GIGA SERIES



EXY 460

Chrome appearance grille available on 530 models only Vehicle shown not representative of EXY 460

WEIGHT RATINGS GVM GCM E N G I N E 24,000 kg POWER 55,000 kg TORQUE

 POWER
 338 kW (460PS) @ 1,800 rpm (DIN NET)

 TORQUE
 2,256 Nm @ 900 - 1,300 rpm (DIN NET)

USUZI

GIG/

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TRANSMISSION

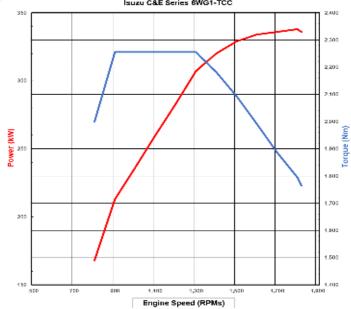
18 speed manual transmission (MT) 16 speed automated manual transmission (AMT)

* Refer to back page for detailed weight rating T) information

INTELLIGENT SAFETY			
	Advanced Emergency Brake System	(AEB)	
	Adaptive Cruise Control (AMT only)	(ACC)	
	Adaptive Driving Beam headlights	(ADB)	
	Anti Skid Regulator	(ASR)	
	Anti Lock Braking System	(ABS)	
	Automatic Lighting System	(ALS)	
ACTIVE SAFETY ADVANCED DRIVER	Distance Warning System	(DWS)	
ASSISTANCE SYSTEMS (ADAS)	Electronic Brake System	(EBS)	
	Electronic Stability Control	(ESC)	
	Forward Collision Warning	(FCW)	
	Hill Start Aid	(HSA)	
	Lane Departure Warning	(LDW)	
	Traffic Movement Warning	(TMW)	
	Vehicle Assistance Technology	(VAT)	
PASSIVE SAFETY CABIN OCCUPANT SAFETY SYSTEMS (COSS)	Drivers side airbag & seatbelt pretensioner, multi-function steering wheel controls, Internally reinforced doors		

ISUZU WARRANTY	COVER
WARRANTY	5 Year / 500,000 km Warranty#

ENGINE	
DESCRIPTION	Isuzu 6WG1 - TCC
ТҮРЕ	6 cylinder 24 valve SOHC
DISPLACEMENT	15,681 cc
BORE X STROKE	147mm x 154mm
POWER	338 kW (460PS) @ 1,800 rpm (DIN NET)
TORQUE	2,256 Nm @ 900 - 1,300 rpm (DIN NET)
INDUCTION	Electronically controlled variable nozzle turbocharger with air-to-air intercooler
FUEL INJECTION	Direct injection high pressure common rail
EMISSION CONTROL	Selective Catalytic Reduction (SCR). Euro V compliant



Isuzu C&E Series 6WG1-TCC

EXY 460

CLUTCH								
	Type: E	Type : Eaton twin plate with clutch brake						
МТ	Clutch	Clutch Plate Diameter: 394mm (15.5")						
	Type: D	liaphragn	n twin pla	ate pull ty	/pe			
AMT	Clutch	Plate Dia	ameter:	394mm (:	15.5")			
					,			
TRANSMI	SSION	10 N						
	Descrij	otion: Ea	ton RTLC	18918B				
	Type: 1	L8 speed	manual o	constant i	mesh			
	Ratios	Ratios:						
	1ST	2ND	3RD	4TH	5TH	6TH	7TH	
	14.40	12.29	8.56	7.30	6.05	5.15	4.38	
МТ	8ТН	9TH	10TH	11TH	12TH	13TH	14TH	
	3.74	3.20	2.73	2.29	1.92	1.62	1.38	
	15TH							
	1.17	1.00	0.86	0.73				
	Reverse : L/L 15.05, L/H 12.86, H/L 4.03, H/H 3.43							
		Power Take Off facility : Provision on bottom & RHS transmission case						
	Description: Isuzu MJX16							
	Type: 16 speed Automated Manual synchromesh							
	Ratios	:						
	1ST	2ND	3RD	4TH	5TH	6TH	7TH	
АМТ	14.01	11.34	9.93	8.03	6.84	5.53	4.58	
AFT	8TH	9TH	10TH	11TH	12TH	13TH	14TH	
	3.71	3.05	2.47	2.16	1.75	1.49	1.20	
	15TH							
	1.00	0.81	12.58	10.18		<i>c</i> .		
	Case	Power Take Off facility: Provision on LHS of transmission case						

AXLES	
FRONT	Description: Isuzu F075
	Type: Reverse Elliot I-beam
	Capacity: 7,500 kg
	Description: Isuzu RT210
REAR	Type : Hypoid tandem drive with inter-axle lock
	Capacity : 21,000 kg
	Ratio: 3.90:1

SUSPENSION		
	FRONT	Tapered parabolic leaf springs with double acting shock absorbers & stabiliser bar
	REAR	Isuzu 8-bag air suspension with stabilizer bars & hydraulic shock absorbers on both axles

BRAKES				
	Dual circuit drum brake system featuring:			
	- Electronic Brake System (EBS)			
TYPE	- Electronic Stability Control (ESC)			
	- Hill Start Assist (HSA)			
	- Advanced Emergency Brake System (AEB)			
DIAMETER FRONT	410mm x 160mm			
DIAMETER REAR	410mm x 220mm			
PARK BRAKE	Spring operated on rear axles			
AUXILIARY BRAKE	Isuzu air operated exhaust brake			
	Isuzu magnetic driveshaft retarder			
STEERING				
ТҮРЕ	Recirculating ball with integral power assistance			
WHEEL LOCK ANGLE	Inner 45° / Outer 35°			
WHEELS & TYRES				
	Wheels: 22.5" x 8.25" 165mm offset, Alcoa disc			
FRONT	Tyres : 275/70R22.5 148/145			
	Max tyre rating: 6,300 kg			
	Wheels: 22.5" x 8.25" 165mm offset, Alcoa alloy disc			
REAR	Tyres: 275/70R22.5 148/145			
	Max tyre rating: 23,200 kg			
CHASSIS FRAME				
ТҮРЕ	Rolled steel channel. Cold riveted ladder frame HT540 weldable steel			
DIMENSIONS	285mm x 85mm x 7mm			
FUEL TANK & ADB	LUE TANK			
ТҮРЕ	Frame mounted alloy fuel tank LHS. Frame mounted AdBlue tank LHS			
CAPACITY	Diesel = 400L / AdBlue = 75L			
FUEL CAP	Lockable			
ELECTRICAL SYST	Е М			
TYPE	24 volt			
ALTERNATOR	60 amp			
STARTER MOTOR	24V-7.0kW output			
BATTERY	2 x N120, (660 CCA) connected in series			



CABIN GENERAL FEATURES

STEPS	Three heavy duty anti-slip steps		
DOORS	Drivers: 88° & passengers: 70° opening internally reinforced doors		
MIRRORS	Door mounted 22" main & convex mirrors heated & power adjustable		
WIPERS	Two speed windscreen wipers with variable intermittent wipe mode		
EXTERIOR LIGHTING	Adaptive driving beam (ADB), LED automated headlights with wash function & automated rear combination lamps Roof mounted clearance lamps Front LED fog lamps		
AUDIBLE WARNING	Reverse alarm		
GRILLE	Painted cab colour		
SECURITY	Central locking with keyless entry and engine immobiliser		

INSTRUMENTATION

	AEB, FCW, DWS, LDW, ADB, HSA, ACC (AMT only), TMW, EBS, ESC
MULTI INFORMATION DISPLAY	Low fuel, water separator, low coolant,
	AdBlue warnings, speed limit, engine overheat, ASR,
	low voltage, charging, engine oil pressure,
	cab tilt, low air pressure, parking brake,
	AMT-warnings, VAT system, radar, cruise control,
	weave warning, maintenance display, fuel economy advice.
GENERAL	Speedometer, Tachometer, air pressure, coolant temp & AdBlue gauges
INSTRUMENTATION	Hour meter, odometer / trip meter

CABIN INTERIOR

	Driver: ISRINGHAUSEN 6860 with arm rest (AMT only)		
SEATING	Integrated seatbelt with pre-tensioner, shoulder adjustment, heater/ventilation, lumbar support, firmness adjustment, seat cushion tilt, lowering, horizontal position & height adjustment		
	Passenger: Fixed bucket with reclining adjustment		
SEATBELTS	3-point type on drivers & passenger seats		
STEERING COLUMN	Adjustable up/down & forward/backward tilt		
ENTRY ASSIST GRIPS	Driver & passenger large assist hand grip with a sill plate grip. Driver's step light		
DOOR WINDOWS	Electrically operated		
	Centre storage console		
STORAGE	Two overhead storage lockers		
	Dual cup holders		
POWER OUTLET	Two 5V 2.4 amp USB outlets & one 24V socket		
AIRCONDITIONING	Auto control		
INTERIOR LIGHTING	LED interior lighting		

AUDIO VISUAL UNIT

SCREEN TYPE	6.2" LCD with capacitive touch		
OPERATING SYSTEM	Android		
RADIO	AM/FM/DAB+ Internet radio via smart phone		
INTERNAL STORAGE CAPACITY	32GB		
OTHER CAPABILITY	Provision for external camera inputs, navigation, reverse sensors and tyre pressure monitoring		

DRIVER CONTROLS

SAFETY SYSTEMS	AEB off, LDW & ACC on/off, FCW & ACC distance setting, ESC off, head lamps & ALS on/off		
	HSA on/off switch		
ENGINE	Idle speed control		
CNUINC	Cruise control		
TRANSMISSION (AMT)	Auto/Manual, Econo, Smart Glide off, shift down retarder over ride & skip shift switches		
GENERAL CONTROLS	Exhaust brake & retarder controls, windscreen/washer switch, horn, remote mirror switches, super kick drive switch & inter-axle lock		





AMT model shown

EXY 460



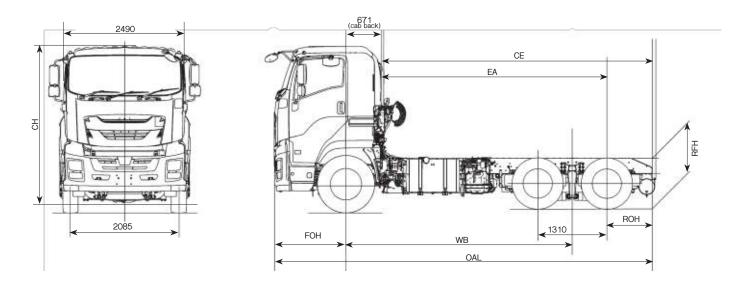
WEIGHTS (kg)

MODELS	RATINGS*		LOADING LIMIT* (at ground)		CAB CHASSIS WEIGHT #		
	GVM	GCM	FRONT	REAR	FRONT	REAR	TOTAL
EXY 460 AMT	24,000	55,000	6,000	15,000	4,494	3,240	7,734
EXY 460	24,000	55,000	6,000	15,000	4,775	3,415	8,190

* Vehicle ratings and axle weight limits are subject to government regulatory requirements and weight distribution analysis. Consult your Isuzu dealer to select the correct vehicle for your specific application.

Cab chassis only as supplied and including 10 litres of fuel.

DIMENSIONS (mm) (m)									(m)		
MODELS	WB	OAL	FOH	ROH	EA	CE	REAR TRACK	OUTSIDE REAR TRACK	CH (calculated)	RFH (unladen)	TURNING CIRCLE kerb to kerb
EXY 460 AMT	4,300	7,190	1,370	865	4,284	5,149	1,870	2,485	3,059	940	15
EXY 460	4,300	7,190	1,370	865	4,284	5,149	1,870	2,485	3,059	940	15



PERFORMANCE (calculated - typical paved road)

		GEARED SPEED* (top gear at peak power engine rpm)	LOW SPEED GRADEABILITY (lowest forward gear assuming no wheel slip)	ENGINE SPEED (top gear at 90 km/h)
EXY 460 AMT	At 24,000 kg GVM	101 km/h @ 1,800 rpm	101%	1,602 rpm
EXY 460	At 24,000 Kg GVM	112 km/h @ 1,800 rpm	103%	1,443 rpm

* Maximum speed achievable depends on vehicle frontal area as well as other factors. Consult your Isuzu dealer for more detailed information.

ORDER CODES					
MODELS	CODES				
EXY 460 AMT	EX0115				
EXY 460	EX0215				

#Total 5 Year Warranty, including Base Warranty (36 months / 250,000kms) and Additional Warranty (24 months / 250,000kms), cover is 60 months or 500,000kms, whichever comes first. To qualify for Additional Warranty, all scheduled servicing during the Base and Additional Warranty periods (ie. the total 60 months) must be performed by an authorised Isuzu service dealer from the date of delivery to the first customer. If scheduled servicing is performed by unauthorized service providers, only the Base Warranty will apply.

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