

# 2024 MODEL INFORMATION

**Kawasaki**  
Let the Good Times Roll



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MODEL NAME **KX85 / KX85 L**

MARKETING CODE **KX85CRFNN / KX85DRFNN**

Version: 28 MARCH 2023

Intended as a general reference for the preparation of sales promotion and marketing material, some of the material contained herein may not apply to your market.

Photos used in this Model Information generally depict the USA model.



## CONCEPT

# MOTOCROSS RACE BIKES FOR FUTURE CHAMPIONS

Some of Kawasaki's best-known AMA Supercross and Motocross champions got their start racing at Loretta Lynn's for Team Green; greats like Jeremy McGrath, Ricky Carmichael, James Stewart, Ryan Villopoto and Adam Cianciarulo.

Kawasaki has long realised the importance of fostering young talent, and providing up-and-coming racers with the guidance and tools they need to win.

The noticeably strong engine performance is complemented by shrouds designed to accommodate the height of the 12-16-year-old riders racing in this class. Engine and transmission updates for increased durability, Dunlop tyres, and striking styling inspired by Kawasaki's KX factory race machines complete the package.

Their engine and transmission benefit from durability, the change to Dunlop tyres are fitted, combined with shrouds contribute to the sharper styling package.

Fitting ambassadors for the KX brand, this trio of motocross machines stands ready to propel the champions of tomorrow to the top of the podium.

## POINTS TO PUSH

### ADVANTAGE 01 MORE POWER, GREATER USEABILITY

Building on the strengths of its predecessors, the KX85 offers race-winning potential in a competitive class. The power is instantly noticeable, making the KX feel fast everywhere on the track, especially where riders can take advantage of its stronger low-end torque.

#### 6-Position Handlebar – P.8

A choice of six positions allows riders to tailor their riding position.

#### Slim Ergonomics – P.8

Minimalist bodywork, flat tank and slim, flat seat were designed to facilitate moving around on the bike.

#### Factory-Inspired Styling – P.9

Like Kawasaki's top motocross models, bold, functional looks reflect these models' race-winning potential. The shrouds contribute both to ergonomics and the aggressive styling. Factory-inspired touches like black alumite rims and green alumite suspension adjusters strengthen the KX family resemblance.



KX85L Shown

#### Strong Transmission – P.5

Complementing the power of the engine is the transmission that benefits the KX85 and KX85 L.

### ADVANTAGE 02 THE RIGHT FIT

Feeling at one with your machine is extremely important for speed and control – especially for aspiring racers learning how to get the most from themselves and their bikes. With multiple models to choose from, riders can select the model that best suits their size and ability.

### ADVANTAGE 03 AGGRESSIVE KX LOOKS

In terms of both ergonomic fit that facilitates control, and bold, functional looks, the styling of this of KX machine moves a step closer to Kawasaki's full-size motocrossers.

#### Shroud Design – P.8

Shrouds designed to accommodate a wider range of riders make it easier for riders to find a good fit on the bike.

#### Cooling Performance – P.5

The shroud design more efficiently directs air to the radiator, contributing to cooling performance.

#### Multiple Size Options – P.7

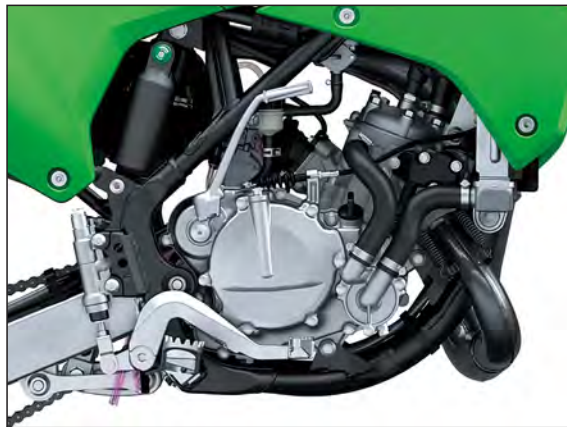
Riders can choose from two available wheel sizes: the KX85D feature 19" front and 16" rear wheels; the KX85C is equipped with a 17" front and 14" rear.

## TECHNICAL DETAILS

# ENGINE

## 2-Stroke Single

The KX85 L and KX85 offer race-winning potential in a competitive class. The power is instantly noticeable, making the motorcycle feel fast everywhere on the track, especially where riders can take advantage of its strong low-end torque.



## Engine Performance and Durability Features

While the displacement for the KX85 and KX85 L remains unchanged, they share a number of engine and transmission improvements.

- \* Liquid-cooled, two-stroke Single engine with piston reed valve induction.
- \* PWK 28 semi-flat slide carburettor contributes to sharp response across the rev range.
- \* KIPS (Kawasaki Integrated Power Valve System) offers excellent sealing, contributing to engine performance.
- \* Stronger bearing retainers for the small-end needle bearings, and big-end needle bearings with greater load capacity help in harnessing the greater output of the engine.
- \* The shroud design more efficiently directs air to the radiator, contributing to cooling performance.
- \* Complementing the increased power of the engine is a 6-speed transmission.  
(Photo 2)



KX85 L

# CHASSIS

## Perimeter Frame

- \* Sturdy perimeter frame, designed to harness the engine's power, offers the advantages of strength and torsional rigidity, allowing riders to push hard on the track.

## Sturdy Suspension

- \*  $\varnothing 36$  mm inverted front fork offers excellent damping and bottoming resistance, enabling high-paced riding while contributing to ride comfort. Adjustable compression damping allows riders to fine-tune their settings. (Photo 3)



- \* Uni Trak rear suspension is adjustable for compression and rebound damping, as well as spring preload.

## Brakes

- \* Petal disc brakes front and rear, just like the larger KX models, contribute to strong braking performance.
- \* Large-diameter  $\varnothing 220$  mm front brake gripped by a dual-piston caliper is complemented by a  $\varnothing 184$  mm disc and single-piston caliper at the rear. (Photos 4-5)



## Tyres

\* Dunlop MX33 tyres are fit standard, offering excellent grip, slide control, bump absorption and durability. (Photos 6-7)



## Multiple Size Options

Designed for a range of riders, the KX85 and KX85 L offer multiple size options, making it easier to find a bike that fits.

\* The KX85, featuring a 17-inch front wheel and 14-inch rear, is powered by a high-revving 84 cc 2-stroke engine mounted in a sturdy perimeter frame. (Photo 8)

KX85 (KX85C)



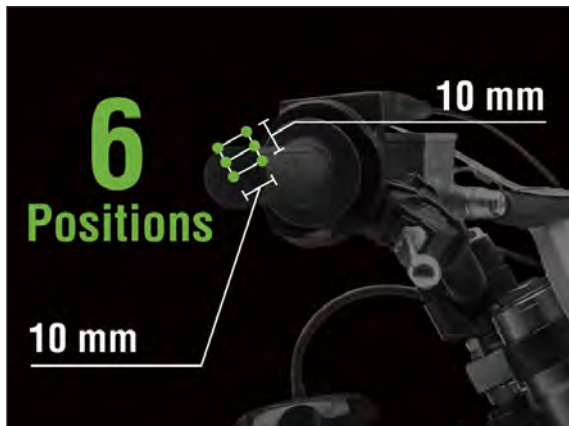
\* With its 19-inch front and 16-inch rear wheels, the KX85 L is a large-wheel version of the KX85 and is designed for slightly taller riders. (Photo 9)

KX85 L (KX85D)



## Adjustable Handlebar: 6 Positions

An adjustable handlebar allows riders to custom-fit their riding position.



- \* Riders are able to choose from six possible handlebar positions. Collars offer a choice of three heights (STD, +5 mm, +10 mm), while reversible handlebar clamps allow two forward/rearward positions (STD, +10 mm FWD).

## Slim Ergonomics

Similar to Kawasaki's full-size motocrossers, the bodywork of the KX85/85 L forms a slim ergonomics package that facilitates rider movement, while contributing to strong factory looks.



- \* Flat top of the fuel tank facilitates sitting forward to weight the front wheel when cornering.
- \* Slim, flat-style seat makes it easier for riders to slide forward and back to adjust their riding position.
- \* Shrouds designed to accommodate a wider range of riders make it easier for taller riders to find a good fit on the bike. (Photo 11)



MY22 shown in the images



- \* Minimalist side covers were made as small as possible.
- \* Seams between the shrouds, seat and side covers are very flush, which facilitates control as well as moving around on the bike.

## Aggressive KX Looks

In terms of both ergonomic fit that facilitates control, and bold, functional looks, the styling of the KX machines moves a step closer to Kawasaki's full-size motocrossers.

- \* Like Kawasaki's top motocross models, bold, functional looks reflect these models' race-winning potential and allow aspiring racers to look just like their Kawasaki heroes when leading the pack.
- \* The shrouds contribute both to ergonomics and the aggressive styling.
- \* Rims are coated in black alumite – just like our factory racers.
- \* Fork and rear shock adjusters have a green alumite finish – another factory-inspired touch that strengthens the KX family resemblance.
- \* Brushed aluminium finish on the swingarm contributes to the high-quality image.



## COLOUR(S)

### KX85 L - KX85DRFNN (LARGE WHEEL)

\* Lime Green (GN1)



### KX85 - KX85CRFNN (SMALL WHEEL)

\* Lime Green (GN1)



## SPECIFICATIONS

### KX85 L - KX85DRFNN (LARGE WHEEL)

DIMENSIONS	
Overall length	1,920 mm
Overall width	765 mm
Overall height	1,150 mm
Wheelbase	1,310 mm
Road clearance	330 mm
Seat height	870 mm
Curb mass	77.0 kg
Fuel tank capacity	5.0 litres

### KX85C - KX85CPFNN (SMALL WHEEL)

DIMENSIONS	
Overall length	1,830 mm
Overall width	765 mm
Overall height	1,110 mm
Wheelbase	1,265 mm
Road clearance	290 mm
Seat height	830 mm
Curb mass	74.6 kg
Fuel tank capacity	5.0 litres

### KX85 - KX85CRFNN (SMALL WHEEL)

### KX85 L - KX85DRFNN (LARGE WHEEL)

ENGINE	
Type	Liquid-cooled, 2-stroke Single with KIPS
Valve system	Piston reed valve
Bore x Stroke	48.5 x 45.8 mm
Displacement	84 cc
Compression ratio	KX85C/D Low Speed: 10.9:1; High speed: 9.0:1
Fuel supply	Carburettor: Keihin PWK28
Lubrication system	Pre-mix (32:1)
Starting system	Primary kick
Ignition system	Digital CDI
DRIVETRAIN	
Driving system	Chain
Transmission	6-speed, return
Gear ratios:	2.538 (33/13)
	1.875 (30/16)
	1.500 (27/18)
	1.250 (25/20)
	1.090 (24/22)
	0.956 (22/23)
Primary reduction ratio	3.400 (68/20)
Final reduction ratio	KX85D 3.923 (51/13)
	KX85C 3.571 (50/14)
Clutch type (Primary)	Wet multi-disc, manual

## KX85 - KX85CRFNN (SMALL WHEEL) KX85 L - KX85DRFNN (LARGE WHEEL)

## KAWASAKI TECHNOLOGY



FRAME	
Type	Perimeter, high-tensile steel
Suspension: Front	ø36 mm inverted telescopic fork with adjustable compression damping
Rear	Uni Trak, single shock with adjustable compression and rebound damping and adjustable spring preload
Wheel travel: Front	275 mm
Rear	275 mm
Caster (Rake angle)	29.0°
Trail KX85D	108 mm
KX85C	97 mm
Steering angle (left/right)	45° / 45°
Tyre: Front KX85D	70/100-19 42M
KX85C	70/100-17 40M
Rear KX85D	90/100-16 51M
KX85C	90/100-14 49M
Brakes: Front Type	Single ø220 mm petal disc (Effective diameter: ø202 mm)
Caliper	Dual-piston
Rear Type	Single ø184 mm petal disc (Effective diameter: ø150 mm)
Caliper	Single-piston

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. Available colours may vary by market.