD
1st	13,16
2nd	8,91
3rd	6,50
4th	4,67
5th	3,50
6th	2,55
7th	1,86
8th	1,33
9th	1,00
Rev	11,74

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 5860/1. Rigid.
Rear MS 10-144. Single reduction.
Differential lock Cross axle available as option.

FUEL TANK

Type and capacity 115lt. with lockable fuel cap.

PERFORMANCE

(with standard tyres)

Type: ZF 6S700 TO

Axle ratios available	4,63	3,9	4,11	4,33	4,88
Geared speed (km/h)	113	135	128	121	108
Gradeability % @ 12 t G.V.W.	33	28	29	31	35

Type: ZF 9S-75 TD

Axle ratios available	3,73	3,42	3,9	4,11	4,33
Geared speed (km/h)	111	121	106	101	96
Gradeability % @ 12 t G.V.W.	67	59	72	78	85

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 Ventilated discs. 377 mm
Friction area front 1204 cm²
Rear axle Ventilated discs. 377 mm
Friction area rear 1204 cm²
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

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)
3105 - 4185
4455 - 4815

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