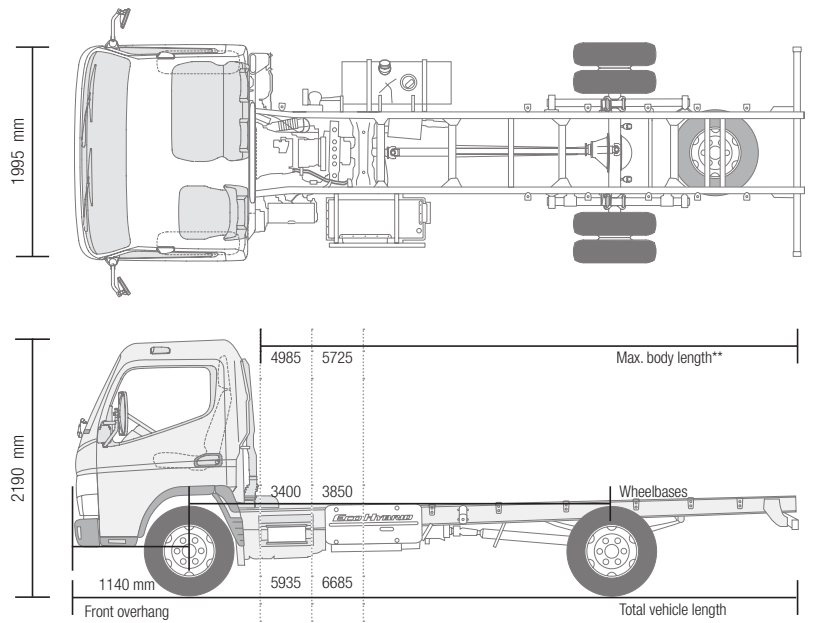




CANTER 7C15 ECO HYBRID



| Mass/Dimensions | | | | |
|--|---------------------|------------------|--------------|------------|
| Model | Vehicle type | 7C15 | | |
| | Cab type | Wide, Single / 3 | | |
| | MB model code | 46844912 | 46849712 | |
| | FUSO model code | FEB74EL3SEA7 | FEB74GL3SEA7 | |
| DIMENSIONS mm | | | | |
| Wheelbase | | 3400 | 3850 | |
| Overall length | | 5935 | 6685 | |
| Cabin length | | 1625 | | |
| Overall width | | 2025 | | |
| Cabin width | | 1995 | | |
| Overall height, approx. | | 2190 | | |
| Tread | Front / Rear | 1665 / 1560 | | |
| Frame height (back of chassis) approx. | | 830 | | |
| Ground clearance, approx. | | 185 | | |
| Cab to rear axle | | 2875 | 3325 | |
| Cab to frame end | | 4270 | 5020 | |
| Max. body length** | | 4985 | 5725 | |
| Frame width | | 750 | | |
| Front overhang | | 1140 | | |
| Rear overhang (to frame end) | | 1395 | 1695 | |
| Front axle to beginning of body | | 625 | | |
| Recommended cab to body gap | | 100 | | |
| WEIGHTS kg | | | | |
| Total curb weight* | | 2695 | 2710 | |
| | Front* / Rear* | 1745 | 950 | 1750 / 960 |
| Minimum vehicle weight | | 2800 | | |
| Max. GVW / Max. GCW | | 7500 / 11000 | | |
| Axle loads | Front / Rear | 3100 / 6000 | | |
| Trailing load | Braked / Non-braked | 3500 / 750 | | |
| Chassis Payload | | 4805 | 4790 | |
| CALCULATED PERFORMANCE | | | | |
| Max. speed w/o speed limiter | km/h | 130 | | |
| Max. gradeability | (tan α)% | 29.5 | | |
| Min. turning radius (m) | Curb to curb | 12.2 | 13.8 | |
| | Wall to wall | 13.8 | 15.2 | |

* including coolant, oils, 90% fuel, spare tire, tools and 75 kg driver; ** calculated maximum value. Should be checked based on installed body and application
 Subject to change without notice. All the information in this data sheet should be viewed as indicative. The illustrations may show accessories and items of special equipment which are not part of standard specification. This data sheet may also contain models and services which are not available in certain countries.



| HYBRID COMPONENTS | | |
|-------------------|----------------------|------------------------------------|
| Electric motor | Type | Permanent Magnet Synchronous |
| | Max. output / torque | 40 kW / 200 Nm |
| Battery | Type | Lithium-ion |
| | Voltage / Capacity | 270 V / 2 kWh |
| Cooling system | Electric motor | ATF (Automatic transmission fluid) |
| | Battery / Inverter | Air / Water |

CANTER 7C15 ECO HYBRID

Engine/Drive line/Chassis

| ENGINE (Euro VI) | | |
|---------------------------|--|-------------------|
| Model | | 4P10-AAT4 |
| Type | 4 stroke, turbo-charged water cooled direct injection diesel engine with intercooler | |
| No. of cylinders | 4 in line | |
| Piston displacement | 2998 cm ³ | |
| Max. output (EEC) | 110 kW (150 PS) / 3500 rpm | |
| Max. torque (EEC) | 370 Nm / 1320 rpm | |
| Diesel particulate filter | Life span approx. 300000 km | |
| Alternator | A.C. 12 Volt, 140 Amp | |
| Emissions aftertreatment | EGR + SCR + DPF | |
| Emissions level | Euro VI | |
| PTO | Type | 31 kW with flange |
| | Torque at max power | 196 Nm |
| | PTO Ratio | 1:0.655 / 1:0.644 |
| | PTO speed at max power | 1500 rpm |

| DRIVE LINE | | |
|----------------------|------------|--|
| Transmission | Model | M038S6 (DUONIC® dual-clutch automated manual transmission) |
| | Type | Automated manual transmission, 6 forward and 1 reverse speed |
| | Gear ratio | 5.397 - 3.788 - 2.310 - 1.474 - 1.000 - 0.701 Rev. 5.397 |
| Final reduction gear | Ratio | 4.875 |

| CHASSIS | | |
|-------------------------------|--------------|---|
| Front axle / Rear axle | Model | F350T / R035T |
| | Rating | 3100 kg / 6000 kg |
| Tyre | | 205/75R17.5C 122M |
| | | Single front, dual rear, optimized rolling resistance tires |
| Wheel | | 17.5 x 6.00 - 127 - 9t - 6 stud |
| Steering | | Left hand drive |
| | | Steering bevel gear and power steering with rack & pinion gear, tilt and telescopic column with steering lock |
| Brake | Service | Hydraulic vacuum assisted 2 circuit split system |
| | Front / Rear | Disc (252 x 40) |
| | Parking | Mechanical, internal expanding type mounted on the rear end of the transmission case |
| | Auxiliary | Exhaust brake (50 kW) |
| Suspension | Front / Rear | Semi-elliptic laminated leaf spring with shock absorbers and stabilizer |
| Frame | Type | C-Profile ladder frame |
| Fuel tank capacity | | 100 l |
| Electrical system – batteries | | 12 Volts (100AH-760A(EN)) |