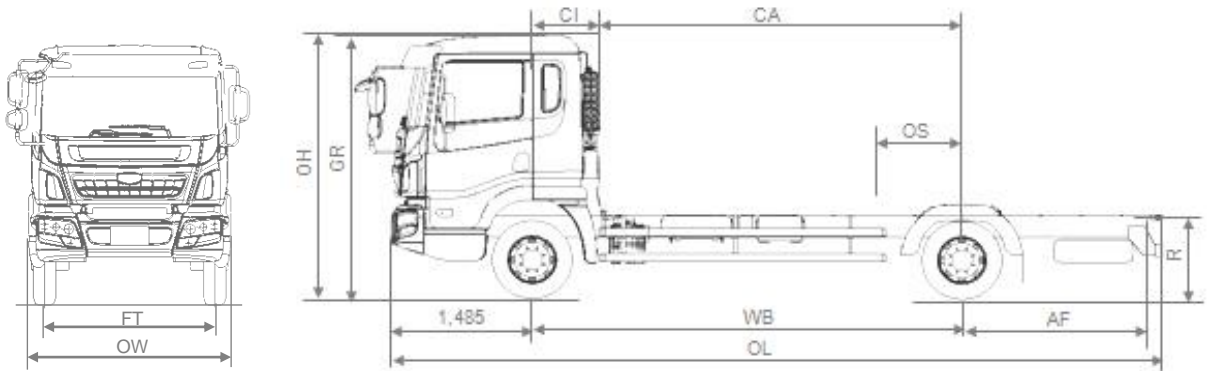


# PRIMA KC6C1 – 4X2 CARGO CHASSIS



## Dimensions (mm)

|           |                                   |       |
|-----------|-----------------------------------|-------|
| <b>OL</b> | Overall length                    | 9,695 |
| <b>OW</b> | Overall width                     | 2,280 |
| <b>OH</b> | Overall height                    | 2,840 |
| <b>FT</b> | Tread – front                     | 1,890 |
| <b>RT</b> | Tread – rear                      | 1,760 |
| <b>WB</b> | Wheelbase                         | 5,800 |
| <b>AF</b> | Rear axle to frame                | 2,410 |
| <b>GR</b> | Ground to roof                    | 2,825 |
| <b>R</b>  | Frame-height at rear axle         | 880   |
| <b>CI</b> | Cab rear to intake duct           | 705   |
| <b>CA</b> | Usable cab to axle                | 5,095 |
| <b>OS</b> | Rear unit offset                  | -     |
| <b>GD</b> | Ground to deck floor              | -     |
| <b>GC</b> | Min. ground clearance (Rear axle) | 185   |
|           | Max. cab tilting angle            | 55°   |

## Weights (kg)

|                   |       |        |
|-------------------|-------|--------|
| Chassis weight    | Front | 3,260  |
|                   | Rear  | 1,590  |
|                   | Total | 4,850  |
| Axle load         | Front | 5,500  |
|                   | Rear  | 9,500  |
| Permissible G.V.W |       | 15,000 |

- Curb weight is subject to a manufacturing tolerance  $\pm 3\%$ . The right is reserved to alter specification or equipment without notice.
- Permissible weight includes upper body weight. Always observe national regulations on permissible axle loads and gross weight.

• Dimensions are standard specification.

## Optional equipments & Dimensions (mm)

NIL

## Optional equipments & Weights (kg)

|                 | Front | Rear | Total |
|-----------------|-------|------|-------|
| T/M PTO         | +10   |      | +10   |
| Tool box        | +5    | +5   | +10   |
| Additional seat | +20   |      | +20   |

• Components weights are provided as a guide and may vary depending on make and manufacturing tolerances.

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## Engine

|                       |  |
|-----------------------|--|
| Model                 | Cummins B5.9                               |
| Type                  | Wastegate turbo intercooler, diesel engine |
| Max. Power            | 215ps (158kw)/ 2,500rpm                    |
| Max. Torque           | 82kg.m (804N.m)/ 1,500rpm                  |
| No. of cylinder       | In-line 6 cylinders                        |
| Bore x Stroke         | 102 x 120 (mm)                             |
| Displacement          | 5,900 (cc)                                 |
| Controller type       | Mechanical                                 |
| Injection type        | Common rail                                |
| Cooling               | Water cooled with visctronic fan           |
| Air cleaner           | Dry paper elements                         |
| Number of oil filters | 1, element type                            |

## Performance

|                         |      |
|-------------------------|------|
| Max. speed(km/h)        | 121  |
| Max. grade ability(%)   | 34.2 |
| Min. turning radius (m) | 10   |

## Suspension

|       |                      |   |
|-------|----------------------|---|
| Front | Type                 | Semi elliptical leaf spring with shock absorber |
|       | Number, Size (L x W) | 8 ea, 1,450x70(mm)                              |
| Rear  | Type                 | Semi elliptical leaf spring                     |
|       | Number, Size (L x W) | 12 ea, 1,300x79(mm)                             |

## Frame

|                     |                             |
|---------------------|-----------------------------|
| Type                | Ladder type, Single channel |
| Size (HxWxt)        | 240x65x6                    |
| Width at frame rear | 880                         |
| Material            | High-strength steel         |

## Brakes

|               |  |
|---------------|--|
| Service       | Full Air Brake, Dual circuit             |
| Drum diameter | 360 mm                                   |
| Lining        | Front 414x190mm                          |
|               | Rear 414x203mm                           |
| Material      | Non-Asbestos                             |
| Parking       | Acting on spring actuator at rear wheels |
| Auxiliary     | Exhaust brake                            |
| Air tank      | 60ℓ(30+30)                               |

## Clutch

|                |                                     |
|----------------|-------------------------------------|
| Type           | Hydraulic control with air assisted |
| Plate diameter | Dry single plate with diaphragm     |
|                | Out side diameter : 395mm           |

## Steering

|                         |                                  |
|-------------------------|----------------------------------|
| Driving position        | Left-hand drive                  |
| Type                    | Recirculating ball with integral |
|                         | Power assisted by oil            |
| Steering column         | Tilt & telescopic                |
| Steering wheel          | 2-spoke wheel with horn button   |
| Steering wheel diameter | 470mm                            |

## Fuel Tank

|                    |                                    |
|--------------------|------------------------------------|
| Position           | Right-hand Side with lockable caps |
| Capacity, Material | 200 ℓ, Steel                       |

## Electrical System

|            |                  |
|------------|------------------|
| Batteries  | 12 volt-100Ahx2  |
| Alternator | 24 volt / 80 amp |
| Starter    | 24 volt / 4.5kW  |

## Applied Options

Air conditioned cabin, 3 seats, Buzzer-Back Alarm, Radio

## Transmission

|                 |                                |
|-----------------|--------------------------------|
| Model           | T8S6                           |
| Oil             | Grade, volume GL-4, 12.5 ℓ     |
| Type            | Manual F6/R1, All synchronizer |
| 1 <sup>st</sup> | 6.571                          |
| 2 <sup>nd</sup> | 3.807                          |
| 3 <sup>rd</sup> | 2.204                          |
| 4 <sup>th</sup> | 1.463                          |
| 5 <sup>th</sup> | 1.000                          |
| 6 <sup>th</sup> | 0.752                          |
| Reverse         | 6.240                          |

## Axles

|       |  |
|-------|--|
| Front | Reverse Elliot "I" beam, Capacity : 5,500 kg |
| Rear  | Banjo single reduction                       |
|       | Final drive ratio 4.333                      |
|       | Capacity 9,500 kg                            |
| Oil   | Grade, Volume GL-5, 8.5 ℓ                    |

## Wheels & Tires

|                   |                             |
|-------------------|-----------------------------|
| Front             | 265/70R19.5-14PR, 6.75x19.5 |
| Rear              | 265/70R19.5-14PR, 6.75x19.5 |
| Material of wheel | Steel                       |
| Number of stud    | 8                           |