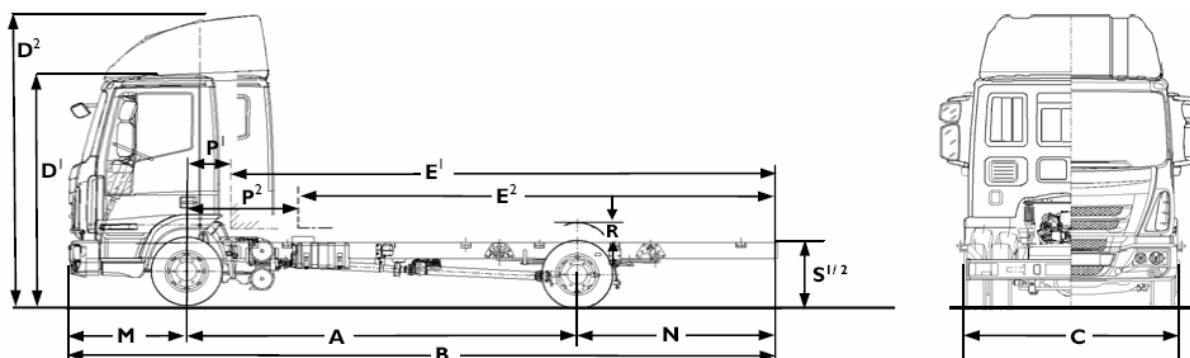


EUROCARGO ML75E18S 4x2 Rigid
ML75E18/P 4x2 Rigid - Rear Air

SPECIFICATION SHEET



Plated/Design Weights (Kg)	GVW	GTW	Front Axle	Rear Axle
Plated weights	7500	11000	3200	5200
Design weights	7500	11000	3600	5200

Kerbweights (Kg)

Weights are for **S** models to standard specification and include water, oils, 5 litres of AdBlue and 20 litres of fuel but exclude driver. Kerb weights are subject to a manufacturing tolerance of +/-5%.

For **/P** models add 25kg to the rear axle kerb weight

A sleeper cab standard roof adds 100kgs (70/30kgs) to the kerb weight. A high roof sleeper cab adds 160kgs (120/40kgs) to the kerb weight.

Wheelbase	3105	3330	3690	4185	4455	4815
Front	2220	2230	2225	2225	2230	2255
Rear	750	765	785	815	820	850
Total	2970	2995	3010	3040	3050	3105
MAXIMUM BODY/ PAYLOAD (kg) GVW	4530	4505	4490	4460	4450	4395

A GTW of 16500kgs is permissible provided a 6-speed gearbox and a drawbar pack are specified.

For front axle capacity upgrade – see Order Guide.

Dimensions (mm)

Dimension	Description	3105	3330	3690	4185	4455	4815
A	Wheelbase	3105	3330	3690	4185	4455	4815
B	Overall length (over bumpers)	5690	6432	6792	7602	8007	8592
C	Cab width (over wings)	2200	2200	2200	2200	2200	2200
D¹	Cab height (unladen) *	2545	2545	2545	2545	2545	2545
	std roof						
D²	high roof	-	-	3200	3200	3200	3200
M	Front overhang	1272	1272	1272	1272	1272	1272
N	Rear overhang	1313	1830	1830	2145	2280	2505
R	Wheel bump clearance	155	155	155	155	155	155
S¹	Frame height at centre line of axle	843	843	842	843	843	837
	S	744	744	744	744	744	744
	/P	-	-	-	-	-	-
	/FP	-	-	-	-	-	-
S²	Frame height at end of frame	892	906	898	897	897	897
	S	743	754	757	757	757	757
	/P	-	-	-	-	-	-
	/FP	-	-	-	-	-	-
P¹	C/line f/axle to back of cab equip	475	475	475	475	475	475
	day	-	-	1055	1055	1055	1055
P²	sleeper	-	-	1055	1055	1055	1055
E¹	Useable frame length	3943	4685	5045	5855	6260	6845
	day	-	-	4465	5275	5680	6265
E²	sleeper	-	-	4465	5275	5680	6265
	Turning circle (wall to wall)	12400	13000	14100	15600	16500	17500
	* Reduce by 3mm for air suspension models						

Tyres & Wheels	Tyre Size		Tread		Wheels (6 stud)	
	Front	Rear	Front	Rear	Front	Rear
Standard	205/75R17.5	205/75R17.5	On Road	On Road	6.00 x 17.5	6.00 x 17.5
Optional	205/75R17.5	205/75R17.5	On Road	Traction	6.00 x 17.5	6.00 x 17.5
Optional	215/75R17.5	215/75R17.5	On Road	On Road	6.00 x 17.5	6.00 x 17.5
Optional	215/75R17.5	215/75R17.5	On Road	Traction	6.00 x 17.5	6.00 x 17.5
Optional	225/75R17.5	225/75R17.5	On Road	Traction	6.00 x 17.5	6.00 x 17.5
Optional	9.5R17.5	9.5R17.5	On/Off Road	On/Off Road	6.00 x 17.5	6.00 x 17.5

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4x2 Rigid

IVECO

Engine	Iveco Tector
Cylinders	4
Bore (mm)	102
Stroke (mm)	120
Capacity (litres)	3.92
Power (PS/kW)	177/130
@ rpm	2700
Torque (Nm/lbft)	570/420
@ rpm	1250 - 2100
Rating	Euro 5 (OBD2)
Governor	All speed
Cooling Fan	Viscous
Fuel System	Bosch common rail
Exhaust	SCR catalyst system
Speed Limiter	Driver programmable to 90kph
Engine Immobiliser	Standard
Cruise control	Standard

Gearboxes	ZF	ZF	ZF	Allison
Type	6AS700	S5-42	6S700	S1000
	Automated	Manual	Manual	Automatic
1 st	6.02	4.65	6.02	3.10
2 nd	3.32	2.60	3.32	1.81
3 rd	2.07	1.53	2.07	1.41
4 th	1.40	1.00	1.40	1.00
5 th	1.00	0.77	1.00	0.71
6 th	0.79		0.79	
7 th				
8 th				
9 th				
Rev	5.58	4.35	5.58	4.49

Performance (std tyres)

with ZF 6AS700 & 6S700 gearbox

Axle ratios available	3.91	3.58	4.30	4.56	5.125
Gear speed (mph)	75	82	68	64	57
Gradeability % @ GVW	40+	40+	40+	40+	40+
Gradeability % @ 11000kg GTW	32	29	36	38	40+
Gradeability % @ 16500kg GTW	21	19	23	25	28

with ZF S5-42 gearbox

Axle ratios available	3.91	3.58	4.30	4.56	5.125
Gear speed (mph)	77	84	70	66	59
Gradeability % @ GVW	37	34	40+	40+	40+
Gradeability % @ 11000kg GTW	24	22	27	29	33

with Allison S1000 gearbox

Axle ratios available	3.91	4.30	4.56	5.125
Gear speed (mph)	85	77	73	65
Gradeability % @ GVW	40+	40+	40+	40+
Gradeability % @ 11000kg GTW	28	31	33	38

Clutch

Type	Single plate, diaphragm spring, push type with midi servo Asbestos free 362 mm
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Cab Equipment

Interior

Day Cab: Forward control MLC day cab. 3-way adjustable driver's seat with integral head restraint and seatbelt. Dual fixed passenger seat with 50/50 split back rest with seatbelts. Overhead lockers with doors. Windowless rear cab wall with document net. Large storage shelf on passenger side. 4-speed fan air flow up to 500m³/hr. 10kw output. All gauges monitored using international symbols. Automatic electronic 2-man digital 24hr tachograph. Speedometer with dual scale instrumentation. Left and right hand entry assist handles. Fully adjustable steering column. Dash mounted gear selection switches for automated gearbox. Column mounted control stalks. Overhead console for radio/CB. Courtesy and map reading lights. Engine immobiliser. Handbrake warning buzzer. Drivers seatbelt warning buzzer.

Sleeper Cab: Forward control MLL sleeper cab. Driver's seat as Day Cab. Single two way adjustable passenger seat with integral head restraint and seatbelt. Opening roof vent. Single low level bunk, protection net and curtains to enclose entire cab area. Bed module incorporating an alarm and controlling major electrical functions (lighting, windows etc)

High Roof Sleeper Cab Option: As sleeper cab plus increased interior height, extra storage space in enclosed and open lockers and rear shelf. Electric roof hatch.

Brakes

Type	Vertically split air/hydraulic
Front	330mm ventilated disc
Rear	330mm ventilated disc
ABS system	Standard Bosch Cat I
Parking	Spring parking brake
Exhaust brake	Standard (multi function)
Compressor	225cc
Air drier	Standard

Chassis

Type	Ladder construction with pressed steel side members and riveted and bolted cross members.			
Wheelbases	3105 - 4455mm	Depth	Width	Thickness
	4815mm	180.5mm	65mm	4mm
		182.5mm	65mm	5mm
Front underrun	Optional			
Rear underrun	Optional			

Fuel Tank

Type	115 litres, plastic Locking fuel cap
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Adblue Tank

Type	25 litres, plastic
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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 (S & /P models)	Parabolic leaf
Rear (S models)	Parabolic leaf
Rear (/P models)	Pneumatic (ECAS) Raise/Lower +115/-75
Anti-roll bar	Front and rear
Shock Absorbers	Front and rear

Steering

Type	Power assisted
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Axles

Front	Iveco 5833/1 I-beam
Rear	Iveco 450617 Hypoid
Diff Lock	Optional
Standard ratios	ZF S5-42 - 3.91 ZF 6S700 & 6AS700 - 3.91 Allison S1000 - 3.91

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