

Single Comfort Cab

Double Comfort Crew Cab

Dimensions (mm)

| | 3C13-25 | 3C13-30 | 3C13-34 | 3C13-39 | 3C13D-34 |
|---|---------|---------|---------|---------|----------|
| | 3C15-25 | 3C15-30 | 3C15-34 | 3C15-39 | Crew |
| | FB83SB | FB83SD | FB83SE | FB83SG | FB83SEW |
| Chassis dimensions (mm) | | | | | |
| A Wheelbase | 2500 | 2950 | 3350 | 3850 | 3350 |
| B Front overhang | 1140 | 1140 | 1140 | 1140 | 1140 |
| C Rear overhang | 1260 | 1480 | 1480 | 1700 | 1480 |
| D Overall length to end of frame | 4900 | 5570 | 5970 | 6690 | 5970 |
| E Ground to top of frame over rear axle (unladen) | 713 | 712 | 712 | 711 | 706 |
| G Back of cab to end of frame | 3235 | 3905 | 4305 | 5025 | 3305 |
| H Bumper to back of cab | 1665 | 1665 | 1665 | 1665 | 2665 |
| I Front axle to back of cab | 525 | 525 | 525 | 525 | 1525 |
| J Ground to top of cab (unladen) | 2180 | 2180 | 2180 | 2180 | 2230 |
| L Overall width across cab | 1995 | 1995 | 1995 | 1995 | 1995 |
| M Overall width across rear axle | 1924 | 1924 | 1924 | 1924 | 1924 |
| N Frame width | 750 | 750 | 750 | 750 | 750 |
| Turning circle diameter (kerb to kerb) | 9600 | 11000 | 12200 | 13800 | 12200 |
| Turning circle diameter (wall to wall) | 10600 | 12200 | 13400 | 15000 | 13400 |
| Recommended cab (expansion tank) to body gap | 100 | 100 | 100 | 100 | 100 |
| Ground clearance | 170 | 170 | 170 | 170 | 170 |

Dimensions should not be used for bodybuilding - refer to Canter body/equipment directives for detail drawings

Weights (kg)

UK legal weights (kg)

| | | | | | |
|------------|------|------|------|------|------|
| Front axle | 1950 | 1950 | 1950 | 1950 | 1950 |
| Rear axle | 2700 | 2700 | 2700 | 2700 | 2700 |
| GVW | 3500 | 3500 | 3500 | 3500 | 3500 |
| GTW | 7000 | 7000 | 7000 | 7000 | 7000 |

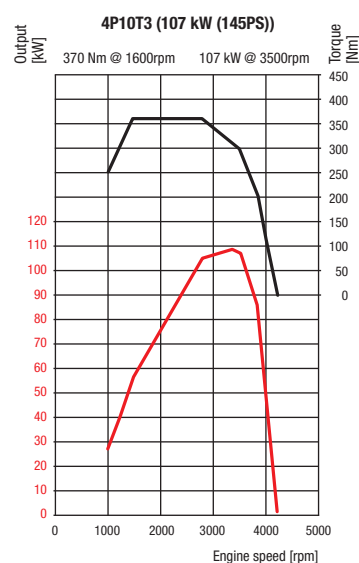
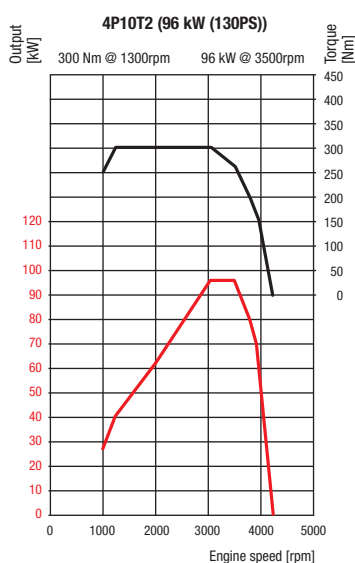
Kerb weights (kg) (Tolerance +/- 5%) According to 70/156/EEC ready to drive inc 90% fuel, tools, 75kg for driver

| | | | | | |
|----------------------------|------|------|------|------|------|
| Front axle | 1525 | 1540 | 1555 | 1555 | 1655 |
| Rear axle | 510 | 520 | 525 | 540 | 625 |
| Total kerb weight | 2035 | 2060 | 2080 | 2095 | 2280 |
| Body and payload allowance | 1465 | 1440 | 1420 | 1405 | 1220 |

Kerb weights are provisional

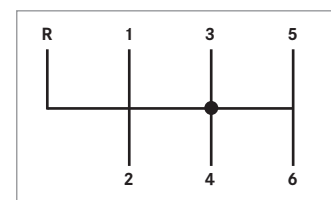
Engine

| | 3C13 | 3C15 |
|--|---|---|
| Model | 4P10-0AT2 | 4P10-0AT3 |
| Type | 4 stroke, turbo-charged water cooled direct injection diesel engine with intercooler to Euro 5 and EEV emission standards | 4 stroke, turbo-charged water cooled direct injection diesel engine with intercooler to Euro 5 and EEV emission standards |
| No. of cylinders | 4 in line | 4 in line |
| Displacement | 2998 cm ³ | 2998 cm ³ |
| Max. output (EEC) | 96kW (130PS) / 3500rpm | 107kW (145PS) / 3500rpm |
| Max. torque (EEC) | 300Nm / 1300rpm | 370Nm / 1600rpm |
| Air cleaner | Dry type with paper element | Dry type with paper element |
| Exhaust Gas Recirculation (EGR) | Cooled (tube type) | Cooled (tube type) |
| After treatment | Ceramic Diesel Particulate Filter (DPF) | Ceramic Diesel Particulate Filter (DPF) |



Transmission

| | | |
|--|--|------------------------|
| Clutch | C3W28 Single plate with hydraulic control | |
| Diameter | 275mm | |
| Gearbox | M037S6 6 speed synchromesh with dash mounted gear lever Provision for side mounted PTO | |
| 1st | 5.152:1 | |
| 2nd | 3.022:1 | |
| 3rd | 1.956:1 | |
| 4th | 1.360:1 | |
| 5th | 1.000:1 | |
| 6th | 0.799:1 | |
| Reverse | 4.636:1 | |
| Front axle | Reverse Elliot 'I' beam | |
| Rear axle | Fully floating standard axle. Single reduction of hypoid type | |
| Standard ratio | 3C13 4.111:1 | 3C15 4.111:1 |
| Performance with standard ratio | | |
| Maximum speed | 81mph / 131kmh | 85mph / 136kmh |
| Maximum gradeability | 50% in first gear | 50% in first gear |
| <i>Gradeability quoted is theoretical and will be limited by tyre adhesion</i> | | |
| Optional rear axle ratios | 4.444:1, 4.875:1 | |



Gearshift Pattern

Chassis

| | |
|-------------------------------|--|
| Suspension | Semi-elliptic laminated leaf springs |
| Steering | Integral power assisted recirculating ball & nut type |
| Brakes | |
| Service | Dual circuit hydraulic with vacuum servo assistance. Auto adjusting front and rear discs Load sensing valve fitted on rear axle |
| Parking | Mechanical handbrake with transmission mounted brake drum |
| Exhaust | Electrically operated by dash switch with accelerator over-ride |
| Front axle | Disc diameter 276mm Disc thickness 28mm (min) |
| Rear axle | Disc diameter 266mm Disc thickness 24mm (min) |
| Electrical | |
| Alternator | 12v / 140amp |
| Battery | 12v / 100Ah - mounted on rear side |
| Wheels and tyres | Silver grey pressed steel six stud wheels |
| Wheel size | 16 x 5.5K |
| Tyre size | 195 / 75R16 |
| Puncture management | Tyre puncture inflation system |
| Fuel system | Rectangular plastic fuel tank with spacer (mounted on offside) Heated fuel filter |
| Tank capacity | 80 litres / 17.6 gallons |
| Exhaust | Silencer mounted longitudinally in the frame with tail pipe discharging rearwards Diesel and particulate oxidation catalysts |
| Other chassis features | High level air intake on offside behind cab Chassis finished in black |
| Frame | Ladder frame, hot rolled channel section, rivetted construction |
| Frame width | See dimension table |
| Frame height and thickness | 190mm and 4.5mm |

Comfort Cab

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| Cab exterior | Aerodynamically styled all steel welded tilt cab with an elastic rubber mount system to minimise vibrations. Heated exterior rear view mirrors. Deep cut side windows for low down urban visibility. Large twin windscreen wipers with washers built into the blades. Single rear window. One piece resin moulded bumper and resin mouldings on the lower door to protect against knocks and scrapes. All front panels and side panels manufactured from resin compounds or galvanised sheet steel for maximum corrosion protection. Aerial mounted on 'A' pillar. Cab tilt angle 45° (not crew cab). |
| External lights | Halogen headlamps with internal levelling function. Front fog lamps. Cab roof mounted front marker lamps. Rear lights temporarily mounted for transport. |
| Cab interior | Grab handles to door and 'A' pillar. Fully trimmed roof and cab rear walls. Tough vinyl floor covering. Three seats with headrests finished in tough fabric material with vinyl sides. Isringhausen adjustable suspension driver's reclining seat and integrated headrest. Steering wheel adjustable for reach and rake with single lever. Height adjustable driver's inertia reel seatbelt. Bench passenger seat with split folding backrest to reveal clipboard and document tray. Storage area between seats with bottle holder. Overhead storage shelves and storage pocket behind centre seat. Three point seat belt for outer passenger seat with a lap belt for centre seat. Electric driver and passenger windows with dual control and lock function from driver's side. Door mounted ashtrays and storage. Dash mounted gearshift. Coat hooks to rear cab wall. Cigar lighter. Twin cup holders. Locking glove box and central storage console. Central courtesy light. Tinted glass. |
| Cab instruments and controls | Speedometer with odometer and trip meter. Engine rev counter. Fuel and temperature gauges. Warning lights for indicators, headlamp high beam, exhaust brake, glow plugs, brake vacuum, front and rear fog lamps, parking brake, battery charge, oil pressure, coolant temperature, low fuel and oil volume. Electronic engine oil level check switch. Immobiliser. Central door locking. Comprehensive direct or recirculating heating system with four speed fan, direction and heat controls. Radio / CD player with digital tuning, aerial and twin door mounted speakers. |
| Left hand stalk | Side and head lamps, front fog lamp, high beam and indicators. |
| Right hand stalk | Windscreen wipers and wash. Exhaust brake. |
| Double crew cab features | Four door six seat crew cab (2 front, 4 rear). Manually winding rear windows. Grab handle and courtesy lights on door pillars. Entrance step each side to rear doors. Central ashtray. Inertia reel seat belts for outer passengers and lap belts for the centre passengers. Additional storage via large internal locker under rear bench seat. Head restraints integrated into seats. Central locking. |

Options

| | |
|------------------------|---|
| Factory options | Air conditioning Anti-lock braking system (ABS) Choice of cab colours Driver's airbag Passenger airbag Limited slip differential Digital tachograph Remote central locking Rear under-run protection Brackets for body mounting Heavy duty battery pack Extended mirror brackets suitable for body width 2280mm (standard on 3850mm w/b) Day time running lights Crew cab heater 100 litre fuel tank (except 2500mm w/b and crew cab) Transmission PTO (147 Nm limit) Hitch ball coupling with rear bumper and electrics Traction tyres Warning triangle Fire extinguisher |
|------------------------|---|