

AK 550

The Thrills of Touring

For People Who Demand Nothing But The Best

In celebrating its 50th anniversary, KYMCO proudly presents AK 550 ("Anniversario KYMCO"), a flagship maxi scooter that makes no compromise between everyday comfort and sheer riding pleasure.





June 2013, TAIWAN

The concept of "Super Touring" that defines "The Thrills of Touring" took shape at KYMCO headquarter.





November 2014, ITALY

The initial "K50" concept design was previewed at KYMCO 50 Year Anniversary Global Distributor Event at Milan.



March 2016, JAPAN

The "K50 Concept" was unveiled at Tokyo Motorcycle Show.

AK 550

AK

THE THRILLS OF TOURING
KYMCO AK 550



October 2016, GERMANY

AK 550, the production version of "K50 Concept", officially launches at Intermot Cologne.

THE JOURNEY TO GREATNESS

AK 550 integrates "innovation and breakthrough", "lifestyle and performance", "luxury and practicality", and "comfort and convenience" in perfect unison to provide the riders with unparalleled riding experiences.





THE THRILLS OF TOURING

You Can Proudly Enjoy The Best
of Both Worlds

AK 550 is the pioneer of the new scooter segment "Super Touring", which aims to provide both the comfort and convenience of a scooter together with the attitude and performance of a sportbike.

Thrills

Sporty & Charismatic

Touring

Premium & Practical

Noodoe is a revolutionary connected scooter experience from KYMCO for the new Internet era.

Noodoe puts the rider at the center of everything and makes every moment – from when you approach your KYMCO, through the journey, the parking, when you return, even stopping at a red light – an amazing and more-fun experience. It's a brilliant interplay of technologies and human needs that elevates your every interaction with your scooter into a heart-winning experience.





NOVEMBER 2016

Museo della Scienza e della Tecnologia
Leonardo da Vinci

KYMCO, one of the most trusted global brands for scooters, motorcycles and ATVs, unveiled today the world's first ready-to-market connected scooter experience, Noodoe. Developed based on a rider-centric design, this groundbreaking smart dashboard is creating a revolutionary connected scooter experience for the new Internet era, empowering riders to stay informed, connected and social. The announcement of the new dashboard launch was made at the international motorcycle and scooter show in Milan Italy, Esposizione Internazionale Ciclo e Motociclo e Accessori (EICMA).

NOVEMBER 2016

Milan Italy, Esposizione Internazionale
Ciclo e Motociclo e Accessori (EICMA)



JANUARY 2017

Las Vegas, USA.

At CES 2017, KYMCO introduced, to the United States, the first ready-to-market, IoT connected scooter. United States media, technology enthusiasts, and scooter riders, were shown KYMCO Noodoe: a new truly rider-centric lifestyle design and interface that accommodates the daily needs of modern riders by putting them in the very center of the riding experience.



MARCH 2017

KYMCO Noodoe comes to Tokyo.

The K50 concept once stunned Tokyo, also known as recent hot topic, AK 550. Nearly one year after K50 revealed, KYMCO once again returns to Tokyo, Japan, the nation is best known for its scooter. KYMCO introduces three new models of scooter (AK 550, Racing S 125 and Cozy electric scooter) equipped with Noodoe. Mr. Allen Ko, the Chairman of KYMCO Group, accepted the interview and said.

NOVEMBER 2016



NOVEMBER 2016



JANUARY 2017



MARCH 2017

Magic happens the instant your phone connects with your smart scooter. You can create your one-of-a-kind connected scooter experience right from the Noodoe app on your phone. You can easily find your scooter when you park it in a crowded lot. And you can connect, interact and bond with other riders who've also entered the new era in personal transportation.



Getting From A to B Will Never Be the Same Smarter Personal Transportation with Ride Mode

On the fully personalizable Smart Dashboard, Ride Mode gives you the weather report as you begin your journey, guides you safely to your destination with Smart Compass, shows you what's around, reminds you how fast you're cruising, and of course displays the time to help you be punctual.



Clock Weather Compass Speed

Never a Boring Red Light with Stop Mode

Stop Mode makes red lights into a great way to catch up on all the important things happening in your life. It alerts you if you missed an important call, lets you glance through messages and social updates from your friends, and brings you breaking news and other notifications in real time.



Missed Call CNN News Whatsapp Facebook



Locate Your KYMCO Instantly with Find My Ride

Never lose another second hopelessly wandering a crowded scooter parking lot. Noodoe automatically memorizes your scooter's location when you park and guides you back to it in no time.

Create, Share, and Become a Part of the New Global Community

Noodoe lets you take self-expression to the ultimate level by designing your own one-of-a-kind dashboards. You can publish them to the Noodoe cloud to share with the world. People can simply admire your creations or actually install them onto their scooters. Your fans can follow you, and you can follow others, too. Just imagine how cool it is to have your own designs appreciated and actually used by people around the world!



Gorgeous Premium Design

AK 550 sets the bar for the perfect integration of sport and premium designs with its utmost attention to every detail. From the streamlined gorgeous body with full LED lighting to the nicely sculptured emblems and multi-textured seating surfaces, it not only stands out from the crowd but also gives the rider the pride of ownership.



Comprehensive Lightweight Construction

AK 550's every component is engineered with the aim to achieve maximum strength with minimum weight. Its lightweight aluminum frame provides the rigidity necessary for spirited riding. The selected lightweight radial tire combined with the hollow designed low-pressure die casting aluminum wheels further reduce the unsprung weight.

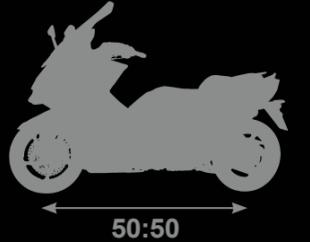




SUPER TOURING

Strategic Center Of Gravity Placement

AK 550 has the lowest center of gravity in its class. All body components are engineered to give the vehicle a near 50/50 front to rear weight distribution for perfect balance. This strategic placement of the center of gravity provides the most solid foundation for AK 550 to pursue its ultimate handling capability.



Performance Oriented Chassis

Upside-down Fork Front Suspension

AK 550 features upside-down fork front suspension with dual disk Brembo caliper brakes. It keeps the vehicle agile and steady during cornering and delivers stunning stopping power whenever needed.

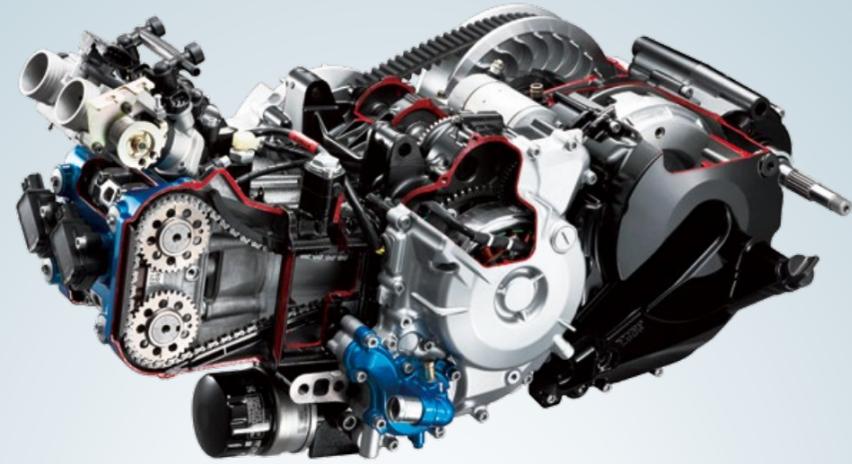
Horizontal Trailing Arm Rear Suspension

AK 550's three-stage reducer technology separates the weight of the engine from the transmission. It reduces the unsprung weight of the rear suspension and helps keep the wheel tightly attached to the ground at any time.

New Generation Bosch Anti-lock Braking System

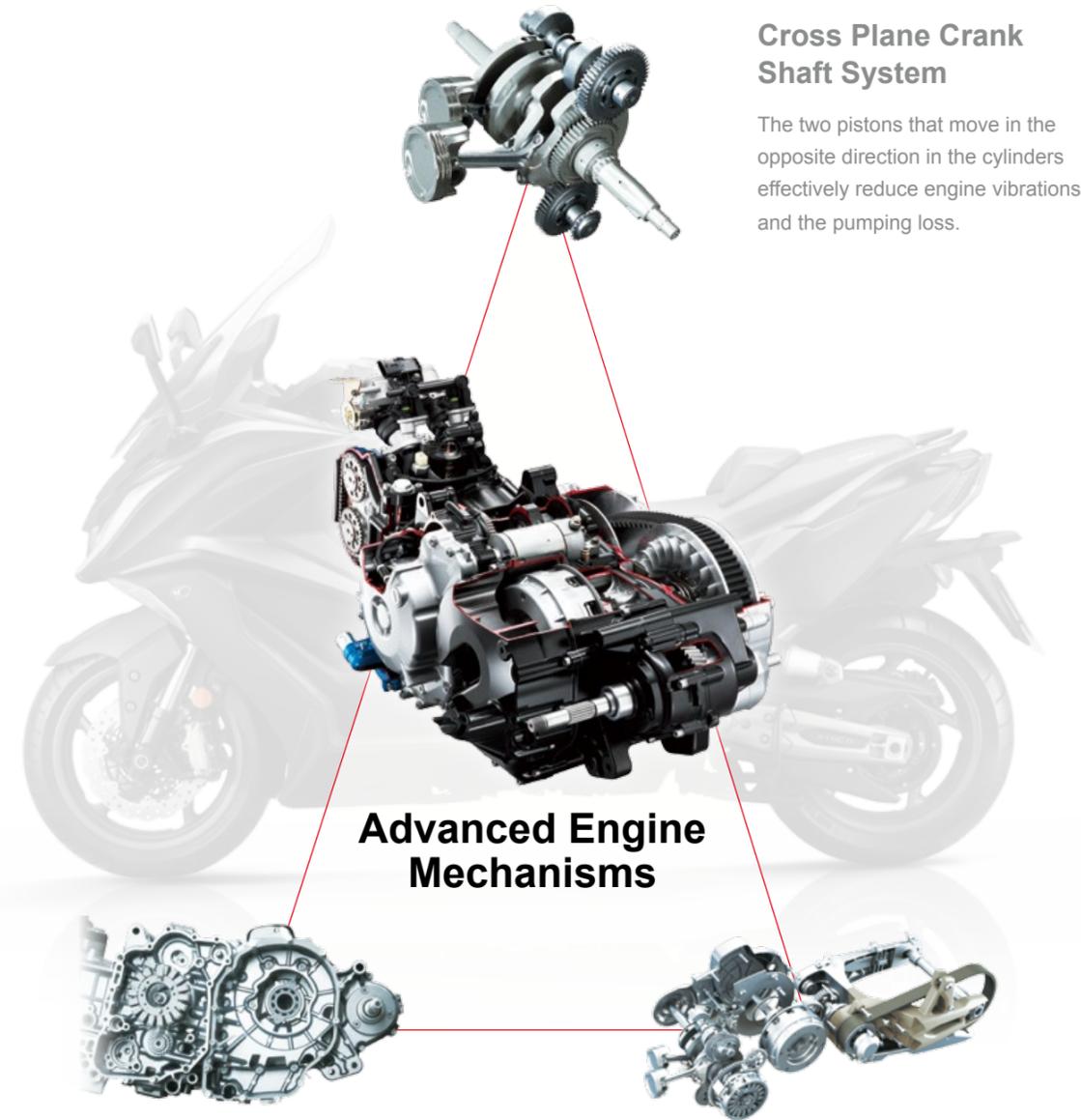
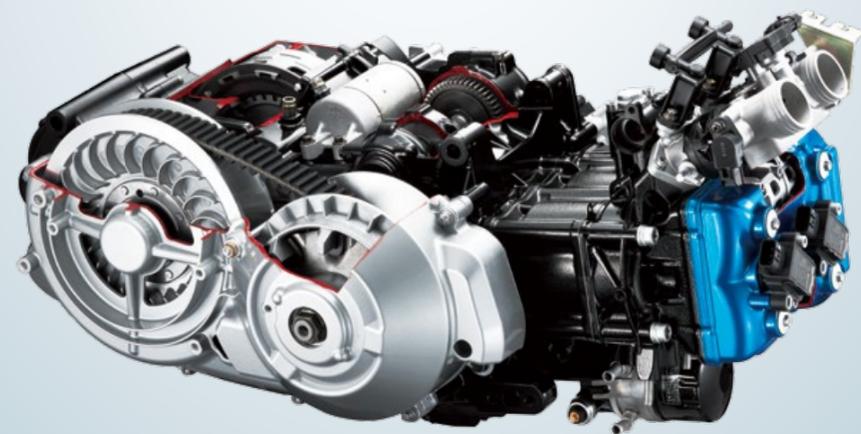
AK 550 is equipped with Bosch 9.1 ABS which works with both front and rear braking systems for the shortest braking distance at the highest stability. It reacts extremely fast during emergency braking and is the lightest ABS on the market today.





Powerful 550cc Dual Cylinder Engine

AK 550's newly designed 550cc liquid-cooled dual-cylinder DOHC 8V engine is silky smooth and highly responsive. Its 39.3KW output generates powerful acceleration as well as impressive top speed. The power delivery is tuned to suit both spirited adventure as well as pleasant touring.



Cross Plane Crank Shaft System

The two pistons that move in the opposite direction in the cylinders effectively reduce engine vibrations and the pumping loss.

Advanced Engine Mechanisms

Dry Sump Lubrication System

The removal of the interference of the lubricant from the movement of the balance shaft decreases lubricant temperature and increases engine efficiency.

Automatic Centrifugal Wet Clutch System

The friction loss between mechanical parts is minimized and the power delivery efficiency from engine to wheel is maximized.

Distinctively Fascinating Sound

AK 550 produces fascinating acoustics that is crucial to the delivery of "The Thrills Of Touring". The sound that roars from the twin cylinder engine through the carefully structured exhaust chamber is full of energy and passion that is simply distinctive and intoxicating.



Low Seat Height

AK 550's low seat height design provides good ergonomics for riders of all sizes. Moreover, it keeps the whole center of gravity low when the rider is on board. The lower riding position not only gives the rider more confidence when maneuvering, but it also enhances the whole riding experience.

Dual Power Modes

AK 550 has two power modes for the riders to enjoy every journey in different weather conditions. Other than the normal "Full Power" setting, the "Rain Mode" provides the rider with milder power output and softer throttle response that suit wet surfaces with low grip.



Practical Storage Space

AK 550's underseat space is capable of storing one full face helmet and one semi cover helmet. It strikes a good balance between the needs for the large space for extended journey and the compact body design geared for spirited riding. There are also two glove compartments in front for the storage of smaller items.





A Super Touring Maxi Scooter That Defines “The Thrills Of Touring”

- Premium Sporty Design
- Smooth Power Output
- Dual Power Mode
- Keyless Ignition Control
- Low Body Vibration
- Low Seat Height
- High Power To Weight Ratio
- Intoxicating Exhaust Sound
- Horizontal Rear Suspension
- Low Center Of Gravity
- Optimized Weight Distribution
- Comprehensive Lightweight Construction

Specifications

MODEL	AK 550
Emission Regulation	Euro 4
ENGINE	
Engine	Liquid Cooled, In-Line, 2 Cylinders, DOHC, 8 Valves
Displacement	550.4 cc
Fuel Capacity	15 Liters
Max.Horsepower	39.3 kW(53.5ps) @ 7500 rpm
Max.Torque	55.64 Nm @ 5500 rpm
TRANSMISSION	
Clutch	Wet Clutch
Transmission	CVT
Top Speed	161.7 km/h
FRAME	
Seatheight	785mm
Met-in Space	"1x Full-Face And 1x 1/2 Semi-Cover ※Full-Face Helmet Size L365 / W290 / H270 mm"
Weight	226 kg
Horsepower To Weight Ratio	4.22 (226kg / 53.5ps)
Front And Rear Weight Ratio	49:51
Frame	Aluminum Frame
Dimensions (L x W x H)	2165 x 795 x 1400 mm
Wheel Base	1580 mm
Back Mirror	Foldable, Antiglare Mirror
Grip Heater	Yes
Seat	Adjustable Seat Cushions Without Tool
Windscreen	Two-Stage Adjustable
SUSPENSION	
FR Suspension	41mm Up-Side Down Fork
RR Suspension	Horizontal Trailing Arm Rear Suspension
FR Tire	"120/70-R15 (METZELER)"
RR Tire	"160/60-R15 (METZELER)"
ELECTRIC	
Power Mode	Full Power / Rain Mode
Tire-Pressure Monitoring System	YES
Head Light	LED
Rear Light	LED
Indicator	LED
BRAKING SYSTEM	
ABS	Bosch 9.1
FR Brake System	Brembo Calipers With Dual Floating Disks ϕ 270 mm
RR Brake System	Single Disk ϕ 260 mm

Note: photo & specification may differ from the actual model available in your area.



ABOUT KYMCO

KYMCO is one of the global leading powersports brands. KYMCO's mission is to create personal vehicles that win the hearts of consumers all over the world. KYMCO always goes above and beyond to bring to customers the most thoughtful riding experience for everyday life. KYMCO's current product range includes scooters, motorcycles, mobility scooters, ATVs and utility vehicles.

You can learn more about KYMCO at www.kymco.com