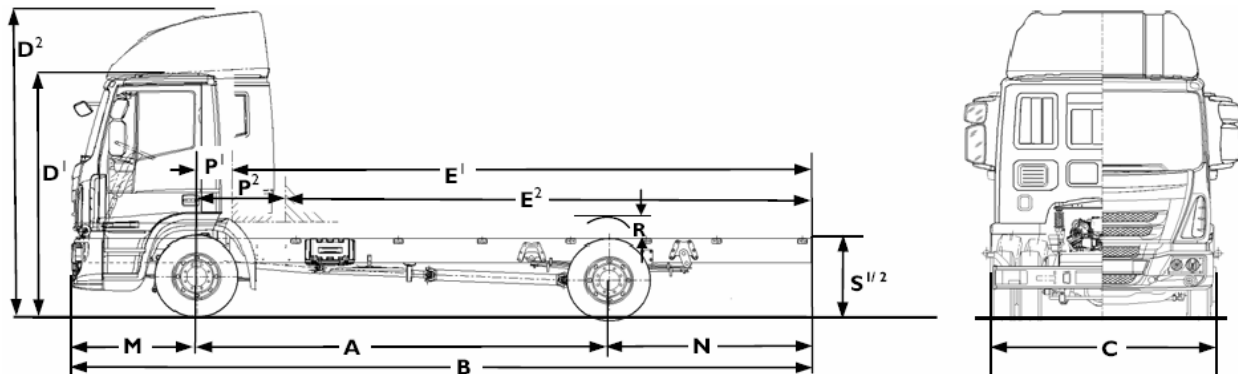


EUROCARGO MLI80E30S 4x2 Rigid
MLI80E30/P 4x2 Rigid - Rear Air

SPECIFICATION SHEET



Plated/Design Weights (Kg)	GVW	GTW	Front Axle	Rear Axle
Plated weights	18000	21500	7100	11500
Design weights	18000	21500	7500	11500

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	3690	4185	4590	4815	5175	5670	6210	6570
Front	3280	3330	3350	3380	3390	3450	3470	3510
Rear	1795	1800	1805	1835	1855	1915	1970	2030
Total	5075	5130	5155	5215	5245	5365	5440	5540
MAXIMUM BODY/ PAYLOAD (kg)	GVW	12925	12870	12845	12785	12755	12635	12560

A GTW of 32500kgs is permissible provided a 9-speed gearbox and a drawbar pack are specified.

For front axle capacity upgrade – see Order Guide.

Dimensions (mm)

A	Wheelbase	3690	4185	4590	4815	5175	5670	6210	6570
B	Overall length (over bumpers)	6185	6860	7602	8030	8660	9267	9807	10707
C	Cab width (over wings)	2470	2470	2470	2470	2470	2470	2470	2470
D¹	Cab height (unladen) *	2846	2843	2842	2841	2839	2838	2837	2837
D²									
M	Front overhang	1362	1362	1362	1362	1362	1362	1362	1362
N	Rear overhang	1133	1313	1650	1853	2123	2235	2235	2775
R	Wheel bump clearance	240	240	240	240	240	240	240	240
S¹	Frame height at centre line of axle	1068	1068	1067	1067	1066	1065	1064	1063
S²	Frame height at end of frame	1081	1082	1085	1086	1087	1085	1082	1084
P¹	C/line f/axle to back of cab equip	385	385	385	385	385	385	385	385
P²									
E¹	Useable frame length	4438	5113	5855	6283	6913	7520	8060	8960
E²									
	Turning circle (wall to wall)	14390	15900	17130	17810	18910	20420	22110	23210

* Reduce by 50mm for air suspension models

Tyres & Wheels	Tyre Size		Tread		Wheels (10 stud)	
	Front	Rear	Front	Rear	Front	Rear
Standard	295/80R22.5	295/80R22.5	On Road	Traction	8.25 x 22.5	8.25 x 22.5
Optional	315/60R22.5	315/60R22.5	On Road	Traction	9.00 x 22.5	9.00 x 22.5
Optional	12R22.5	12R22.5	On/Off Road	On/Off Road	8.25 x 22.5	8.25 x 22.5
Optional	315/70R22.5	315/70R22.5	On Road	Traction	9.00 x 22.5	9.00 x 22.5
Optional	305/70R22.5	305/70R22.5	On Road	Traction	8.25 x 22.5	8.25 x 22.5
Optional	315/80R22.5	315/80R22.5	On Road	Traction	9.00 x 22.5	9.00 x 22.5

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4x2 Rigid

IVECO

Engine	Iveco Tector
Cylinders	6
Bore (mm)	102
Stroke (mm)	120
Capacity (litres)	5.88
Power (PS/kW)	299/220
@ rpm	2500
Torque (Nm/lbft)	1050/774
@ rpm	1250 - 1850
Rating	Euro 5 (OBD2)
Governor	All speed
Cooling Fan	Viscstatic
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	6AS1000	S61000	9S-1110	S3000
	Automated	Manual	Manual	Automatic
1 st	6.75	6.75	9.48	3.49
2 nd	3.60	3.60	6.58	1.86
3 rd	2.12	2.12	4.68	1.41
4 th	1.39	1.39	3.48	1.00
5 th	1.00	1.00	2.62	0.75
6 th	0.78	0.78	1.89	
7 th			1.35	
8 th			1.00	
9 th			0.75	
Rev	6.06	6.06	8.97	5.03

Performance (std tyres)

with ZF 6AS1000 & 6S1000 gearbox

Axle ratios available	4.56	4.30	4.89	5.13	5.63	6.14
Geared speed (mph)	83	88	78	74	68	62
Gradeability % @ GVW	34	32	37	39	40+	40+
Gradeability % @ 21500kg GTW	28	27	31	32	36	39

with ZF 9S-1110 gearbox

Axle ratios available	4.89	4.56	5.13	5.63	6.14
Geared speed (mph)	81	87	77	70	64
Gradeability % @ GVW	40+	40+	40+	40+	40+
Gradeability % @ 21500kg GTW	40+	40+	40+	40+	40+
Gradeability % @ 32500kg GTW	28	26	30	33	36

with Allison S3000 gearbox

Axle ratios available	4.56	4.89	5.63	6.43
Geared speed (mph)	87	81	70	62
Gradeability % @ GVW	30	33	39	40+
Gradeability % @ 21500kg GTW	25	27	32	37

Clutch

Type	Single plate, diaphragm spring, push type with midi servo Asbestos free 395 mm
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Cab Equipment

Interior

Day Cab: Forward control MLC day cab. Air suspension 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 full air
Front	432mm ventilated disc
Rear	432mm 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	Depth	Width	Thickness	
	3690mm	274.5mm	80mm	6mm
	4185-6570mm	277.9mm	80mm	7.7mm
Front underrun	Standard			
Rear underrun	Optional			

Fuel Tank

Type	280 litres, aluminium 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, 143Ah 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 5871/5 I-beam
Rear	Meritor MS13-165 Hypoid
Diff Lock	Standard
Standard ratios	ZF 6S1000 & 6AS1000 - 4.56 ZF 9S-1110 - 4.89 Allison S3000 - 4.56

* When the Allison S3000 gearbox is specified, a 90A alternator and 360cc compressor are fitted as standard

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