

# SPECIFICATIONS

MODEL: LT-Z400/Z (K8)

E-19, 28, 33

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## DIMENSIONS AND DRY MASS

Overall length .....	1 830 mm (72.0 in)
Overall width.....	1 165 mm (45.9 in)
Overall height .....	1 160 mm (45.7 in)
Wheelbase .....	1 245 mm (49.0 in)
Front track .....	935 mm (36.8 in)
Rear track.....	910 mm (35.8 in)
Ground clearance .....	265 mm (10.4 in)
Seat height .....	810 mm (31.9 in)
Dry mass.....	169 kg (373 lbs)

## ENGINE

Type.....	4-stroke, liquid-cooled, DOHC
Number of cylinders.....	1
Bore .....	90.0 mm (3.543 in)
Stroke.....	62.6 mm (2.465 in)
Displacement.....	398 cm <sup>3</sup> (24.3cu. in)
Compression ratio.....	11.2 : 1
Carburetor .....	MIKUNI BSR37 single
Air cleaner .....	Polyurethane foam element
Starter system.....	Electric
Lubrication system.....	Dry sump
Idle speed.....	1 500 ± 100 r/min

## DRIVE TRAIN

Clutch.....	Wet multi-plate type
Transmission.....	5-forward and 1-reverse
Gearshift pattern, forward .....	1 down 4 up, foot operated
Reverse.....	Foot/hand operated
Primary reduction ratio .....	2.960 (74/25)
Gear ratios, Low.....	2.538 (33/13)
2nd .....	1.666 (30/18)
3rd .....	1.238 (26/21)
4th .....	1.000 (23/23)
Top .....	0.846 (22/26)
Reverse .....	2.153 (28/13)
Final reduction ratio .....	2.857 (40/14)
Drive chain .....	RK 520SMOZ10S, 96 Links

## CHASSIS

Front suspension .....	Independent, double wishbone, coil spring, oil damped
Rear suspension.....	Swingarm type, coil spring, oil damped
Front wheel travel .....	215 mm (8.5 in)
Rear wheel travel.....	230 mm (9.1 in)
Caster .....	8.5°
Trail.....	36 mm (1.42 in)
Toe-in.....	5 mm (0.20 in)
Camber .....	- 0.9°
Steering angle .....	41° (right & left)
Turning radius .....	3.1 m (10.2 ft)
Front brake.....	Disc brake, twin
Rear brake .....	Disc brake
Front tire size.....	AT22 × 7 R10 ☆☆ tubeless
Rear tire size .....	AT20 × 10 R 9 ☆☆ tubeless

## ELECTRICAL

Ignition type.....	Electronic ignition (CDI)
Ignition timing .....	10° B.T.D.C. at 1 500 rpm
Spark plug .....	NGK CR7E or DENSO U22ESR-N
Battery.....	12V 28.8 kC (8 Ah)/10 HR
Generator.....	Three-phase A.C. generator
Main fuse.....	20A
Fan fuse .....	10A
Headlight.....	12V 30/30W × 2
Brake light/Taillight .....	12V 21/5W
Neutral indicator light.....	12V 3W
Reverse indicator light .....	12V 3W
Coolant temperature indicator light.....	12V 3W

## CAPACITIES

Fuel tank , including reserve.....	10.0 L (2.6/2.2 US/Imp gal)
Reserve .....	2.7 L (0.7/0.6 US/Imp gal)
Engine oil , oil change .....	2 000 ml (2.1/1.8 US/Imp qt)
With filter change .....	2 100 ml (2.2/1.8 US/Imp qt)
Overhaul.....	2 200 ml (2.3/1.9 US/Imp qt)
Coolant.....	1.2 L (1.3/1.1 US/Imp qt)