

# AIR SUSPENSION - OBDC - 12 ton

DIMENSIONS (mm)						
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MODEL NAME		F 12 J	F 12 L	F 12 N	F 12 Q	
Wheelbase	X	3790	4360	4990	5320	
Wheelbase Overall lenght	K	3790 6620	4360 7490	4990 8390	5320 8690	
Wheelbase Overall lenght Body lenght min <sup>1</sup>	K W	3790 6620 4735	4360 7490 5605	4990 8390 6505	5320 8690 6805	
Wheelbase Overall lenght Body lenght min <sup>1</sup> Body lenght max <sup>1</sup>	K W W	3790 6620 4735 5085	4360 7490 5605 5955	4990 8390 6505 6855	5320 8690 6805 7155	
Wheelbase Overall lenght Body lenght min <sup>1</sup> Body lenght max <sup>1</sup> Rear overhang	K W W Y	3790 6620 4735	4360 7490 5605 5955 1955	4990 8390 6505 6855 2225	5320 8690 6805	
Wheelbase Overall lenght Body lenght min <sup>1</sup> Body lenght max <sup>1</sup> Rear overhang Chassis height (unladen)	K W W Y T	3790 6620 4735 5085	4360 7490 5605 5955 1955	4990 8390 6505 6855 2225	5320 8690 6805 7155	
Wheelbase Overall lenght Body lenght min <sup>1</sup> Body lenght max <sup>1</sup> Rear overhang Chassis height (unladen) Overall height (unladen)	K W W Y	3790 6620 4735 5085	4360 7490 5605 5955 1955 78	4990 8390 6505 6855 2225 35	5320 8690 6805 7155	
Wheelbase Overall lenght Body lenght min¹ Body lenght max¹ Rear overhang Chassis height (unladen) Overall height (unladen) Rear axle width	K W W Y T H	3790 6620 4735 5085	4360 7490 5605 5955 1955 78 25	4990 8390 6505 6855 2225 35 85	5320 8690 6805 7155	
Wheelbase Overall lenght Body lenght min <sup>1</sup> Body lenght max <sup>1</sup> Rear overhang Chassis height (unladen) Overall height (unladen) Rear axle width Cab width <sup>2</sup>	K W Y T H L	3790 6620 4735 5085	4360 7490 5605 5955 1955 78 25 22 21	4990 8390 6505 6855 2225 35 85 05	5320 8690 6805 7155	
Wheelbase Overall lenght Body lenght min <sup>1</sup> Body lenght max <sup>1</sup> Rear overhang Chassis height (unladen) Overall height (unladen) Rear axle width Cab width <sup>2</sup> Body width <sup>3</sup>	K W Y T H L C	3790 6620 4735 5085	4360 7490 5605 5955 1955 25 22 21 2406	4990 8390 6505 6855 2225 85 05 95	5320 8690 6805 7155	
Wheelbase Overall lenght Body lenght min <sup>1</sup> Body lenght max <sup>1</sup> Rear overhang Chassis height (unladen) Overall height (unladen) Rear axle width Cab width <sup>2</sup>	K W Y T H L	3790 6620 4735 5085	4360 7490 5605 5955 1955 78 25 22 21	4990 8390 6505 6855 2225 85 05 95	5320 8690 6805 7155	
Wheelbase Overall lenght Body lenght min¹ Body lenght max¹ Rear overhang Chassis height (unladen) Overall height (unladen) Rear axle width Cab width² Body width³ Front axle to back of cab Front overhang	K W Y T H L C	3790 6620 4735 5085	4360 7490 5605 5955 1955 25 22 21 2406 6	4990 8390 6505 6855 2225 85 85 05 95 7 2500	5320 8690 6805 7155	
Wheelbase Overall lenght Body lenght min¹ Body lenght max¹ Rear overhang Chassis height (unladen) Overall height (unladen) Rear axle width Cab width² Body width³ Front axle to back of cab Front overhang Frame internal size	K W W Y T H L C Dmin A	3790 6620 4735 5085	4360 7490 5605 5955 1955 25 22 21 2406 77	4990 8390 6505 6855 2225 35 85 005 95 7 2500	5320 8690 6805 7155	
Wheelbase Overall lenght Body lenght min¹ Body lenght max¹ Rear overhang Chassis height (unladen) Overall height (unladen) Rear axle width Cab width² Body width³ Front axle to back of cab Front overhang Frame internal size Front track	K W W Y T H L L1 C Dmin A I C1	3790 6620 4735 5085	4360 7490 5605 5955 1955 25 22 21 2406 7' 11 84	4990 8390 6505 6855 2225 35 85 005 95 7 2500 10 75	5320 8690 6805 7155	
Wheelbase Overall lenght Body lenght min <sup>1</sup> Body lenght max <sup>1</sup> Rear overhang Chassis height (unladen) Overall height (unladen) Rear axle width Cab width <sup>2</sup> Body width <sup>3</sup> Front axle to back of cab Front overhang Frame internal size Front track Rear track	K W W Y T H L C Dmin A	3790 6620 4735 5085	4360 7490 5605 5955 1955 25 22 21 2406 7' 11 84	4990 8390 6505 6855 2225 35 85 005 95 7 2500	5320 8690 6805 7155	
Wheelbase Overall lenght Body lenght min <sup>1</sup> Body lenght max <sup>1</sup> Rear overhang Chassis height (unladen) Overall height (unladen) Rear axle width Cab width <sup>2</sup> Body width <sup>3</sup> Front axle to back of cab Front overhang Frame internal size Front track Rear track Minimum Road Clearance	K W W Y T H L L1 C Dmin A I C1	3790 6620 4735 5085	4360 7490 5605 5955 1955 25 22 21 2406 7' 11 84	4990 8390 6505 6855 2225 35 85 005 95 7 2500 10 75	5320 8690 6805 7155	
Wheelbase Overall lenght Body lenght min <sup>1</sup> Body lenght max <sup>1</sup> Rear overhang Chassis height (unladen) Overall height (unladen) Rear axle width Cab width <sup>2</sup> Body width <sup>3</sup> Front axle to back of cab Front overhang Frame internal size Front track Rear track Minimum Road Clearance WEIGHT (kg)	K W Y T H L L1 C Dmin A I C1 C2	3790 6620 4735 5085 1665	4360 7490 5605 5955 1955 25 22 21 2406 7' 11 84 18	4990 8390 6505 6855 2225 85 85 05 95 7 2500 10 75 40	5320 8690 6805 7155 2195	
Wheelbase Overall lenght Body lenght min <sup>1</sup> Body lenght max <sup>1</sup> Rear overhang Chassis height (unladen) Overall height (unladen) Rear axle width Cab width <sup>2</sup> Body width <sup>3</sup> Front axle to back of cab Front overhang Frame internal size Front track Rear track Minimum Road Clearance WEIGHT (kg) Unladen weight <sup>4</sup>	K W Y T H L L1 C Dmin A I C1 C2	3790 6620 4735 5085 1665	4360 7490 5605 5955 1955 25 22 21 2406 7 11 84 18	4990 8390 6505 6855 2225 85 85 05 95 7 2500 10 75 40 05 70	5320 8690 6805 7155 2195	
Wheelbase Overall lenght Body lenght min <sup>1</sup> Body lenght max <sup>1</sup> Rear overhang Chassis height (unladen) Overall height (unladen) Rear axle width Cab width <sup>2</sup> Body width <sup>3</sup> Front axle to back of cab Front overhang Frame internal size Front track Rear track Minimum Road Clearance WEIGHT (kg) Unladen weight front axle	K W Y T H L L1 C Dmin A I C1 C2	3790 6620 4735 5085 1665 4155 2650	4360 7490 5605 5955 1955 25 22 21 2406 / 7' 11 84 18 16 4215 2690	4990 8390 6505 6855 2225 85 85 05 95 7 2500 10 75 40 05 70	5320 8690 6805 7155 2195 4295 2725	
Wheelbase Overall lenght Body lenght min¹ Body lenght max¹ Rear overhang Chassis height (unladen) Overall height (unladen) Rear axle width Cab width² Body width³ Front axle to back of cab Front overhang Frame internal size Front track Rear track Minimum Road Clearance WEIGHT (kg) Unladen weight⁴ Unladen weight front axle Unladen weight rear axle	K W Y T H L L1 C Dmin A I C1 C2	3790 6620 4735 5085 1665	4360 7490 5605 5955 1955 25 22 21 2406 7 11 84 18	4990 8390 6505 6855 2225 85 85 05 95 7 2500 10 75 40 05 70	5320 8690 6805 7155 2195	
Wheelbase Overall lenght Body lenght min¹ Body lenght max¹ Rear overhang Chassis height (unladen) Overall height (unladen) Rear axle width Cab width² Body width³ Front axle to back of cab Front overhang Frame internal size Front track Rear track Minimum Road Clearance WEIGHT (kg) Unladen weight⁴ Unladen weight front axle Unladen weight vehicle equipped	K W Y T H L L1 C Dmin A I C1 C2	3790 6620 4735 5085 1665 4155 2650	4360 7490 5605 5955 1955 25 22 21 2406 / 7' 11 84 18 16 4215 2690	4990 8390 6505 6855 2225 85 85 05 95 7 2500 10 75 40 05 70	5320 8690 6805 7155 2195 4295 2725	
Wheelbase Overall lenght Body lenght min¹ Body lenght max¹ Rear overhang Chassis height (unladen) Overall height (unladen) Rear axle width Cab width² Body width³ Front axle to back of cab Front overhang Frame internal size Front track Rear track Minimum Road Clearance WEIGHT (kg) Unladen weight⁴ Unladen weight front axle Unladen weight rear axle	K W Y T H L L1 C Dmin A I C1 C2	3790 6620 4735 5085 1665 4155 2650	4360 7490 5605 5955 1955 25 22 21 2406 A 7' 11 84 18 16 4215 2690 1525	4990 8390 6505 6855 2225 85 85 05 95 7 2500 10 75 40 05 70	5320 8690 6805 7155 2195 4295 2725	
Wheelbase Overall lenght Body lenght min¹ Body lenght max¹ Rear overhang Chassis height (unladen) Overall height (unladen) Rear axle width Cab width² Body width³ Front axle to back of cab Front overhang Frame internal size Front track Rear track Minimum Road Clearance WEIGHT (kg) Unladen weight⁴ Unladen weight front axle Unladen weight vehicle equipped	K W Y T H L L1 C Dmin A I C1 -	3790 6620 4735 5085 1665 4155 2650	4360 7490 5605 5955 1955 25 22 21 2406, 77 11 84 18 16 4215 2690 1525	4990 8390 6505 6855 2225 85 85 05 95 72500 10 75 40 05 70	5320 8690 6805 7155 2195 4295 2725	

<sup>1.</sup> The length of the body refers to a uniformly loaded vehicle, up to the maximum capacity on each axle (dimensions declared in C.O.C. with no chassis modifications).

### ALL DATA MUST BE CONFIRMED BY THE TYPE APPROVAL CERTIFICATE

<sup>2.</sup> Excluding turn signal and side mirrors

<sup>3.</sup> Possible widths with optional mirror brackets short 2195/2286 – medium 2286/2406 – extra large 2500/2550

I. The Unladen weight include spare wheel, full fuel tank and driver 75 kg. AMT: +25 kg



### AIR SUSPENSION - OBDC - 12 ton

## W/B (mm) J 3790 - L 4360 - N 4990 - Q 5320

### 2017

Equipment	Automated transmission NEES 2 with HSA				
<ul> <li>Standard features</li> <li>EGR – DPD (Diesel particulate diffuser)</li> <li>SCR con Ad-Blue®</li> <li>Multi information display</li> <li>Air conditioning</li> <li>Speed limiter (90km/h)</li> <li>Engine exhaust brake</li> </ul>	<ul> <li>Steering wheel adjustable</li> <li>Air suspension seat</li> <li>Electric windows</li> <li>Side mirrors heated and electric</li> <li>Warning reverse</li> <li>Radio with USB</li> </ul>	<ul> <li>Head lamps control leveling</li> <li>Immobilizer</li> <li>Central locking with remote control</li> <li>Cruise control</li> <li>Daytime running line</li> <li>Fog lamps</li> </ul>			
Engine	ISUZU 4HK1E6C Diesel, 4 cylinders 16-valve, common rail direct- injection intercooler with Variable-geometry turbocharger. Displacement 5193 cm³ Power max 177kW (240HP) at 2400 giri/min Torque max 765 Nm a 1600 giri/min Emission level EURO VI update OBD-C				
Tank capacity	Fuel Lt 140	Ad-Blue® Lt 16			
Safety system	ABS ESC (Electronic Stability Control) with ASR LDWS (Lane Departure Warning System) AEBS (Active Emergency Braking System) SRS air-bags driver				
Transmission ratios	6 gear MZW6P – 6.615 - 4.095 - 2.358 - 1.531 - 1.000 - 0.722; Reverse 6.615; Final gear ratio W/B J 5.125 (41/8) - Final gear ratio other W/B 4.555 (41/9)				
Transmission control	MANUAL	NEES 2 – Automated T/M			
Frame dimension	Width 60 mm, height 225 mm, thickness 6 mm				
Seat number	3				
Tire	245/75 R19,5, with rear twin wheels				
Brake	Front and rear: drum brake. Wheel parking brake: rear, air control. Brake type: full air				
Suspension	Front: Multi taper leaf spring. Rear: 4-bag Air Suspension with height control. Front and rear stabilizer shaft				
Electrical system	2 battery 115 A - System 24V - Alternator 90A				

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