



AU: Queensland
GML (General Mass Limits)

- Manufacturer Ratings ✓
- Permissible Weights ✓
- Bridge ✓
- Dimensions ✓
- Turning Circle ✓

	Front (1)	Rear (2)	Total
Chassis Mass	1,840 kg	1,010 kg	2,850 kg
Fuel & Crew	121 kg	68 kg	189 kg
Eurocold 6P	167 kg	933 kg	1,100 kg
Carrier Xarios 600 (189kg) Roa...	160 kg	29 kg	189 kg
Dhollandia DH-RP.06 (ALU 1050x...	-63 kg	228 kg	165 kg
Total Unladen	2,226 kg	2,267 kg	4,493 kg
Payload	523 kg	2,984 kg	3,507 kg
Total Gross	2,749 kg	5,251 kg	8,000 kg
less Permissible	3,100 kg	6,200 kg	8,000 kg
Overload	-351 kg (-11.3%)	-949 kg (-15.3%)	0 kg (0.0%)

* Refer to subsequent pages for notes and warnings

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Date Created: 20 Apr 2021

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Significant Dimensions

Theoretical Wheelbase	3,365 mm
Track Width - Front	1,685 mm
Track Width - Rear	1,670 mm

Centre of Gravity & Weight Distribution - Vehicle

Description	Horizontal COG *	Vertical COG *	Lateral COG *	Front	Rear	Total
Isuzu NQR 87/80-190 6AMT (GVM=8000) Leaf	1,193 mm	610 mm	0 mm	1,840.0 kg	1,010.0 kg	2,850.0 kg
Fuel Tank 1	1,985 mm	600 mm	700 mm	44.8 kg	64.4 kg	109.2 kg
Crew 1st Row	140 mm	1,300 mm	0 mm	76.7 kg	3.3 kg	80.0 kg
Eurocold 6P	2,853 mm	1,652 mm	0 mm	167.4 kg	932.6 kg	1,100.0 kg
Carrier Xarios 600 (189kg) Road-Standby+evap.	516 mm	3,001 mm	0 mm	160.0 kg	29.0 kg	189.0 kg
Dhollandia DH-RP.06 (ALU 1050x1500mm - 165kg)	4,649 mm	424 mm	0 mm	-63.0 kg	228.0 kg	165.0 kg
Payload	2,863 mm	2,165 mm	0 mm	523.2 kg	2,983.6 kg	3,506.8 kg
Total	2,209 mm	1,494 mm	17 mm	2,749.0 kg	5,251.0 kg	8,000.0 kg

* Horizontal COG is measured from Theoretical Wheelbase start; Vertical COG is measured from the ground; Lateral COG from the centre

Notes & Warnings

Notes

- Included = 140.0 l Fuel, 1 Crew at 80.0 kg per person
- Excluded = Tools, Spare Wheel, 5th Wheel
- Overall centre of gravity includes chassis cab, crew, fuel, equipment & payload
- Regulations = AU: Queensland
- Mass Limits = On Road
- Model Code = NH-NQRAC-D18
- Spec Date = 2019/04
- Measurement System = Metric
- Body & Equipment Added = Eurocold 6P, Carrier Xarios 600 (189kg) Road-Standby +evap., Dhollandia DH-RP.06 (ALU 1050x1500mm - 165kg)
- External Body Width = 2,490 mm
- The Cab Tilt Clearance is not calculated, therefore the actual clearance must be confirmed by an engineer
- The Cab Tilt Arc has been estimated, therefore the actual arc must be confirmed with the vehicle manufacturer
- Tail Lift mounting clearance not calculated
- A default value for Chassis Mass has been changed
- The default Vertical Centre of Gravity for vehicle, payload & fridge has been estimated
- The Smallest Turning Circle is used to determine the smallest U-turn that the vehicle is capable of making
- The vehicle's static rollover angle is 28.7°

Warnings

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