

E U R O C A R G O

TECHNICAL DESCRIPTION

ML140E21

(EURO 3 NEW - axle 5860/1 Narrow Track)



Commercial & Technical Training

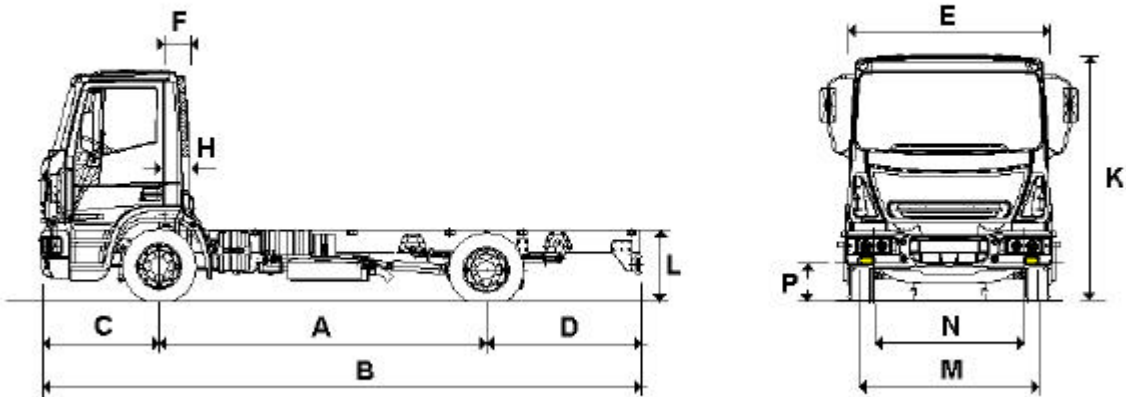
The information in this literature is intended to be of a general nature only. Iveco reserves the right to modify or change specification at any time.

Gearbox 2865.6

Wheelbase	Cab	Drive	Vcb
3105	MLC	LEFT HAND DRIVE	EQSAC2D1
3690	MLC	LEFT HAND DRIVE	EQSAC4D1
	MLL	LEFT HAND DRIVE	EQSAC4D2
4185	MLC	LEFT HAND DRIVE	EQSAC5D1
	MLL	LEFT HAND DRIVE	EQSAC5D2
4455	MLC	LEFT HAND DRIVE	EQSAC6D1
	MLL	LEFT HAND DRIVE	EQSAC6D2
4815	MLC	LEFT HAND DRIVE	EQSAC7D1
	MLL	LEFT HAND DRIVE	EQSAC7D2
5175	MLC	LEFT HAND DRIVE	EQSAC8D1
	MLL	LEFT HAND DRIVE	EQSAC8D2
5670	MLC	LEFT HAND DRIVE	EQSAC9D1
	MLL	LEFT HAND DRIVE	EQSAC9D2
6570	MLC	LEFT HAND DRIVE	EQSACBD1
	MLL	LEFT HAND DRIVE	EQSACBD2

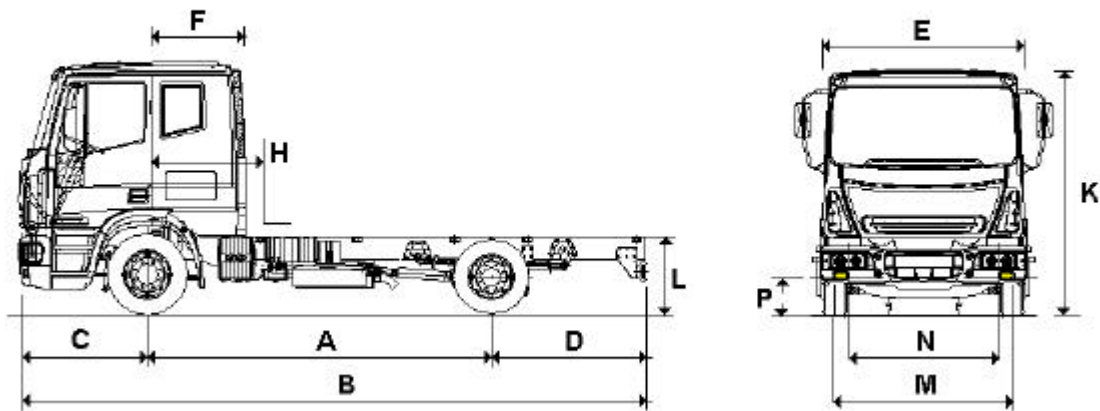
Gearbox 2870.9

Wheelbase	Cab	Drive	Vcb
3105	MLC	LEFT HAND DRIVE	EQSAC2G1
3690	MLC	LEFT HAND DRIVE	EQSAC4G1
	MLL	LEFT HAND DRIVE	EQSAC4G2
4185	MLC	LEFT HAND DRIVE	EQSAC5G1
	MLL	LEFT HAND DRIVE	EQSAC5G2
4455	MLC	LEFT HAND DRIVE	EQSAC6G1
	MLL	LEFT HAND DRIVE	EQSAC6G2
4815	MLC	LEFT HAND DRIVE	EQSAC7G1
	MLL	LEFT HAND DRIVE	EQSAC7G2
5175	MLC	LEFT HAND DRIVE	EQSAC8G1
	MLL	LEFT HAND DRIVE	EQSAC8G2
5670	MLC	LEFT HAND DRIVE	EQSAC9G1
	MLL	LEFT HAND DRIVE	EQSAC9G2
6570	MLC	LEFT HAND DRIVE	EQSACBG1
	MLL	LEFT HAND DRIVE	EQSACBG2


DIMENSIONS (mm) (AB 1112-I MLC)

A Wheelbase	<u>3105</u>	<u>3690</u>	<u>4185</u>	<u>4455</u>	<u>4815</u>
B Overall length	5780	6792	7602	8007	8637
C Front overhang	1352	1352	1352	1352	1352
D Rear overhang	1313	1740	2055	2190	2460
E Max cab width	2315	2315	2315	2315	2315
F Front axle to back of cab	265	265	265	265	265
H Front axle to front of body	385	385	385	385	385
K Overall height to top of cab, unladen	2742	2743	2742	2740	2739
L Frame height at end of frame, unladen	1094	1096	1098	1097	1099
M Front track	1910	1910	1910	1910	1910
N Rear track	1745	1745	1745	1745	1745
P Minimum ground clearance (Axle2)	179	179	179	179	179
Overall width (rear tyres)	2350	2350	2350	2350	2350
Approach angle	14°	14°	14°	14°	14°
Departure angle	17°	14°	11°	11°	10°
Ramp angle	19°	16°	14°	13°	12°
Back of cab to end of frame	4153	5165	5975	6380	7010
Turning radius wall to wall	6170	7040	7770	8170	8700
Turning radius kerb to kerb	5550	6410	7140	7540	8070
Frame height at front axle, unladen	927	928	927	926	925
Frame height at rear axle, unladen	1044	1042	1042	1040	1040
Max truck length		7075	7875	8275	8875

DIMENSIONS (mm) (AB 1112-I MLC)			
A Wheelbase	5175	5670	6570
B Overall length	9222	10032	11427
C Front overhang	1352	1352	1352
D Rear overhang	2685	3000	3495
E Max cab width	2315	2315	2315
F Front axle to back of cab	265	265	265
H Front axle to front of body	385	385	385
K Overall height to top of cab, unladen	2739	2739	2738
L Frame height at end of frame, unladen	1100	1099	1098
M Front track	1910	1910	1910
N Rear track	1745	1745	1745
P Minimum ground clearance (Axle2)	179	179	179
Overall width (rear tyres)	2350	2350	2350
Approach angle	14°	14°	14°
Departure angle	9°	8°	7°
Ramp angle	11°	11°	10°
Back of cab to end of frame	7595	8405	9800
Turning radius wall to wall	9240	9970	11300
Turning radius kerb to kerb	8600	9330	10650
Frame height at front axle, unladen	924	924	923
Frame height at rear axle, unladen	1040	1039	1037
Max truck length	9475		


DIMENSIONS (mm) (AB 1116-I MLL)

A Wheelbase	<u>3690</u>	<u>4185</u>	<u>4455</u>	<u>4815</u>	<u>5175</u>
B Overall length	6792	7602	8007	8637	9222
C Front overhang	1352	1352	1352	1352	1352
D Rear overhang	1740	2055	2190	2460	2685
E Max cab width	2315	2315	2315	2315	2315
F Front axle to back of cab	845	845	845	845	845
H Front axle to front of body	965	965	965	965	965
K Overall height to top of cab, unladen	2738	2737	2736	2734	2734
L Frame height at end of frame, unladen	1098	1100	1098	1101	1102
M Front track	1910	1910	1910	1910	1910
N Rear track	1745	1745	1745	1745	1745
P Minimum ground clearance (Axle2)	179	179	179	179	179
Overall width (rear tyres)	2350	2350	2350	2350	2350
Approach angle	14°	14°	14°	14°	14°
Departure angle	14°	11°	11°	10°	9°
Ramp angle	16°	14°	13°	12°	11°
Back of cab to end of frame	4585	5395	5800	6430	7015
Turning radius wall to wall	7040	7770	8170	8700	9240
Turning radius kerb to kerb	6410	7140	7540	8070	8600
Frame height at front axle, unladen	923	922	921	920	919
Frame height at rear axle, unladen	1042	1042	1040	1040	1040
A Wheelbase	<u>5670</u>	<u>6570</u>			
B Overall length	10032	11427			
C Front overhang	1352	1352			
D Rear overhang	3000	3495			
E Max cab width	2315	2315			

DIMENSIONS (mm) (AB 1116-I MLL)		
F Front axle to back of cab	845	845
H Front axle to front of body	965	965
K Overall height to top of cab, unladen	2734	2733
L Frame height at end of frame, unladen	1102	1100
M Front track	1910	1910
N Rear track	1745	1745
P Minimum ground clearance (Axle2)	179	179
Overall width (rear tyres)	2350	2350
Approach angle	14°	14°
Departure angle	8°	7°
Ramp angle	11°	10°
Back of cab to end of frame	7825	9220
Turning radius wall to wall	9970	11300
Turning radius kerb to kerb	9330	10650
Frame height at front axle, unladen	919	918
Frame height at rear axle, unladen	1038	1037

Weights (kg) (BB 1133-I MLC)

Wheelbase	<u>3105</u>	<u>3690</u>	<u>4185</u>	<u>4455</u>	<u>4815</u>
GVW - Design	14000	14000	14000	14000	14000
GTW - Design	17500	17500	17500	17500	17500
Plated weight on axle 1 - Design	5100	5100	5100	5100	5100
Plated weight on axle 2 - Design	9500	9500	9500	9500	9500
Max body & payload - Design	9730	9665	9640	9540	9500
Trailer total weight (inertia brake)	3500	3500	3500	3500	3500
Total vehicle kerbweight	4270	4335	4360	4460	4500
Total vehicle kerbweight 1	2930	2915	2930	2970	2995
Total vehicle kerbweight 2	1340	1420	1430	1490	1505
Truck kerbweight	4830	4985	5070	5200	5300
Truck kerbweight on axle 1	3030	3020	3050	3100	3135
Truck kerbweight on axle 2	1800	1965	2020	2100	2165
Wheelbase	<u>5175</u>	<u>5670</u>	<u>6570</u>		
GVW - Design	14000	14000	14000		
GTW - Design	17500	17500	17500		
Plated weight on axle 1 - Design	5100	5100	5100		
Plated weight on axle 2 - Design	9500	9500	9500		
Max body & payload - Design	9480	9425	9335		
Trailer total weight (inertia brake)	3500	3500	3500		
Total vehicle kerbweight	4520	4575	4665		
Total vehicle kerbweight 1	3005	3010	3040		
Total vehicle kerbweight 2	1515	1565	1625		
Truck kerbweight	5370				
Truck kerbweight on axle 1	3150				
Truck kerbweight on axle 2	2220				

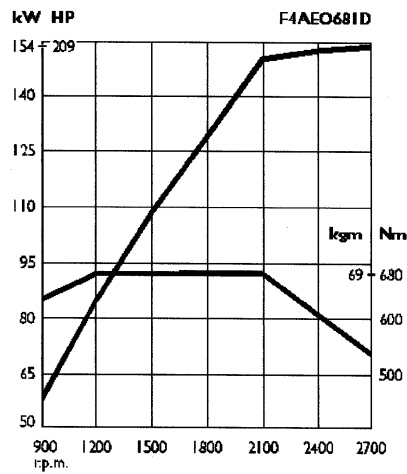
Weights (kg) (BB 1137-I MLL)

Wheelbase	<u>3690</u>	<u>4185</u>	<u>4455</u>	<u>4815</u>	<u>5175</u>
GVW - Design	14000	14000	14000	14000	14000
GTW - Design	17500	17500	17500	17500	17500
Plated weight on axle 1 - Design	5100	5100	5100	5100	5100
Plated weight on axle 2 - Design	9500	9500	9500	9500	9500
Max body & payload - Design	9535	9510	9410	9370	9350
Trailer total weight (inertia brake)	3500	3500	3500	3500	3500
Total vehicle kerbweight	4465	4490	4590	4630	4650
Total vehicle kerbweight 1	3030	3045	3085	3110	3125
Total vehicle kerbweight 2	1435	1445	1505	1520	1525

Weights (kg) (BB 1137-I MLL)

Wheelbase	<u>5670</u>	<u>6570</u>
GVW - Design	14000	14000
GTW - Design	17500	17500
Plated weight on axle 1 - Design	5100	5100
Plated weight on axle 2 - Design	9500	9500
Max body & payload - Design	9295	9205
Trailer total weight (inertia brake)	3500	3500
Total vehicle kerbweight	4705	4795
Total vehicle kerbweight 1	3130	3160
Total vehicle kerbweight 2	1575	1635

Engine F4AE0681C°C (EB 0024-I)



Name	TECTOR
Cycle	DIESEL
Aspiration type	TC+AFTERCOOLER
Injection type	DIRECT
No. of cylinders	6 IN-LINE
Fuel type	DIESEL
4 Stroke / 2 Stroke cycle	4
Total displacement cm ³	5880
Bore / Stroke mm	102 / 120
Max power (1)	154 kW 210 HP 2700 rpm
Specific fuel consumption-max power	220 g/kWh
Max torque (2)	69 kgm 680 Nm 1200 rpm
Specific fuel consumption-max torque	200 g/kWh
Power loss	0.2% every 100 m above 1000 m sea level
Dry weight kg	500
Oil capacity kg	8
Crankshaft supported by	7 Bearings
Injection pump type	HIGH PRESSURE / COMMON RAIL
Injection pump governor type	ELECTRONIC ENGINE CONTROL
Cooling system	WATER
Hydraulic steering pump	
Cold starting type	THERMOSTARTER+GRID HEATER
Emissions according regulations	EURO3

Fuelling (ABB 0022-I)

No. of tanks	1
Total tank capacity l.	115
Position on frame	RIGHT SIDE
Fuel pump	
Prefilter	
Filter	
Fuel separator	

Air intake (AC 0001-D)

Filter type	DRY
Snorkel position	BEHIND THE CAB ON THE LEFT
Air intake	WITH SNORKEL

Cooling (AD 0001-D)

Cooling system	WATER
Fan type	VISCOSTATIC

Clutch 14" (FB 0007-I)

Type	SINGLE PLATE DIAPHRAGM
Actuation	PULL TYPE
Release control	HYDRAULIC

Gearbox IVECO - 2865.6 (GB 0013-I)

Type	SYNCHROMESH
Installation	ENGINE FLANGED
Control	MANUAL H
No. of gears (....+.....reverse)	6+1
Casing material	ALUMINIUM
Gearbox opening	9.01
Possible P.T.O. installation	

Gear ratios

1st	9.01
2nd	5.02
3rd	3.21
4th	2.07
5th	1.37
6th	1.00
Rev. 1st	8.17

Gearbox IVECO - 2870.9 (GB 0014-I)

Type	SYNCHROMESH
Installation	ENGINE FLANGED
Control	MANUAL H
No. of gears (....+.....reverse)	9+1
Casing material	ALUMINIUM
Dry weight kg	138
Gearbox opening	13.20
Possible P.T.O. installation	

Gear ratios

1st	13.20
2nd	9.04
3rd	6.47
4th	4.69
5th	3.55
6th	2.55
7th	1.82
8th	1.32
9th	1.00
Rev. 1st	11.98

Front steering axle (LB 0024-I)

Identification	5860/1 CS
Type	RIGID, narrow track
Beam section	"I"

Rear drive axle (MB 0029-I)

Identification	MS10-144 CS
Type	RIGID
Axle	SINGLE
Reduction type	SINGLE

Suspensions (NB 0042-I)

Front steering axle	SINGLE ACTING PARABOLIC SPRING
Rear drive axle	DOUBLE ACTING PARABOLIC

Main features

Suspensions (NB 0042-I)

Axle no.	1	2
Leaf width (mm)	80	80
Auxiliary leaves spring length (mm)		1620
Main leaf spring length (mm)	1758	1680
No. of auxiliary leaves spring		1
No. of main leaves spring	3	3

Shock absorber (PT 0001-I)

Shock absorber no. (front)	2
Shock absorber no. (rear)	2
Shock absorber type	HYDRAULIC TELESCOPIC

Anti-roll bars (OT 0001-I)

Position	FRONT AND REAR AXLE
Type	TORSION BAR

Wheels (QB 0004-I)

Rim type	DISC
Wheel dimensions	19.5" x 7.50"

Tyres (RB 0029-I)

Tyre dimensions	285/70 R 19.5
Load-index	145 / 143
Rolling radius mm	435
Rolling circumference mm	2732

Axle	Mounting
1	SINGLE
2	TWIN

Steering (KT 0001-I)

Type	HYDRAULIC
Adjustment type	COLUMN ANGLE
Steering wheel diameter (mm)	465
No of parts in steering column	2

Chassis (mm) (JB 0111-I)

Frame section	PARALLEL
Front crossmember fixing	BOLTED
Middle crossmember fixing	RIVETED
Rear crossmember fixing	BOLTED (EXCEPT FOR SHORT W.B.)

Wheelbase	3105	3690	4185
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Chassis (mm) (JB 0111-I)			
Side member section	"C"	"C"	"C"
Flange thickness	5	5	5
Web thickness	5	5	5
Upper flange width	70	70	70
Lower flange width	70	70	70
Side member max. height	250	250	250
Frame width at front	850	850	850
Frame width at rear	850	850	850
Wheelbase	4455	4815	5175
Side member section	"C"	"C"	"C"
Flange thickness	6	6	6.7
Web thickness	6	6	6.7
Upper flange width	70	70	70
Lower flange width	70	70	70
Side member max. height	252	252	253
Frame width at front	852	852	853
Frame width at rear	852	852	853
Wheelbase	5670	6570	
Side member section	"C"	"C"	
Flange thickness	6.7	6.7	
Web thickness	6.7	6.7	
Upper flange width	70	70	
Lower flange width	70	70	
Side member max. height	253	253	
Frame width at front	853	853	
Frame width at rear	853	853	

Brakes (SB 0047-I)

Air dryer

Brake assistance type

Antiskid system ABS

Auxiliary brake / Engine brake ENGINE BRAKE

Emergency brake COMBINED WITH SERVICE BRAKE

Parking brake MECHANICAL WITH SPRING CYLINDER

Service brake AIR

Parking brake axle(s) AXLE 2

Total tank capacity l. 30

Air compressor displacement cm³ 225

Air compressor SINGLE CYLINDER

Brake standards EEC

No. of circuits 2

Number of air tanks 2

Axle no.	Axle 1	Axle 2
Brake type	DISC	DISC
No. of cylinders	2	2
Disk diameter (mm)	377	377
Friction area cm ²	602	602

Electrics (VB 0014-I)

Voltage V 24

Alternator power V/A 28/70

No. of batteries 2

Battery voltage V 12

Battery capacity Ah 110

Starter motor power kW 4

Lighting (WB 0029-I)

No. of headlights 2

Type of lamps HIGH BEAM AND ANTI-DAZZLE LIGHTS INTEGRATED INTO PARKING LAMPS

Front parking lights

Rear lights

Front side marker lights

Rear fog lights

Reverse lights

Hazard lights

Number plate lights

Rear fog light(s)

Lighting (WB 0029-I)

Side lights

Stop lights

Front direction indicators

Side direction indicators

Rear direction indicators

Provision for front fog lights

Additional lights prearrangement

Cab MLC (YB 0044-I)

Cab type FORWARD CONTROL

Version DAY CAB

Material STEEL PLATE

Internal height in front of the seat (mm) 1620

Tilting device HYDRAULIC

Tilt angle 60°

Front doors type SIDE HUNG, INTERNALLY COVERED WITH FABRIC

Front doors height (mm) 1424

Front doors width (mm) 954

Front door(s) opening angle 90°

Window operation (front) MANUAL ON RIGHT - MANUAL ON LEFT

Side spoiler

Sun visors no. 2

Roof material SYNTHETIC, WASHABLE

Roof light

Windscreen type LAMINATED

Windscreen ONE PIECE - CURVED

Windscreen according to standards: EEC

No. of windscreen wipers 2

No. of windscreen wiper speeds 2

Front suspension type 2 HELICAL SPRING + SHOCK ABSORBER

Rear suspension type 2 HELICAL SPRINGS AND SHOCK ABSORBERS (Mc Pherson)

Rear view mirrors no. 4

Mirror control MANUAL

Kerbside approach mirror

No. of places 3

No. of seats 2

Driver seat type 3-WAY

Driver seat adjustment HEIGHT, LONGITUDINAL AND BACK INCLINATION

Passenger seat(s) type DUAL BENCH WITH DOUBLE BACK

Passenger seat adjustment FOLDING CENTRE BACK, which when folded can be made into a small table

No. of fan speeds 4

Cab MLC (YB 0044-I)

Heating control	MANUAL
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Provision for belts	
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Lighter	
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CB wiring	
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Radio wiring	
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Remarks:

Rear wall of cab without windows, doors with fabric carpeting, storage compartments white bottle holder, defrost system for door windows, arm rests.

Corrosion protection, underseal and cavity sealing with wax.

Roof panel:

Prearrangement for revolving roof lamp.

Floor:

Covered with rubber mats, sound proof, engine brake control.

Interior equipment:

Storage compartments, shelves in overhead console, shelves at floor level below seats, interior lights, spotlights, loudspeakers.

Central console:

Storage compartments, central panel, adjustable air vents, ash-tray, lighter, heating control.

Exterior equipment:

Front bumper with steps, mudguard, front grille, pre-arrangement for front towing hook (removable), side spoilers as splash protection, mudflaps, external engine starter (when cab is tilted) including safety device.

Cab MLL (YB 5044-I)

Cab type	FORWARD CONTROL
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Version	SLEEPER CAB
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Material	STEEL PLATE
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No of steps	2
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Internal width (mm)	1620
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Tilting device	HYDRAULIC
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Tilt angle	60°
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Roof hatch control system	MANUAL
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Front doors type	SIDE HUNG, INTERNALLY COVERED WITH FABRIC
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Front doors height (mm)	954
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Front doors width (mm)	1424
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Front door(s) opening angle	90°
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Window operation (front)	MANUAL ON RIGHT - MANUAL ON LEFT
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Side spoiler	
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Roof material	SYNTHETIC, WASHABLE
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Roof light	
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Windscreen type	LAMINATED
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Windscreen	ONE PIECE - CURVED
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Windscreen according to standards:	EEC
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Cab MLL (YB 5044-I)	
No. of windscreen wipers	2
No. of windscreen wiper speeds	2
Front suspension type	2 HELICAL SPRING + SHOCK ABSORBER
Rear suspension type	2 HELICAL SPRINGS AND SHOCK ABSORBERS (Mc Pherson)
Rear view mirrors no.	4
Mirror control	MANUAL
Kerbside approach mirror	
No. of places	2
No. of seats	2
Driver seat type	3-WAY
Driver seat adjustment	HEIGHT, LONGITUDINAL AND BACK INCLINATION
No. of fan speeds	4
Heating control	MANUAL
No. of bunks	1
Bunk position	BOTTOM, FIXED
Provision for belts	
Lighter	
CB wiring	
Radio wiring	

Remarks:

Rear wall of cab without window, doors with fabric carpeting, storage compartments with bottle holder, defrost system for door windows, arm rests;

Corrosion protection, underseal and cavity sealing with wax.

Passenger's seat:

Fixed, 2 way adjustable (longitudinal +adjustable back). The central back can be tipped and made into a small table.

Roof panel:

Prearrangement for revolving roof lamp.

Floor:

Covered with rubber mats, sound proof, engine brake control.

Interior equipment:

Storage compartments, shelves in overhead console, shelves at floor level below seats, interior lights, 2 spotlights, loud-speakers.

Central console:

Storage compartments, central panel, adjustable air vents, ash-trays, lighter, heating control.

Exterior equipment:

External storage box (on side wall) opened from inside, front bumper with steps, mudguard, front grille, pre-arrangement for front towing hook (removable), side spoilers as splash protection, mudflaps, external engine starter (when cab is tilted) including safety device.

In cab equipment (TB 0089-I)

Indicator lamps, on cluster:

External lights - headlights main beam - General warning light (STOP) - General alarm - Rear fog light - Direction indicator (left) - Engine brake - Brake failure - Hazard lights - Parking brake - Cluster failure - Direction indicator (right) - Tachograph failure - Engine preheating - ABS failure - Low gear range (9 speed gearbox only) - Speed limiter (programmable).

Indicator lamps, on cluster. Prearrangement:

Side PTO - Rear PTO - inter-axle differential lock - Rear differential lock - Mirrors heating - Fog lights.

Controls on instrument panel:

External lights - Headlight adjustment - Rear fog lamp - Hazard lights - Roof light - Speed limiter (programmable) - Engine brake.

Controls on instrument panel. Prearrangements:

Fog lights - Mirrors heating - Rotating roof lights - Heated windscreen - PTO - Power windows adjustment: full electrical - display menu on - display menu off - Display set on - display set off - contact breaker - Cab interior light: set / display - Cab interior light (MLL-Medium Roof only) - Electrically-powered roof hatch - Tail lift.

On central tunnel: electrical / heated mirrors control.

Instruments:

Fuel level with reserve indicator and warning light - Water temperature with warning light - Tachometer with trip mileage counter - Rev counter with coloured sectors - Display - Tachograph 2 drivers - Light dimmer switch - Possibility of connection for external diagnosis (with socket in cab).

Multifunction stalks :

Horn - Low beam / high beam - Headlight flasher - Direction indicators - Windscreen wipers with 2 washer jets - Windscreen wipers with intermittent wipe - Headlight wipers.

Highline version display (option):

Display levels of various minimum / maximum fluid levels - extensive diagnostics - functional check of lights - maintenance plan - travel details

Tools kit.

Miscellaneous (XB 0066-I)

Rear underride protection EEC NORMS

Engine guards SOUND PROUF

Jack

Front towing hitch

Tools kit

Exhaust pipe discharges towards the centre of the vehicle (between the side members)

Front underrun protection (EC norms)

Drawings (DB 0575-I)

Wheelbase	3105	3690	4185
Left hand drive vehicle drawing	504127073	504127074	504127075
Wheelbase	4455	4815	5175
Left hand drive vehicle drawing	504127076	504127077	504127078

Drawings (DB 0575-l)

Wheelbase	<u>5670</u>	<u>6570</u>
Left hand drive vehicle drawing	504127079	504127080

Gearbox 2865.6
Tyres 10 R 22.5

			Max. gradient %									
Rear axle ratio	Gearbox ratio	Max. speed Km/h	GVW				GTW					
			14				17.5					
3.37	1 - 9.01	16.6	25,0					20,0				
	6 - 1	149.4	2,1					1,5				
3.42	1 - 9.01	16.3	26,0					20,0				
	6 - 1	147.2	2,1					1,6				
4.11	1 - 9.01	13.6	32,0					25,0				
	6 - 1	122.5	2,7					2,0				
4.88	1 - 9.01	11.5	39,0					30,0				
	6 - 1	103.2	3,4					2,5				

Gearbox 2865.6
Tyres 285/70 R 19.5

			Max. gradient %									
Rear axle ratio	Gearbox ratio	Max. speed Km/h	GVW				GTW					
			14				17.5					
3.37	1 - 9.01	14.6	29,0					23,0				
	6 - 1	131.3	2,5					1,8				
3.42	1 - 9.01	14.4	30,0					23,0				
	6 - 1	129.4	2,5					1,9				
4.11	1 - 9.01	12	37,0					29,0				
	6 - 1	107.7	3,2					2,4				
4.88	1 - 9.01	10.1	46,0					35,0				
	6 - 1	90.7	4,0					3,0				

Gearbox 2870.9
Tyres 10 R 22.5

			Max. gradient %									
Rear axle ratio	Gearbox ratio	Max. speed Km/h	GVW				GTW					
			14				17.5					
4.11	1 - 13.20	9.3	50,0					38,0				
	9 - 1	122.5	2,7					2,0				
4.88	1 - 13.20	7.8	64,0					47,0				
	9 - 1	103.2	3,4					2,5				
5.57	1 - 13.20	6.8	78,0					56,0				
	9 - 1	90.4	3,9					3,0				

Gearbox 2870.9
Tyres 285/70 R 19.5

			Max. gradient %									
Rear axle ratio	Gearbox ratio	Max. speed Km/h	GVW					GTW				
			14					17.5				
3.42	1 - 13.20	9.8	47,0					36,0				
	9 - 1	129.4	2,5					1,9				
3.73	1 - 13.20	9	53,0					40,0				
	9 - 1	118.6	2,8					2,1				
4.11	1 - 13.20	8.2	60,0					45,0				
	9 - 1	107.7	3,2					2,4				
4.88	1 - 13.20	6.9	78,0					56,0				
	9 - 1	90.7	3,9					3,0				