

# IVECO

Drive the road of change



TECHNICAL DESCRIPTION

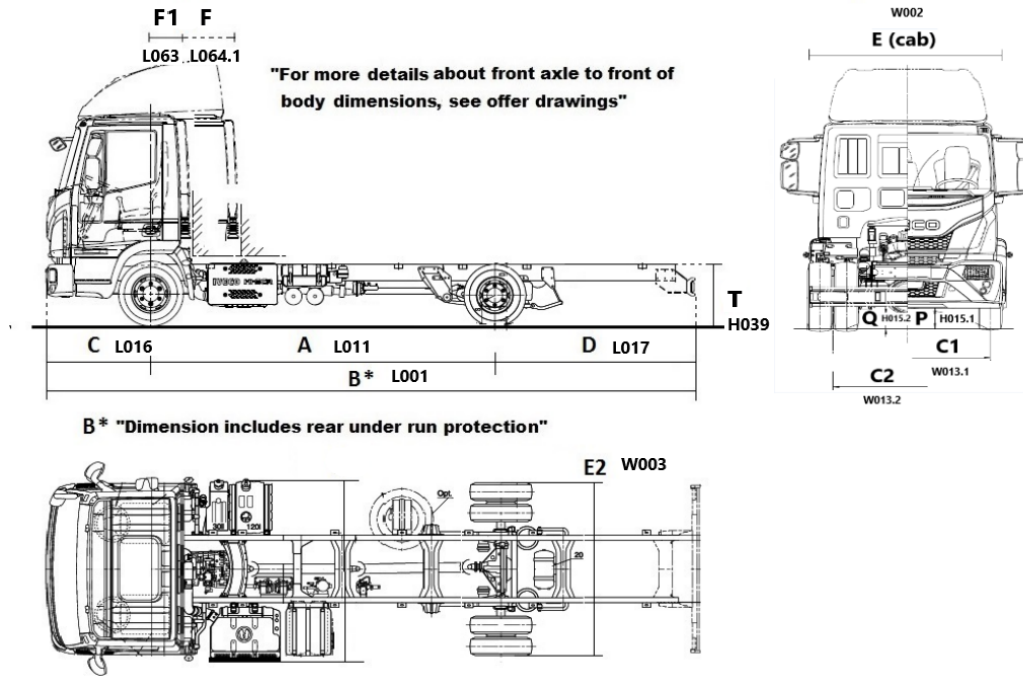
**EUROCARGO** MLI 10EL19

# List of linked VCB

VCB code	Gearbox	Wheelbase	Cabin	Drive
2F2AC13I	ZF 8AP800	2790	MLC-NS SX	LH
2F2AC13A	ZF 8AP800	2790	MLC-NS DX	RH
2F2AC1CI	6S 700 TO	2790	MLC-NS SX	LH
2F2AC1CA	6S 700 TO	2790	MLC-NS DX	RH
2F2AC23I	ZF 8AP800	3105	MLC-NS SX	LH
2F2AC23A	ZF 8AP800	3105	MLC-NS DX	RH
2F2AC2CI	6S 700 TO	3105	MLC-NS SX	LH
2F2AC2CA	6S 700 TO	3105	MLC-NS DX	RH
2F2AC33I	ZF 8AP800	3330	MLC-NS SX	LH
2F2AC33A	ZF 8AP800	3330	MLC-NS DX	RH
2F2AC3CI	6S 700 TO	3330	MLC-NS SX	LH
2F2AC3CA	6S 700 TO	3330	MLC-NS DX	RH
2F2AC43I	ZF 8AP800	3690	MLC-NS SX	LH
2F2AC432	ZF 8AP800	3690	MLL-NS SX	LH
2F2AC43A	ZF 8AP800	3690	MLC-NS DX	RH
2F2AC43B	ZF 8AP800	3690	MLL-NS DX	RH
2F2AC4CI	6S 700 TO	3690	MLC-NS SX	LH
2F2AC4C2	6S 700 TO	3690	MLL-NS SX	LH
2F2AC4CA	6S 700 TO	3690	MLC-NS DX	RH
2F2AC4CB	6S 700 TO	3690	MLL-NS DX	RH
2F2AC53I	ZF 8AP800	4185	MLC-NS SX	LH
2F2AC532	ZF 8AP800	4185	MLL-NS SX	LH
2F2AC53A	ZF 8AP800	4185	MLC-NS DX	RH
2F2AC53B	ZF 8AP800	4185	MLL-NS DX	RH
2F2AC5CI	6S 700 TO	4185	MLC-NS SX	LH
2F2AC5C2	6S 700 TO	4185	MLL-NS SX	LH
2F2AC5CA	6S 700 TO	4185	MLC-NS DX	RH
2F2AC5CB	6S 700 TO	4185	MLL-NS DX	RH
2F2AC63I	ZF 8AP800	4455	MLC-NS SX	LH
2F2AC632	ZF 8AP800	4455	MLL-NS SX	LH
2F2AC63A	ZF 8AP800	4455	MLC-NS DX	RH
2F2AC63B	ZF 8AP800	4455	MLL-NS DX	RH
2F2AC6CI	6S 700 TO	4455	MLC-NS SX	LH
2F2AC6C2	6S 700 TO	4455	MLL-NS SX	LH
2F2AC6CA	6S 700 TO	4455	MLC-NS DX	RH
2F2AC6CB	6S 700 TO	4455	MLL-NS DX	RH
2F2AC73I	ZF 8AP800	4815	MLC-NS SX	LH
2F2AC732	ZF 8AP800	4815	MLL-NS SX	LH
2F2AC73A	ZF 8AP800	4815	MLC-NS DX	RH
2F2AC73B	ZF 8AP800	4815	MLL-NS DX	RH
2F2AC7CI	6S 700 TO	4815	MLC-NS SX	LH
2F2AC7C2	6S 700 TO	4815	MLL-NS SX	LH
2F2AC7CA	6S 700 TO	4815	MLC-NS DX	RH

# List of linked VCB

VCB code	Gearbox	Wheelbase	Cabin	Drive
<a href="#">2F2AC7CB</a>	6S 700 TO	4815	MLL-NS DX	RH
<a href="#">2F2AC83I</a>	ZF 8AP800	5175	MLC-NS SX	LH
<a href="#">2F2AC832</a>	ZF 8AP800	5175	MLL-NS SX	LH
<a href="#">2F2AC83A</a>	ZF 8AP800	5175	MLC-NS DX	RH
<a href="#">2F2AC83B</a>	ZF 8AP800	5175	MLL-NS DX	RH
<a href="#">2F2AC8CI</a>	6S 700 TO	5175	MLC-NS SX	LH
<a href="#">2F2AC8C2</a>	6S 700 TO	5175	MLL-NS SX	LH
<a href="#">2F2AC8CA</a>	6S 700 TO	5175	MLC-NS DX	RH
<a href="#">2F2AC8CB</a>	6S 700 TO	5175	MLL-NS DX	RH
<a href="#">2F2AC93I</a>	ZF 8AP800	5670	MLC-NS SX	LH
<a href="#">2F2AC932</a>	ZF 8AP800	5670	MLL-NS SX	LH
<a href="#">2F2AC93A</a>	ZF 8AP800	5670	MLC-NS DX	RH
<a href="#">2F2AC93B</a>	ZF 8AP800	5670	MLL-NS DX	RH
<a href="#">2F2AC9CI</a>	6S 700 TO	5670	MLC-NS SX	LH
<a href="#">2F2AC9C2</a>	6S 700 TO	5670	MLL-NS SX	LH
<a href="#">2F2AC9CA</a>	6S 700 TO	5670	MLC-NS DX	RH
<a href="#">2F2AC9CB</a>	6S 700 TO	5670	MLL-NS DX	RH
<a href="#">2F2ACB3I</a>	ZF 8AP800	6570	MLC-NS SX	LH
<a href="#">2F2ACB32</a>	ZF 8AP800	6570	MLL-NS SX	LH
<a href="#">2F2ACB3A</a>	ZF 8AP800	6570	MLC-NS DX	RH
<a href="#">2F2ACB3B</a>	ZF 8AP800	6570	MLL-NS DX	RH
<a href="#">2F2ACBCI</a>	6S 700 TO	6570	MLC-NS SX	LH
<a href="#">2F2ACBC2</a>	6S 700 TO	6570	MLL-NS SX	LH
<a href="#">2F2ACBCA</a>	6S 700 TO	6570	MLC-NS DX	RH
<a href="#">2F2ACBCB</a>	6S 700 TO	6570	MLL-NS DX	RH



B\* "Dimension includes rear under run protection"

**BEP**

**DIMENSIONS (mm)**

	L011	2790 MLC	3105 MLC	3330 MLC	3690 MLC	4185 MLC	4455 MLC	4815 MLC	5175 MLC	5670 MLC	6570 MLC	3690 MLL	4185 MLL	4455 MLL	4815 MLL	5175 MLL	5670 MLL	6570 MLL
<b>Wheelbase (A)</b>	L011	2790	3105	3330	3690	4185	4455	4815	5175	5670	6570	3690	4185	4455	4815	5175	5670	6570
<b>Max length (B)</b>	L001	5465	5780	6522	6882	7702	8097	8692	9222	10032	11537	6882	7702	8097	8692	9222	10032	11537
<b>Distance 1st-2nd axle</b>	L012.1	2790	3105	3330	3690	4185	4455	4815	5175	5670	6570	3690	4185	4455	4815	5175	5670	6570
<b>Max width over wings (cab) (E)</b>	W002	2160	2160	2160	2160	2160	2160	2160	2160	2160	2160	2160	2160	2160	2160	2160	2160	2160
<b>Overall width (rear tyres) (E2)</b>	W003	2283	2283	2283	2283	2283	2283	2283	2283	2297	2297	2283	2283	2283	2283	2283	2297	2297
<b>Front axle to back of cab - without snorkel (F1)</b>	L063	390	390	390	390	390	390	390	390	390	390	970	970	970	970	970	970	970
<b>Front axle to back of cab - including snorkel (F)</b>	L064.1	510	510	510	510	510	510	510	510	510	510	1090	1090	1090	1090	1090	1090	1090
<b>Frame height at end of frame, unladen (T)</b>	H039	938	933	946	941	943	943	943	941	989	990	941	943	943	943	941	989	990
<b>Frame height at front axle, unladen (c+cv)</b>	H035	783	782	781	778	778	778	777	776	824	823	778	778	778	777	776	824	823
<b>Frame height at rear axle, unladen (d+dv)</b>	H037	888	888	888	887	887	887	886	884	932	930	887	887	887	886	884	932	930

BEP		DIMENSIONS (mm)																
Wheelbase (A)	L011	2790 MLC	3105 MLC	3330 MLC	3690 MLC	4185 MLC	4455 MLC	4815 MLC	5175 MLC	5670 MLC	6570 MLC	3690 MLL	4185 MLL	4455 MLL	4815 MLL	5175 MLL	5670 MLL	6570 MLL
Front overhang (C)	L016	1262	1262	1262	1262	1262	1262	1262	1262	1262	1262	1262	1262	1262	1262	1262	1262	1262
Rear overhang (D)	L019	1313	1313	1830	1830	2145	2280	2505	2685	3000	3605	1830	2145	2280	2505	2685	3000	3605
Minimum ground clearance (front) (P)	H015.1	167	167	167	167	167	167	167	167	167	167	167	167	167	167	167	179	179
Minimum ground clearance (rear) (Q)	H016.1	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	181	181
Overall height to top of cab, unladen (H)	H001	2596	2595	2594	2591	2590	2590	2589	2588	2635	2634	2591	2590	2590	2589	2588	2635	2634
Turning diameter kerb to kerb	W011	9960	10910	11570	12630	14090	14880	15940	16950	18440	21080	12630	14090	14880	15940	16950	18440	21080
Turning diameter wall to wall	W012	11400	12180	12850	13910	15370	16160	17230	18410	19870	22510	13910	15370	16160	17230	18410	19870	22510
Front track (C1)	W013.1	1827	1827	1827	1827	1827	1827	1827	1827	1827	1827	1827	1827	1827	1827	1827	1827	1827
Rear track (C2)	W013.2	1745	1745	1745	1745	1745	1745	1745	1745	1745	1745	1745	1745	1745	1745	1745	1745	1745
Approach angle $\alpha$ (°)	H010	18	18	18	18	18	18	18	18	20	20	18	18	18	18	18	20	20
Ramp angle $\gamma$ (°)	H12	22	19	19	19	16	16	16	16	19	15	19	16	16	16	16	19	15
Departure angle $\beta$ (°)	H011	13	13	9	9	8	7	7	6	7	5	9	8	7	7	6	7	5
Side members thickness	H033/H034	5	5	5	5	6	6	6	6	6	6	5	6	6	6	6	6	6
Side members max height	H032	205	205	205	205	207	207	207	207	207	207	205	207	207	207	207	207	207
Side members flange width	W032	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
Frame width at rear	W036	850	850	850	850	852	852	852	852	852	852	850	852	852	852	852	852	852

BEP		WEIGHTS (kg)																
Wheelbase	L011	2790 MLC	3105 MLC	3330 MLC	3690 MLC	4185 MLC	4455 MLC	4815 MLC	5175 MLC	5670 MLC	6570 MLC	3690 MLL	4185 MLL	4455 MLL	4815 MLL	5175 MLL	5670 MLL	6570 MLL
Total vehicle kerb weight	M060	3737	3783	3803	3833	3894	3908	3965	4054	4145	4226	4009	4070	4084	4141	4230	4322	4403
Kerbweight on Front Axle	M090	2590	2631	2634	2659	2689	2697	2724	2758	2803	2838	2797	2831	2841	2870	2907	2954	2993
Kerbweight on Rear Axle	M100	1147	1152	1169	1174	1205	1211	1241	1296	1342	1388	1212	1239	1243	1271	1323	1368	1410
G.V.W. (EC)	M002	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000
G.V.W. (Design)	M001	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000	11000
Plated weight on axle 1 (Design)	M040.1	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
Plated weight on axle 2 (Design)	M040.2	7600	7600	7600	7600	7600	7600	7600	7600	7600	7600	7600	7600	7600	7600	7600	7600	7600
Plated weight on front axles (EC)	M031	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000

Wheelbase	WEIGHTS (kg)																	
	L011	2790 MLC	3105 MLC	3330 MLC	3690 MLC	4185 MLC	4455 MLC	4815 MLC	5175 MLC	5670 MLC	6570 MLC	3690 MLL	4185 MLL	4455 MLL	4815 MLL	5175 MLL	5670 MLL	6570 MLL
<b>Plated weight on rear axles (EC)</b>	M021	7600	7600	7600	7600	7600	7600	7600	7600	7600	7600	7600	7600	7600	7600	7600	7600	7600
<b>Max body &amp; payload (Design)</b>	M110	7263	7217	7197	7167	7106	7092	7035	6946	6855	6774	6991	6930	6916	6859	6770	6678	6597

**Notes**

**Dimensions:**

The height of the side member includes the thickness as well.

**Weights:**

Weights are to standard configuration and include: chassis cab (or tractor), driver (75 kg), full fuel tank, Adblue (if present), tools kit and spare wheel (if present).

The values of GVW / GCW can vary according to the markets and the homologations.

**MLC**

Wheelbase	Type	Drawing
<b>2790</b>	Left hand drive vehicle drawing	5803266396
<b>3105</b>	Left hand drive vehicle drawing	5803266397
<b>3330</b>	Left hand drive vehicle drawing	5803266398
<b>3690</b>	Left hand drive vehicle drawing	5803266399
<b>4185</b>	Left hand drive vehicle drawing	5803266400
<b>4455</b>	Left hand drive vehicle drawing	5803266401
<b>4815</b>	Left hand drive vehicle drawing	5803266402
<b>5175</b>	Left hand drive vehicle drawing	5803266403
<b>5670</b>	Left hand drive vehicle drawing	5803266404
<b>6570</b>	Left hand drive vehicle drawing	5803266405

**MLL**

Wheelbase	Type	Drawing
<b>3690</b>	Left hand drive vehicle drawing	5803266399
<b>4185</b>	Left hand drive vehicle drawing	5803266400
<b>4455</b>	Left hand drive vehicle drawing	5803266401
<b>4815</b>	Left hand drive vehicle drawing	5803266402
<b>5175</b>	Left hand drive vehicle drawing	5803266403

**MLL**

<b>Wheelbase</b>	<b>Type</b>	<b>Drawing</b>
5670	Left hand drive vehicle drawing	5803266404
6570	Left hand drive vehicle drawing	5803266405

**MLC / MLL**

<b>Wheelbase</b>	<b>Type</b>	<b>Drawing</b>
3690	Left hand drive vehicle drawing	5803266399
4185	Left hand drive vehicle drawing	5803266400
4455	Left hand drive vehicle drawing	5803266401
4815	Left hand drive vehicle drawing	5803266402
5175	Left hand drive vehicle drawing	5803266403
5670	Left hand drive vehicle drawing	5803266404
6570	Left hand drive vehicle drawing	5803266405

# Model Components

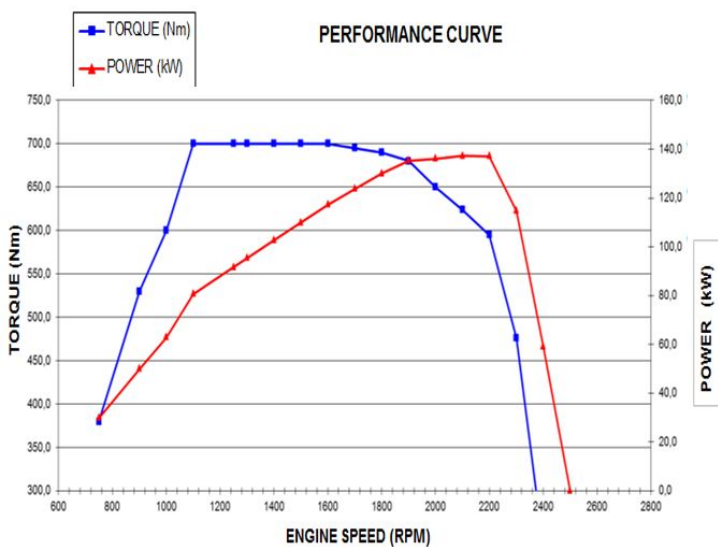
## Engine

Identification Code	F4AFE411
Position	FRONT
Manufacturer	FPT Industrial
Commercial name	TECTOR 5
Cycle	diesel
Aspiration type	TC+AFTERCOOLER
Injection type	Bosch CP3.3
4 Stroke / 2 Stroke cycle	4 stroke
No. of cylinders	4
Cylinders layout	in line
Bore mm	104
Stroke mm	132
Total displacement cm³	4,5
Exhaust gas treatment	DOC + DPF SCR+CUC
Weight (without oil / water) Kg	397
Oil capacity (l)	8.4
Dry mass of compressor	225/360 cm3
Efficiency engine and driveline	DIESEL OIL
Injection system	electronic common rail
Injection governor type	Bosch MDI CE101
Cold starting type	THERMOSTARTER
Type of turbocharging	fix geometry with wastegate
Emissions control	EURO VI E
Speed limiter (Km/h)	90
Engine brake power (kW)	67
Engine brake power (HP)	91
Engine brake (rpm)	2800 rpm
Sound level compatible	UN/ECE 51R
GreenZone min	1000
GreenZone max	2100
No. of tanks	1
Tank position	RIGHT SIDE
Cooling system	liquid
Filter type	DRY



### Notes :

Conformity with Euro VI standards : all vehicles are equipped with the SCR ( Selective Catalytic Reduction ) system, an AdBlue dosing system and a catalytic converter.



### 190 T5 - 190 T5 - Tector 5 (700 Nm) 4,5 lt - 4L

Maximum power: 137 kW (190 HP) @ 2200 rpm

Maximum torque: 70 Kgm (700 Nm) @ 1100 rpm

# Model Components

## DRIVELINE

### Gearbox

Gearbox model	Gearbox Type	Installation	Box material	Total ratio speed	Dry weight Kg	Max input torque Nm	No. of forward gears	No. of reverse gears	No. of synchro gears
<b>6S 700 TO</b>	SYNCRONIZED	ENGINE FLANGED	ALUMINIUM ALLOY	7.62	100	700	6	1	6
<b>ZF 8AP800</b>	AUTOMATIC	ENGINE FLANGED	ALUMINIUM ALLOY	7.65	170	800	8	1	--

### Gear ratios

Gearbox model	1st	2nd	3rd	4th	5th	6th	7th	8th	rev. 1st
<b>6S 700 TO</b>	6.02	3.32	2.07	1.4	1	0.79			5.58
<b>ZF 8AP800</b>	4.890	3.123	2.033	1.639	1.254	1.000	0.840	0.639	4.250

### Rear Axle Ratio

Option code	00011 *	02006	02008	02009	02010	06007	06025	06029
<b>Ratio</b>	4.1	3.73	4.3	4.56	4.88	3.31	5.57	3.07

\*: Standard axle ratio

### Tyres & Wheels

Code	Tyres	Front	Rear	Load index	Rolling circumference m
<b>20167</b>	Standard	245/70R17,5	245/70R17,5	136/134	2.406
<b>20124</b>	Optional	265/70R17,5	265/70R17,5	138/136	2.48

### Axles

Position	Description
<b>Front</b>	5845 - Iveco Axle
<b>Rear</b>	MS08-125 - Rear axle ArvinMeritor S.R.

### Performance

\* Max Speed. Calculated speed on the basis of engine rpm and axle ratios. Real speed limits must take into account the speed index of the tyres: K = 110 km / h L = 120 km / h M = 130 km / h

\*\* Theoretically calculated values, arising from the engine torque without considering the road-friction values and the stability limits of the vehicles. When calculating with more than one tyres or more than one axle ratio, availability of each combination must be checked.

\*\*\* Please note that the actual max. speed of the vehicle may differ from the theoretical one displayed in this document, depending on the vehicle configuration.

Speed and gradeability values are rounded.

**A** = Total Weights (solo vehicle) Kg - Max Gradeability %

**B** = Total Weights (vehicle+trailer) Kg - Max Gradeability %

**Tyre: 20167 - 245/70R17.5 - Regional**

**Efficiency: 0.93**

**No transfer box**

**Gearbox model 6S 700 TO**

Axle Ratio	Gear Ratio 1°	Gear Ratio 6°	Speed km/h 1°	Speed km/h 6°	RPM at 80 km/h	RPM at 90 km/h	A 11000		B 14500	
							1°	6°	1°	6°
<b>3.07</b>	6.02	0.79	17.18	130.95	1344	1512	29.72	2.49	21.98	1.74
<b>3.31</b>	6.02	0.79	15.94	121.45	1449	1630	32.33	2.89	23.84	2.04

# Model Components

Axle Ratio	Gear Ratio 1°	Gear Ratio 6°	Speed km/h 1°	Speed km/h 6°	RPM at 80 km/h	RPM at 90 km/h	A		B	
							11000		14500	
							1°	6°	1°	6°
3.73	6.02	0.79	14.14	107.78	1633	1837	37.06	3.54	27.17	2.54
4.1	6.02	0.79	12.87	98.05	1795	2019	41.41	4.09	30.16	2.95
4.3	6.02	0.79	12.27	93.49	1882	2117	43.85	4.38	31.81	3.17
4.56	6.02	0.79	11.57	88.16	1996	2245	47.12	4.74	34.00	3.45
4.88	6.02	0.79	10.81	82.38	2136	2403	51.32	5.18	36.75	3.78
5.57	6.02	0.79	9.47	72.18	2438	2743	61.20	6.11	42.94	4.49

## Gearbox model ZF 8AP800

Axle Ratio	Gear Ratio 1°	Gear Ratio 8°	Speed km/h 1°	Speed km/h 8°	RPM at 80 km/h	RPM at 90 km/h	A		B	
							11000		14500	
							1°	8°	1°	8°
3.07	4.890	0.639	21.16	161.89	1087	1223	23.65	1.37	17.58	0.89
3.31	4.890	0.639	19.62	150.16	1172	1318	25.68	1.77	19.06	1.19
3.73	4.890	0.639	17.41	133.25	1321	1486	29.29	2.39	21.67	1.67
4.1	4.890	0.639	15.84	121.22	1452	1633	32.56	2.90	24.00	2.05
4.3	4.890	0.639	15.10	115.58	1522	1713	34.37	3.16	25.28	2.25
4.56	4.890	0.639	14.24	108.99	1614	1816	36.76	3.48	26.96	2.49
4.88	4.890	0.639	13.31	101.85	1728	1944	39.79	3.87	29.05	2.78
5.57	4.890	0.639	11.66	89.23	1972	2219	46.66	4.66	33.70	3.39

## Suspensions

Front mechanical suspension :  
No. of leaves: 1

Rear mechanical suspension:  
No. of leaves: 2+1

## Battery

### Electrics

Voltage V	24
No. of batteries	2
Batteries capacity V/Ah	12 V /120 Ah

**Notes:** Std. on all wheelbases except 4x2 model with 3105 mm wheelbase (models with mechanical suspensions)

## Cabin

# Model Components



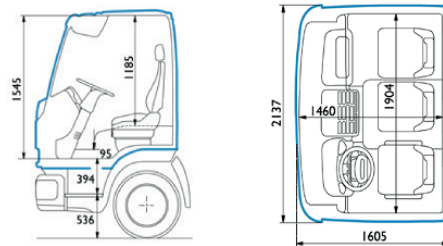
## Day Cab Interior:

Forward control MLC-MLL day cab. Three way adjustable drivers seat with integral head restraint and safety belt. Dual fixed passenger seat with 50/50 split back rest, withhead restraints with one central lap and one outer diagonal and safety belt. Overhead lockers with doors. Windowless rear cab wall with document storage. Large storageshef on passenger side. Four speed fan air flow up to 500m3/hr. kw output. All gauges monitored using international symbols. Automatic electronic digital 24hr tachograph. Speedometer with dual scale instrumentation. Left and right hand entry assist handles. Fully adjustable steering column. Gear selection by means of stalks for automatic gearbox. Column mounted control stalks. Overhead console for tachograph and CB. Courtesy and map reading lights. Engine immobiliser. Handbrake warning buzzer. Drivers safety belt warning buzzer.

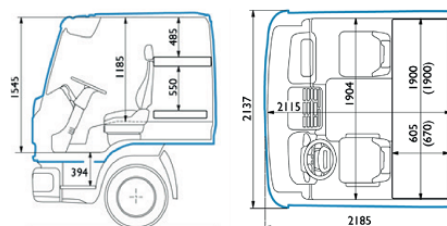
## Day Cab Exterior:

One step cab entry. Suspension helical springs and dampers. Hydraulic tilt to 60 deg. Pressed steel construction with injection moulded plastic for vulnerable components. Electric door windows and laminated windscreen. Heated rear view mirrors to EEC 2003/97 and 2005/27, including 2 wide angle, 1 kerb view and 1 frontview mirror. LED day time running lights (DTRL).

### MLC CAB DIMENSIONS



### MLL CAB DIMENSIONS



# Model Components

## MAIN TECHNICAL FEATURES and NOVELTIES

### Safety and Security

- **Cybersecurity:**

protect and prevent vehicles from Cyber Attacks.

### General Safety Regulation

- **Advanced emergency braking system (AEBS):**

automatically detects an imminent/potential forward collision and activate the vehicle braking system to decelerate the vehicle with the purpose of avoiding or mitigating a collision. The system shall react to other licensed moving vehicles and obstacles present in the front area of the vehicle and has to be active both on urban and highway areas.

- **Lane Departure Warning System (LDWS):**

warns the driver about an unintentional lane departure event (when the vehicle drifts out of its travel lane). The system is suppressed if either hazard lights, a turn indicator, the braking pedal or the steering wheel is active.

- **Alcohol interlock installation facilitation:**

enhance traffic safety by preventing persons with alcohol concentrations exceeding a set limit value from driving a motor vehicle. Vehicle engine can't be started if driver's alcohol concentration is unsafe for driving. Only prefit is supplied as standard, the full device is to be ordered by mean of specific option (CCP 416)

- **Driver Drowsiness & Attention Warning (DDAW):** opt 399 (if included in the configuration, the vehicle is compliant with GSR-B regulation)

alerts driver when driving behavior indicates drowsiness or inattentiveness

- **Emergency stop signal (ESS):**

enhances traffic safety by indicating to other road users to the rear of the vehicle that a high retardation force is being applied; this warning is given by a light-signaling function.

- **Intelligent Speed Assist (ISA):**

helps recognize speed limits and alerts driver, when speed limit is exceeded

- **Tyre Pressure Monitoring System (TPMS):**

alerts driver of tyre pressure loss to help avoid tyre blow out and avoid abnormal fuel consumption

- **Blind Spot Information System (BSIS):**

helps to avoid collisions with Vulnerable Road User near the passenger side while vehicle is turning. As extra-option a BSIS covering the driver side area of the vehicle is available.

- **Moving Off Information System (MOIS):**

During moving off maneuvers it reduces the number of accidents with Vulnerable Road User entering the front area of the vehicle.

- **Reversing Detection (REV):**

Helps to avoid collisions during reversing maneuvers providing rear truck image on a screen.

- **Advanced Driver Distraction Warning (ADDW)** – option 2221 (if included in the configuration, the vehicle is compliant with GSR-C regulation)

The Advanced Driver Distraction Warning system monitors the driver's attention and fatigue levels through a camera mounted on the driver-side windshield pillar. When signs of drowsiness, fatigue, or distraction are detected, the system issues visual and acoustic alerts.

**Note:** The ADDW camera does not record or store any video during driver monitoring and does not use any biometric data, including facial recognition, for its operation.

### Chassis

- **Emergency Braking System (E.B.S.)**

- **More wheelbases available**

### Electris and Electronics architecture

- **Hi-Mux:**

connect all electronic components each other by a high speed transmission line

### Cab

- **Windscreen and tinted windows**

- **Central dashboard and panel redesign**

- **Full screen cluster**

- **7" radio DAB with reverse camera**

- **Voice AI (optional)**

- **Digital tachograph 4.1**

### Engines

- **320 HP engine on 4x4**

- **Emissions level compliant to Euro VI step e phase b regulation**

### Gearbox

- **ZF 8AP 8 speed automatic**

### Exhaust system

- **3 way catalyst positioned on the right side of the frame**

# Model Components

## THREE DIFFERENT EXHAUST PIPE SOLUTIONS:

**STANDARD** - Low exhaust pipe (CCP 2181) - suitable for distribution missions like box, fridge, etc.

**OPTIONAL** - Vertical pipe (CCP 180) - suitable for municipality missions like refuse collector, road sweeper, tipper, ect.

**OPTIONAL** - Vertical muffler (CCP 72902) - suitable for road sweeper application

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## Miscellaneous

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### Fuelling:

Fuel tank :120 LT, plastic; filter, fuel pump, prefilter, fuel separator.

Adblue tank capacity: 30 l.

### Braking system

Disc Brakes :

Diameter : front 377 x 45 mm ventilated disc.  
rear 377 x 45 mm ventilated disc.

Surface area : 602 cm<sup>2</sup>

Type .....Air . Two independent circuits.

Service brake.....ABS+ASR+EVSC

Parking.....Spring parking brake on rear axle.

Exhaust brake.....Standard.

Air drier.....Standard.

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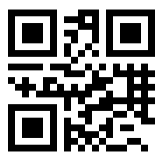
# IVECO

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## **Body Builders Management**

Lungo Stura Lazio 49

Email: [ibb@ivecogroup.com](mailto:ibb@ivecogroup.com)



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