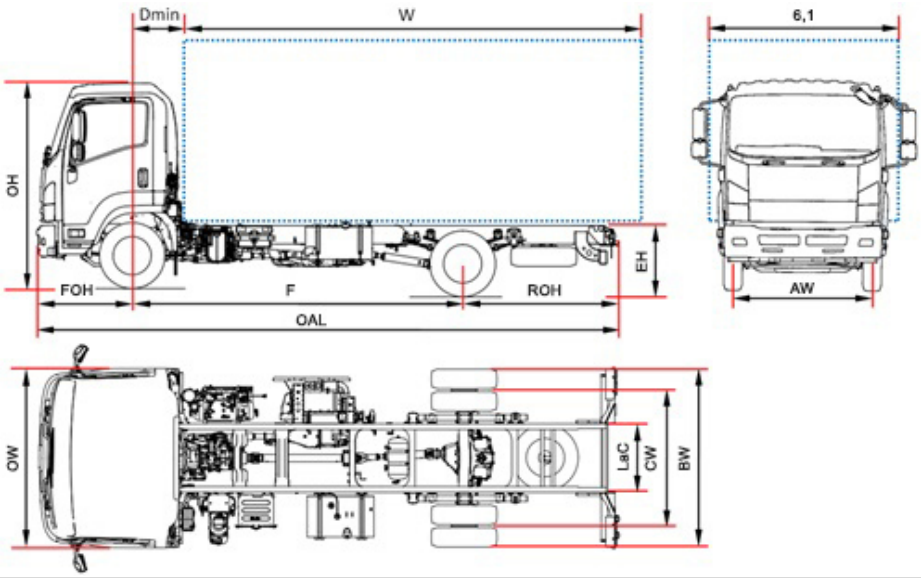
Suspensions mechanic Série Bleu OBD-E (*12 ton*)

OBD-E



F 12		F 12 J
Wheelbase	F	3790
Overall length	OAL	6595
Body lenght min. (1)	W	4720
Body lenght Max. (1)	W	5020
Rear overhang	ROH	1640
Chassis height	EH	890
Overall height	OH	2590
Rear axle width	BW	2240
Cab width (2)	OW	2195
Body width (3)	6,1	2500÷2600
Front axle to back of cab	D min	710
Front overhang	FOH	1165
Frame internal size	LaC	840
Front track	AW	1800
Rear track	CW	1705
Minimum Road Clearance	HH	215
Turning diameter (m) (4)	Dia	13,7
WEIGHT (kg)		
Unladen weight (5)		4102
Unladen weight front axle		2628/1474
Gross Vehicle Weight (GVW)		11990 (6)
Front/rear total weight		4480 / 8480
Max trailer weight braked/ Max trailer weight unbraked		3500 / 750

1. Data obtained from the COC
2. Excluding turn signal and side mirrors
3. Possible widths with optional mirror brackets 2240/2286 – 2286/2406 – 2406/2500
4. Curb to curb turning diameter
5. The Unladen weight include spare wheel, full fuel tank and driver, optional excluded. NEES 2 +30 Kg

PROVISIONAL VERSION: All data must be confirmed by the type approval certificate.

F 12 - Wheelbase (mm) J 3790

APRIL 2025

Equipment	NEES 2 + HSA	

Standard features

- EGR - DPD - SCR
- MID display 7''
- Speed limiter (90km/h)
- Rear lock differential
- Engine exhaust brake
- Power operated windows
- Heated mirrors
- Seat belt buzzer
- Air spring seat
- Automatic air conditioning
- Reverse warning buzzer
- DAB+ Radio - Bluetooth - 6.8'' screen Apple Car Play/Android Auto connection
- USB charging port
- Steering adjustable (tilting and height)
- Cruise control
- Head lamps control levelling
- Front and rear BI-LED lights
- Fog lamps Fr and Rr
- variable SLD
- Immobilizer
- Central locking with remote control
- Cab overturning safety

Engine

ISUZU 4HK1E6H 4 cylinders.
common rail direct-injection intercooler with Twin-Turbocharger, additional injector on exhaust pipe.
DISPLACEMENT 5193 cm^3; POWER 177kW (240 hp) 2400 rpm; TORQUE 765 Nm - 1600 rpm
EMISSIONS REGULATIONS EURO VI OBD-E.

Safety Pack 1

ABS: Anti-lock Braking System	DWS: Forward collision warning system	AEBS: Autonomous Emergency Braking System
ASR: Anti-Slip Regulation	MAM*: Pedal Mis - Application Mitigation	AEBS for Pedestrian & Bicycle: Autonomous Emergency Braking System for Pedestrian & Bicycle
EBD: Electric brakeforce distribution	FVSN: Forward Vehicle Start Notification	Intersection warning: Intersection Warning
EVSC: Electronic Vehicle Stability Control	DDAW: Forward Vehicle Start Notification	TSR: Road sign recognition system
LDWS: Lane Departure Warning System	RM: Rear Monitor	TPMS: Tire Pressure Monitoring System
MOIS: Moving Object Detection System	BSIS: Blind spot monitoring	

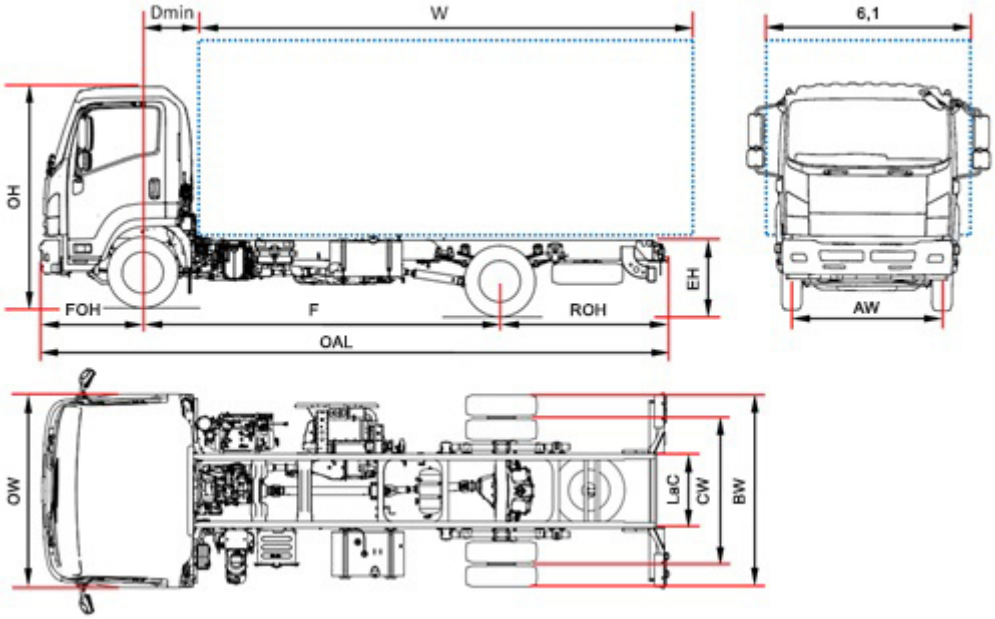
*Only available on models with the "NEES 2" robotized gearbox.

Tank	**140 L (W.B. J)**	**16 L** Ad-Blue®
Gearbox and Final drive ratio	6 gear MZW6P – 6.615 - 4.095 - 2.358 - 1.531 - 1.000 - 0.722; Reverse 6.615; Final gear ratio 5.125	
Transmission control	**Manual**	NEES 2 + Kick down
Dimensions of the chassis	Width 70 mm, Height 234 mm, Thickness 7 mm	
Number of seats	3	
Axle	2 the rear one with twin wheels.	
Tires	Front 245/70 R19,5C simple Rear 245/70 R19,5C dual	
Brakes	Front (370X150 mm) and rear (370X150) mm. To EEC standards with 4-channel ABS, Full Air pneumatic system with two independent circuits and EBS (Brake by wire) electronic control. Engine brake on the exhaust. Pneumatic parking brake on the rear axle.	
Suspensions	Front and rear: Multi taper leaf spring. Front and rear stabilizer shaft	
Electric system	2 battery 110 A - System 24V - Generator 90A	

PROVISIONAL VERSION: All data must be confirmed by the type approval certificate.

Suspensions air Série Bleu OBD-E (*12 ton*)

OBD-E



F 12		F 12 J	F 12 L	F 12 N	F 12 Q
Wheelbase	F	3790	4360	4990	5320
Overall length	OAL	6600	7470	8370	8740
Body lenght min. (1)	W	4725	5595	6495	6865
Body lenght Max. (1)	W	5025	5895	6795	7165
Rear overhang	ROH	1645	1945	2215	2255
Chassis height	EH	785			
Overall height	OH	2590	2585	2585	2585
Rear axle width	BW	2210			
Cab width (2)	OW	2195			
Body width (3)	6,1	2500÷2600			
Front axle to back of cab	D min	710			
Front overhang	FOH	1165			
Frame internal size	LaC	840			
Front track	AW	1800			
Rear track	CW	1670			
Turning diameter (m) (4)	Dia	13,7	15,5	17,5	18,6
WEIGHT (kg)					
Unladen weight (5)		4182	4292	4352	4372
Unladen weight front axle		2633/1549	2683/1609	2705/1644	2798/1644
Gross Vehicle Weight (GVW)		11990 (6)			
Front/rear total weight		4480 / 8480			
Max trailer weight braked/ Max trailer weight unbraked		3500 / 750			

1. Data obtained from the COC
2. Excluding turn signal and side mirrors
3. Possible widths with optional mirror brackets 2240/2286 -2286/2406 -2406/2500
4. Curb to curb turning diameter
5. The Unladen weight include spare wheel, full fuel tank and driver, optional excluded. NEES 2 +30 Kg
6. On request: total weight reduced to 13.5 tons, prior MCTC test required.

PROVISIONAL VERSION: All data must be confirmed by the type approval certificate.

F 12 - Wheelbase (mm) J 3790 - L 4360 - N 4990 - Q 5320

APRIL 2025

Equipment	NEES 2 + HSA HSA - Hill Start Assist	

Standard features

- EGR - DPD - SCR
- MID display 7''
- Heated mirrors
- Speed limiter (90km/h)
- Engine exhaust brake
- Power operated windows
- Air spring seat
- Seat belt buzzer
- Cab overturning safety
- Automatic air conditioning
- Steering adjustable (tilting and height)
- DAB+ Radio - Bluetooth - 6.8'' screen Apple Car Play/Android Auto connection
- USB charging port
- variable SLD
- Head lamps control levelling
- Central locking with remote control
- Cruise control
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- Fog lamps Fr and Rr
- Immobilizer

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MOIS: Moving Object Detection System	BSIS: Blind spot monitoring	

*Only available on models with the "NEES 2" robotized gearbox.

Tank	**140 L (W.B. J)** **200 L (W.B. L,N,Q)**	**16 L** Ad-Blue®
Gearbox and Final drive ratio	6 gear MZW6P – 6.615 - 4.095 - 2.358 - 1.531 - 1.000 - 0.722; Reverse 6.615; Final gear ratio 5.125 (W.B. J**); 4.555 (**W.B. L,N,Q)	
Transmission control	**Manual**	NEES 2 + Kick down
Dimensions of the chassis	Width 70 mm, Height 234 mm, Thickness 7 mm	
Number of seats	3	
Tires	Front: 245/70 R19,5C simple. Rear 245/70 R19,5C dual	
Brakes	Front (370X150 mm) and rear (370X150) mm. To EEC standards with 4-channel ABS, Full Air pneumatic system with two independent circuits and EBS (Brake by wire) electronic control. Engine brake on the exhaust. Pneumatic parking brake on the rear axle.	
Suspensions	Front: Multi taper leaf spring.Rear: 4-bag Air Suspension with height control.Front and rear stabilizer shaft.	
Electric system	2 battery 110 A - System 24V - Generator 90A	

PROVISIONAL VERSION: All data must be confirmed by the type approval certificate.