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/

KHIKE O

TRANSMISSION

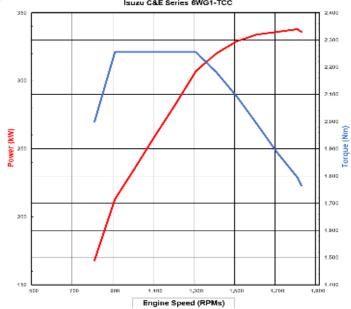
18 speed manual transmission (MT) 16 speed automated manual transmission (AMT)

* 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



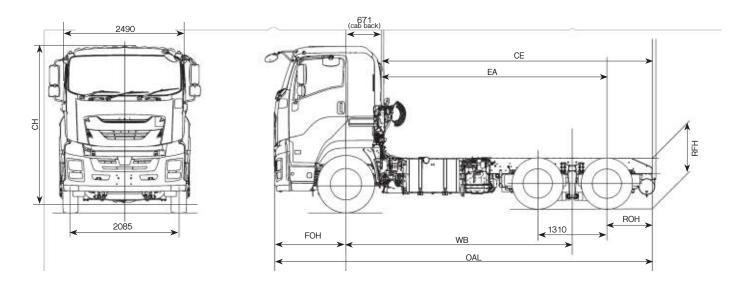
WEIGHTS (kg)

| 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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