



## 2005 Model Information

MODEL CODE: **KX65-A6**

MODEL NAME: **KX65**



### MODEL CONCEPT

Since its debut, the KX65 has established itself as *the* entry-level machine for young riders who hold aspirations of becoming tomorrow's MX champions.

The first years in a young rider's career are marked by the steady acquisition of riding skills. As one of the top mini-motocrossers in its class, the KX65 provides the potential for early racing success.

With a high-performing, liquid cooled 64cc engine, the KX65 delivers the kind of high-end punch that you'd expect from a green machine, yet also aims to deliver strong low and mid-range performance with a wide, manageable powerband.

Long travel suspension and front and rear disc brakes undoubtedly make the KX65 one of the best-equipped bikes in its category; the chassis and engine performance mean the KX65 can be ridden harder and faster by more experienced riders and can also accommodate a wider size and weight range of young

racers.

The availability of a variety of rear suspension pull rod lengths allows settings to be tailored to suit rider skill level, from beginner through to expert.

With a range of tweaks to engine and chassis based on racing feedback, the KX65 looks all set to rip in the minicrosser class. And it will look just as cool as ever, sporting hot new graphics and aggressive styling just like its bigger KX brothers.

## MAIN FEATURES

### Engine

- ★ 64 cc liquid-cooled, two-stroke single.
- ★ Like the larger KXs, the cylinder is bolted directly to the crankcase, eliminating the through bolts and possible bore deformation caused by irregular heat-induced expansion.
- ★ Centrally located exhaust port gives high performance throughout the rev range.
- ★ Machined exhaust port rib reduces scuffing of the piston for improved reliability.
- ★ Tall radiator with efficient shrouding delivers reliability and durability particularly during long motos in hot conditions.
- ★ Large airbox and large element gives clean air intake and contributes to the KX65's sharp throttle response.
- ★ Lowboy exhaust pipe features separate chamber and silencer with aluminium silencer housing for ease of maintenance chores.
- ★ Slick-shifting 6-speed transmission features motocross ratios.
- ★ Needle bearings on the clutch actuating mechanism (release shaft) and a roller at the shift position lever allow quick, smooth shifting and light operation, ideal for those youngsters moving up from clutchless bikes.

### Chassis

- ★ Frame features detachable left rear section to ease suspension and air cleaner maintenance.
- ★ Sturdy 33 mm telescopic front fork delivers flex-resistance and precise steering.
- ★ Bottom-link Uni-Trak rear suspension delivers superior handling performance when traversing rough ground. Rocker now made of forged aluminium (previously welded steel) for reduced weight. The changes to the geometry of the new rocker complement the longer swingarm and increase leverage of the new, more rearward wheel position.
- ★ Shock is reservoir equipped to resist fade.
- ★ Optional pull rods available to adjust seat height. A 1 mm change to pull rod length results in a 2 mm change to seat height. (Link characteristics also change depending on pull rod length.)  
**Pull rod length fitting effect on seat height**  
85.3 mm option seat height increased  
86.3 mm standard -  
87.3 mm option seat height decreased  
88.3 mm option seat height decreased
- ★ Front and rear disc brakes deliver brilliant braking performance. Both front and rear brakes use light weight 180 mm discs operated by compact, single-piston calipers.
- ★ Lightweight front and rear aluminium rims reduce unsprung weight and contribute to excellent suspension action.
- ★ Brake pedal sealed to prevent wear.
- ★ Roller bearings used in steering head for smooth steering.

## Ergonomics/Styling

- ★ Tank, seat, side covers and fenders give the machine the slim, aggressive look of the big KX motocrossers.
- ★ Slim overall dimensions make the KX65 fun to race and ride.
- ★ Radical new colours and graphics match those of the larger KX motocrossers and make the KX65 the hottest looking mini-motocrosser on the market.

## SPECIFICATIONS

## KX65-A6

### ENGINE

Type	2-stroke single
Displacement	64 cc
Bore and Stroke	44.5 x 41.6 mm
Compression Ratio	8.4:1
Carburettor	Mikuni VM24SS
Induction	4-petal piston reed valve
Ignition	Magneto CDI
Starting	Primary kick
Cooling	Liquid
Lubrication	Pre-mix (32:1)

### DRIVETRAIN

Transmission	6-speed, Return
Primary drive	Gear
Final drive	Chain
Clutch	Wet multi-disc, manual

### FRAME

Type	High-tensile steel semi-double cradle with detachable left-side rear section
Suspension:	front 33 mm telescopic fork rear Bottom-Link Uni-Trak
Wheel travel:	front 210 mm rear 240 mm
Tyre:	front 60/100-14 30M rear 80/100-12 41M
Caster (rake)	27°
Trail	60 mm
Steering angle (left/right)	40° / 40°

### BRAKES

Front	Single 180 mm disc
Front caliper	Single-piston
Rear	Single 180 mm disc
Rear caliper	Single-piston

## **DIMENSIONS**

Overall length	1,590 mm
Overall width	760 mm
Overall height	955 mm
Wheelbase	1,120 mm
Ground clearance	305 mm
Seat height	760 mm
Dry weight	57 kg
Fuel capacity	3.8 litres

## **PERFORMANCE**

Max. power	12.3 kW {16.7 PS}/ 12,500 rpm
Max. torque	9.7 N·m {0.99 kgf·m}/ 11,000 rpm

The specifications mentioned here apply to and have been achieved by production models under standard operating conditions. We intend only to give a fair description of the vehicle and its performance capabilities but these specifications may not apply to every machine supplied for sale. Kawasaki Heavy Industries, Ltd. reserves the right to alter specifications without prior notice. Equipment illustrated and specifications may vary to meet individual markets.

**Kawasaki Motorcycle Distributors.**  
PO Box 22-139 Otahuhu, Auckland.  
[www.kawasaki.co.nz](http://www.kawasaki.co.nz)