



**KYMCO**





Urban x Adventure

**X-TERRA**  
**350**







# LED Headlight + Position Light

[ X Signature Light Trail ]







# *X Shape LED Tail Light*

[ X = Infinite Possibilities ]







ESS ( Emergency Stop Signal )



7"

TFT Dashboard



Bosch ABS (10.3) + TCS



Aluminum Alloy Upper &  
Lower Triple Clamps with  
Upside-down Front Fork





Large Capacity Fuel Tank  
**14L**

Type-C Fast Charging

Double Layer Cradle Frame

**32L** Spacious Met-in



**Engine**

Engine Type	OHC, 4-stroke, 4V, Single Cylinder
Cooling System	Liquid Cooling
Fuel System	Fuel Injection
Actual Displacement	321 cc
Max. Power	21 kW / 7,250 rpm
Max. Torque	30 Nm / 6,000 rpm

**Frame**

Wet Weight	197 kg
Length x Width x Height	2,200 x 876 x 1,385 mm
Seat Height	805 mm
Wheelbase	1,563mm
Fuel Tank Capacity	14 Liters

**Suspension**

Front Wheel Size	120/70-15
Rear Wheel Size	140/70-14
Wheel Material	Aluminum Alloy
Front Suspension	Upside-down Fork
Rear Suspension	Double Swing
Front Brake System	Disk
Rear Brake System	Disk
ABS/TCS	YES/YES

**X-TERRA**  
**350**



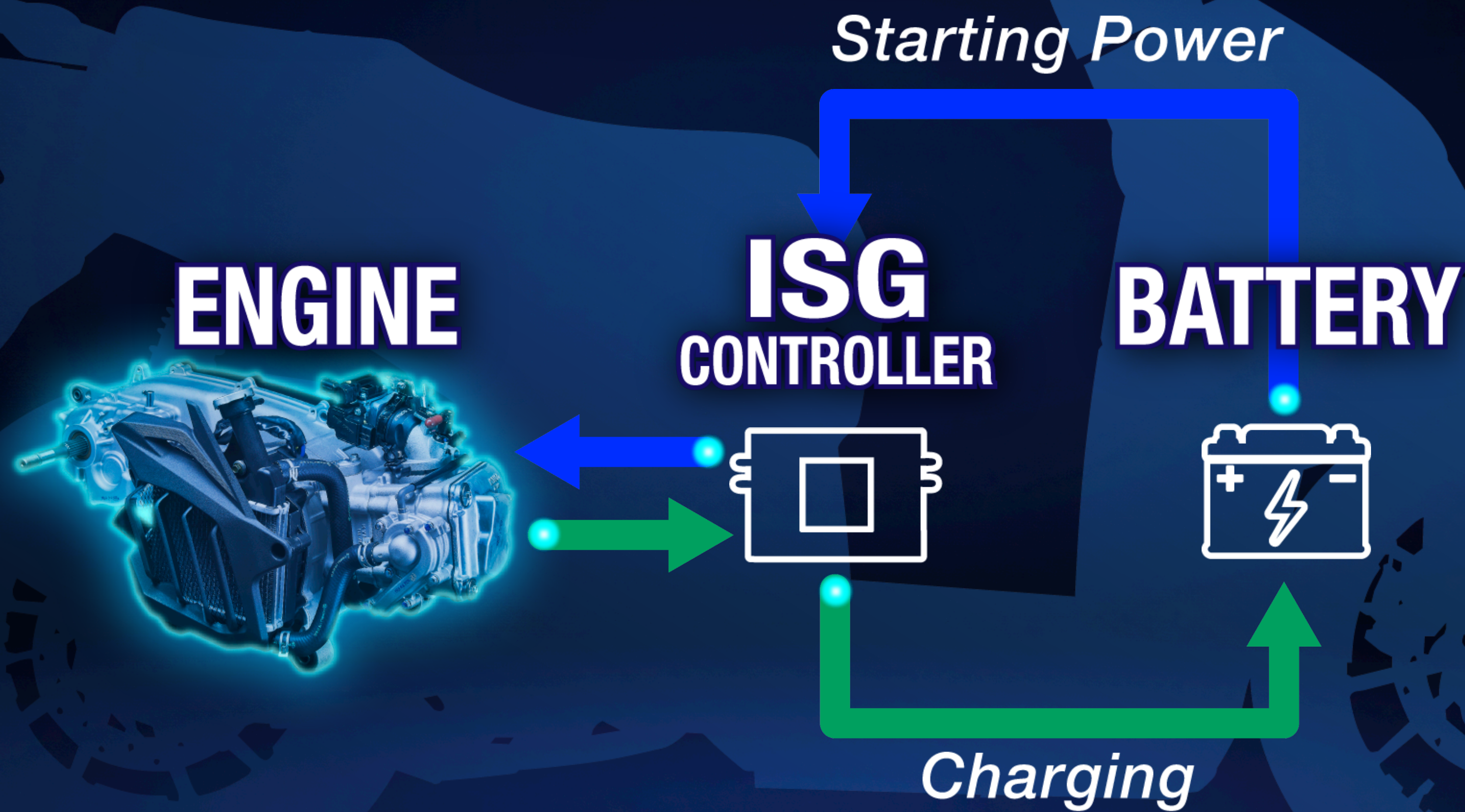


**TRI-POWER TECH**





# TRI-POWER TECH







# TRI-POWER TECH

## KYMCO TPT Boost

ISG obtains the power from battery and converts it into kinetic energy to provide extra acceleration.



## Industry-Leading Technology



# TPT Boost

G-force (G)

— with TPT Boost  
— without TPT Boost



Time (s)

**TIMING-1**

**START-OFF**

**TIMING-2**

**RE-ACCELERATE**



# TPT Boost

G-force (G)

— with TPT Boost  
— without TPT Boost



Time (s)

## TPT Boost activation

Decreases fuel  
consumption by

**2%**

Increases power by

**0.3ps**



# TPT Boost

**Maximum Power and Torque,  
On Demand.**

**No Cooldown Required –  
Always Ready.**

## TPT Boost activation

Decreases fuel  
consumption by

**2%**

Increases power by

**0.3ps**





# 4-WAY MONITORING

Before electric boost activated, the ISG controller will detect from 4 major aspects by using exclusive software to monitor more than 150 parameters of the ISG system and provides instant protection to prevent system damage.

**OVER CURRENT  
VOLTAGE PROTECTION**

**BATTERY FAILURE  
PROTECTION**

**CIRCUIT FAILURE  
PROTECTION**

**IC FAILURE  
PROTECTION**





# TRINITY BALANCE

## BATTERY

Maintains battery health and provide consistent electric boost performance.

## ENGINE

Enhance acceleration while maintaining fuel efficiency.

## ISG

Delivers optimal timing for electric boost.







# TPT Line-up



**RTS 135**



**RTS 165**





**PEOPLE** **R** Hybrid



*Innovation in tradition*

1998

2005

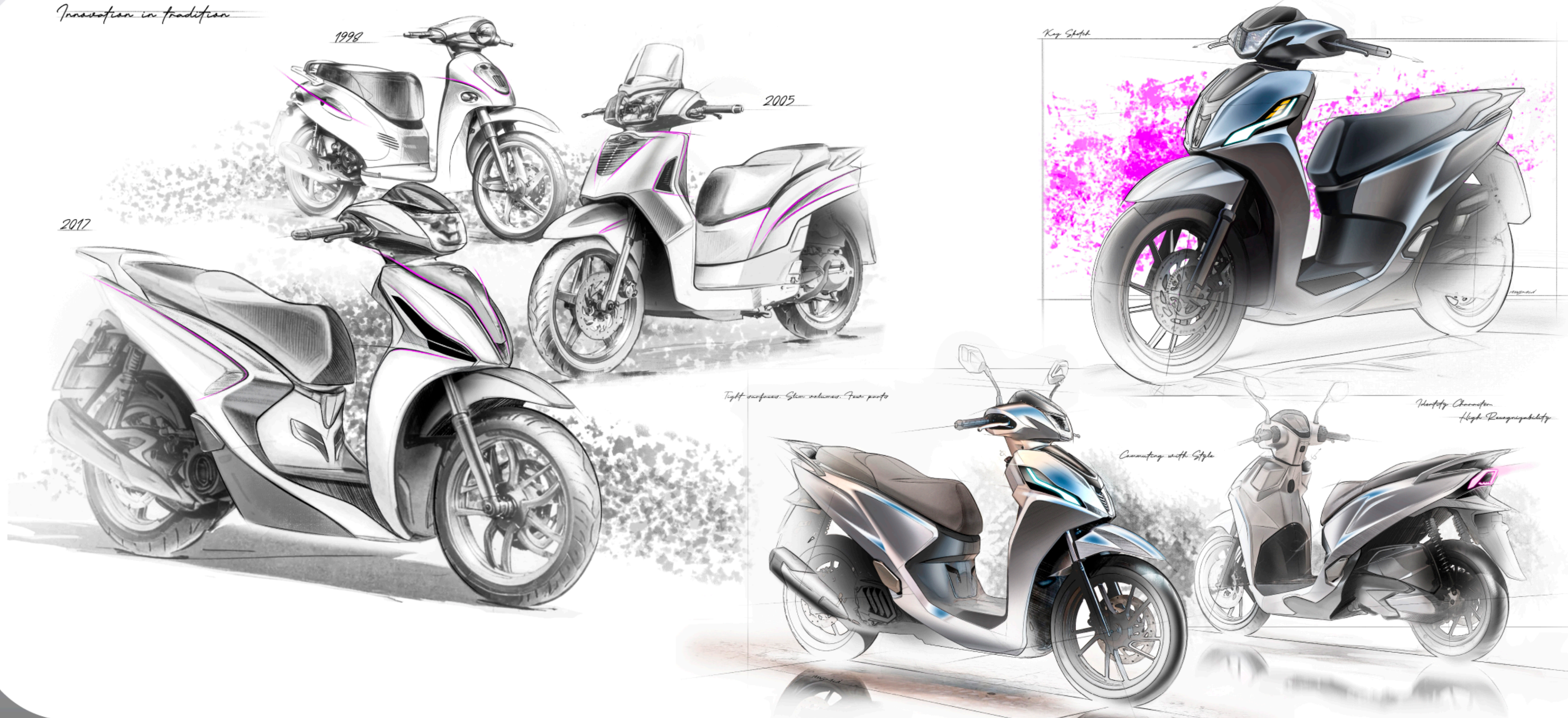
2017

*Tight surfaces. Slim volumes. Few parts*

*Key Sketch*

*Identify Character  
High Recognizability*

*Commuting with Style*







# ***DESIGN PROCESS***







# ***Tri-Power Tech Liquid-Cooled 125cc Engine***

**All-New CVT Design**

**6<sup>th</sup>-Generation Keihin  
Fuel Injection System**

**Newly Developed Intake System  
for Optimized Airflow**

**Integrated Starter Generator**

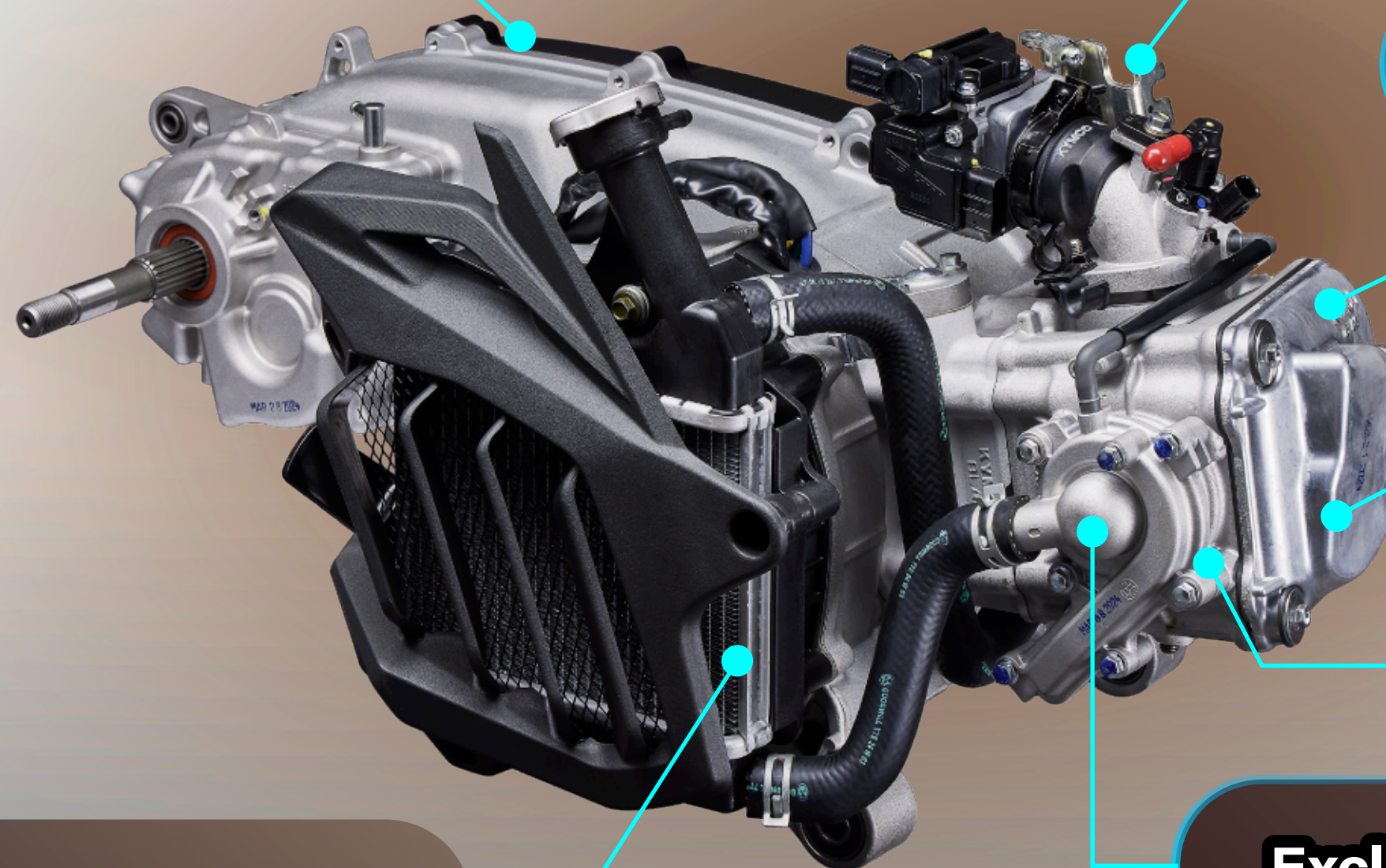
**Top-Mounted Roller Camshaft Mechanism**

**Lightweight Connecting Rod**

**Patented Water Jacket**  
(Optimized Cylinder Temperature Uniformity)

**Exclusive Water-Cooling System**

**Compact Radiator System**





## ***Tri-Power Tech Liquid-Cooled 125cc Engine***



- Combined Power Output: **9.3 kW**
- Horsepower Increase by **13.6%**
- 0 -100 m Acceleration: **8.28 seconds**  
(vs. People S: 8.71 seconds, a **5%** improvement)
- Thermal Efficiency Improved by **2.2%**
- Fuel Consumption Reduced by **13.2%**





**Full LED**



**ABS + TCS**



**LCD Dashboard**



**Keyless**







**Type-A Charging Port**

**Type-C Charging Port**

**One Full-Face Helmet Storage**







PEOPLE **R** Hybrid

### Engine

Engine Type	OHC, 4-stroke, 4V, Single Cylinder
Cooling System	Liquid Cooling
Fuel System	Fuel Injection
Actual Displacement	125 cc
Max. Power	9.3 kW / 8,000rpm
Max. Torque	11.2 Nm / 6,000 rpm

### Frame

Wet Weight	134 kg
Length x Width x Height	2,050 x 700 x 1,160 mm
Seat Height	800 mm
Wheelbase	1,395 mm
Fuel Tank Capacity	7.6 Liters

### Suspension

Front Wheel Size	100/80-16
Rear Wheel Size	120/80-14
Wheel Material	Aluminum Alloy
Front Suspension	Telescope
Rear Suspension	Double Swing
Front Brake System	Disk
Rear Brake System	Disk
ABS/TCS	YES/YES



PEARLY WHITE



MAT BLACK



MAT DEEP BLUE



MAT METALLIC

Please make the object as the standard, KYMCO reserves the right to make changes.



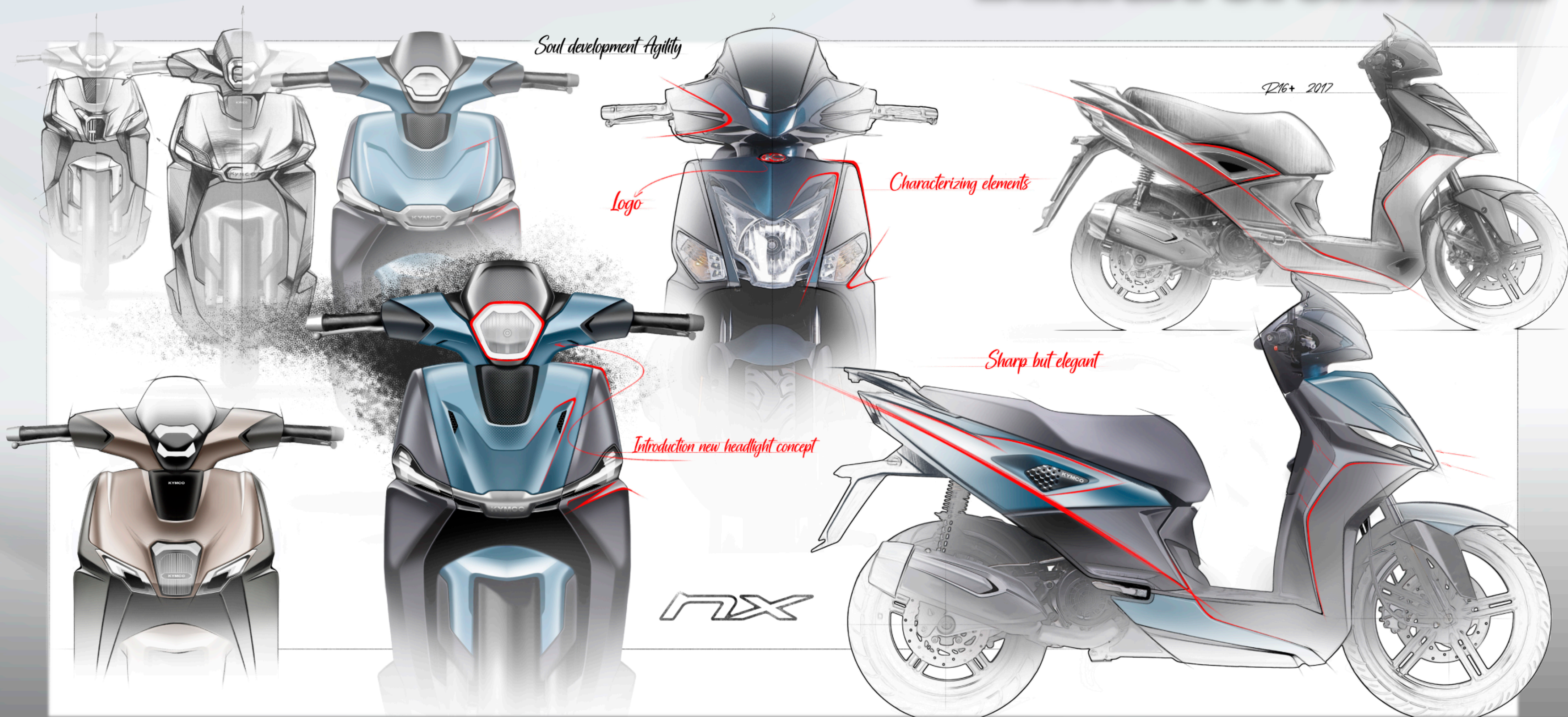


**AGILITY**





# DESIGN STORYLINE







*Key sketches*



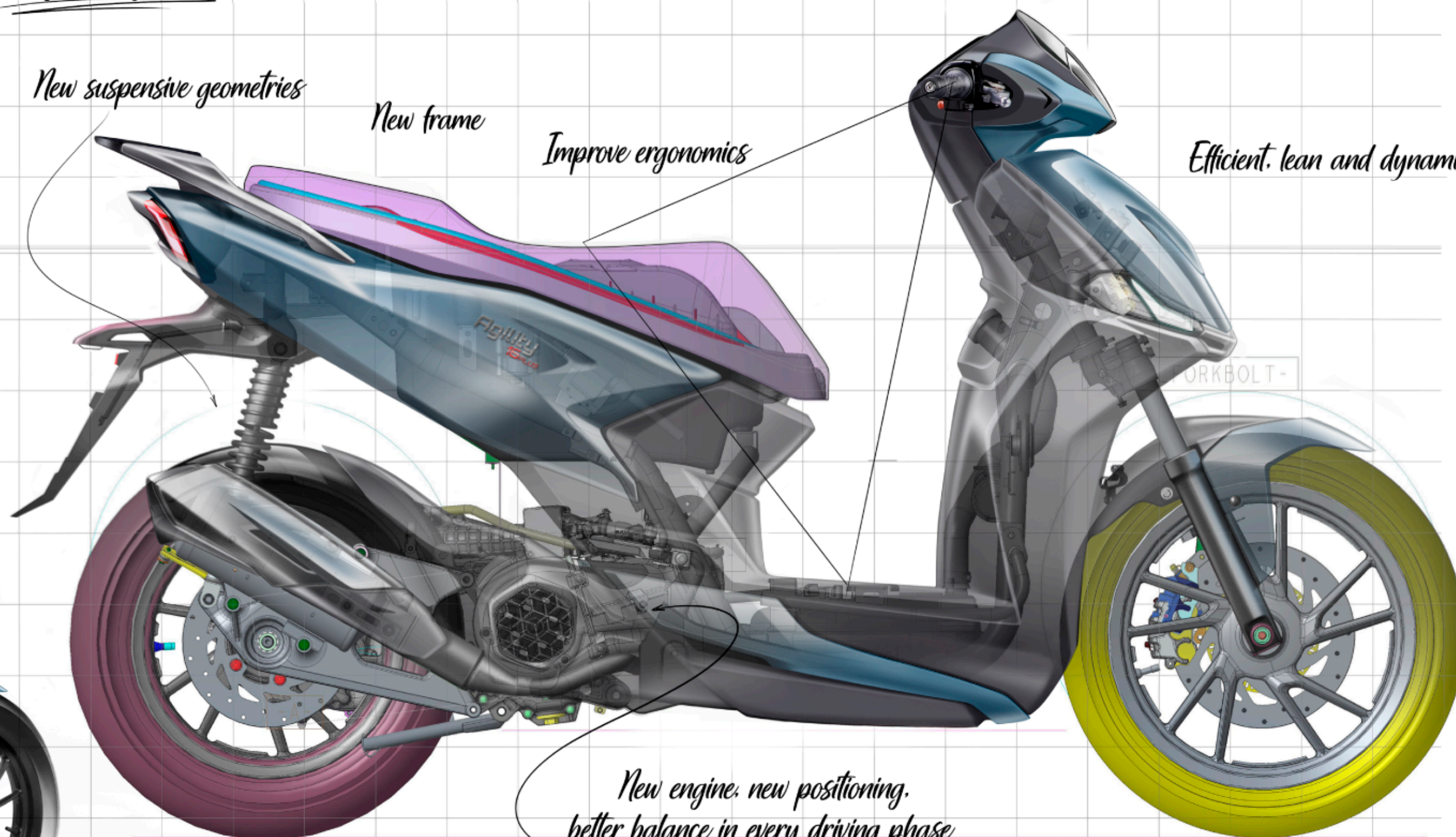
*Project targets:*

*New suspensive geometries*

*New frame*

*Improve ergonomics*

*Efficient, lean and dynamic*



*New engine, new positioning,  
better balance in every driving phase*

(mm) : MIN : MAX (mm) : MON : 01-0810

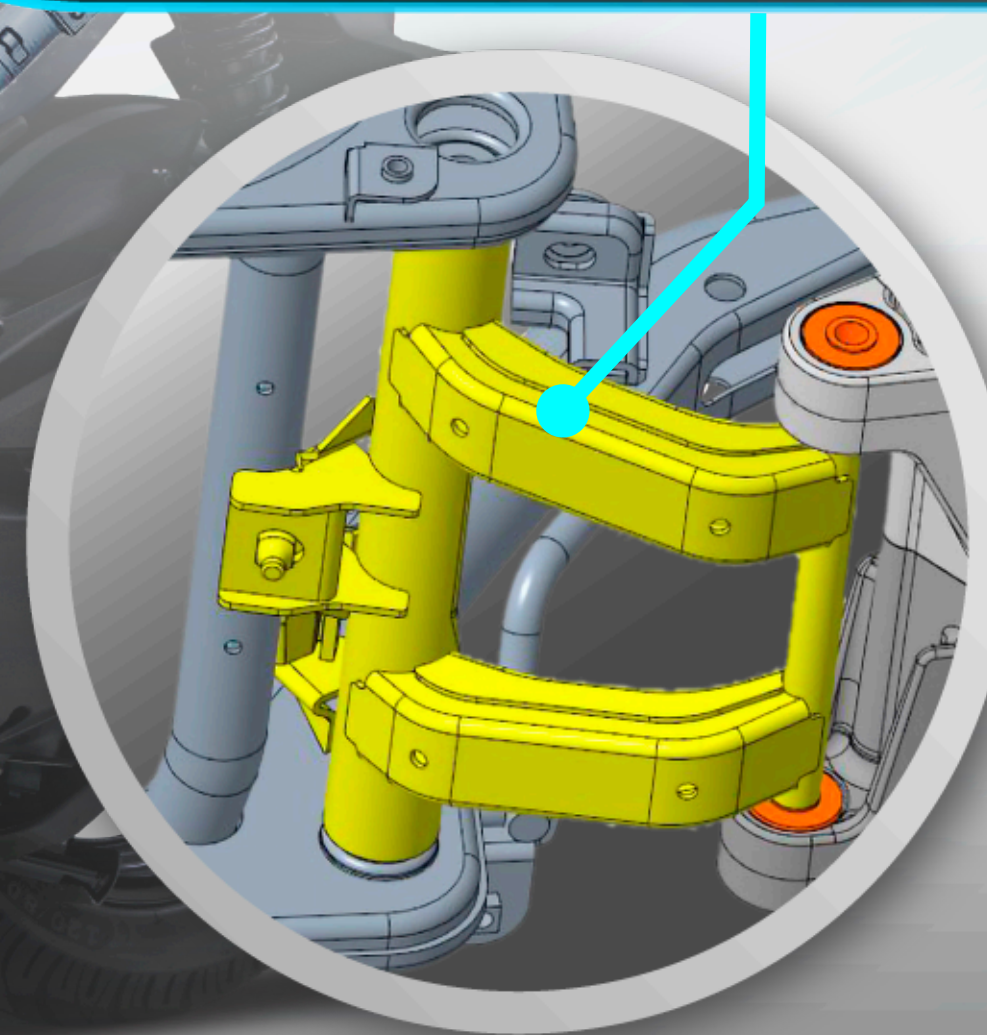




*Agility***NX**

## **UNDERSLUNG ENGINE HANGER**

- Provide Smooth Start
- More Stability While Cornering

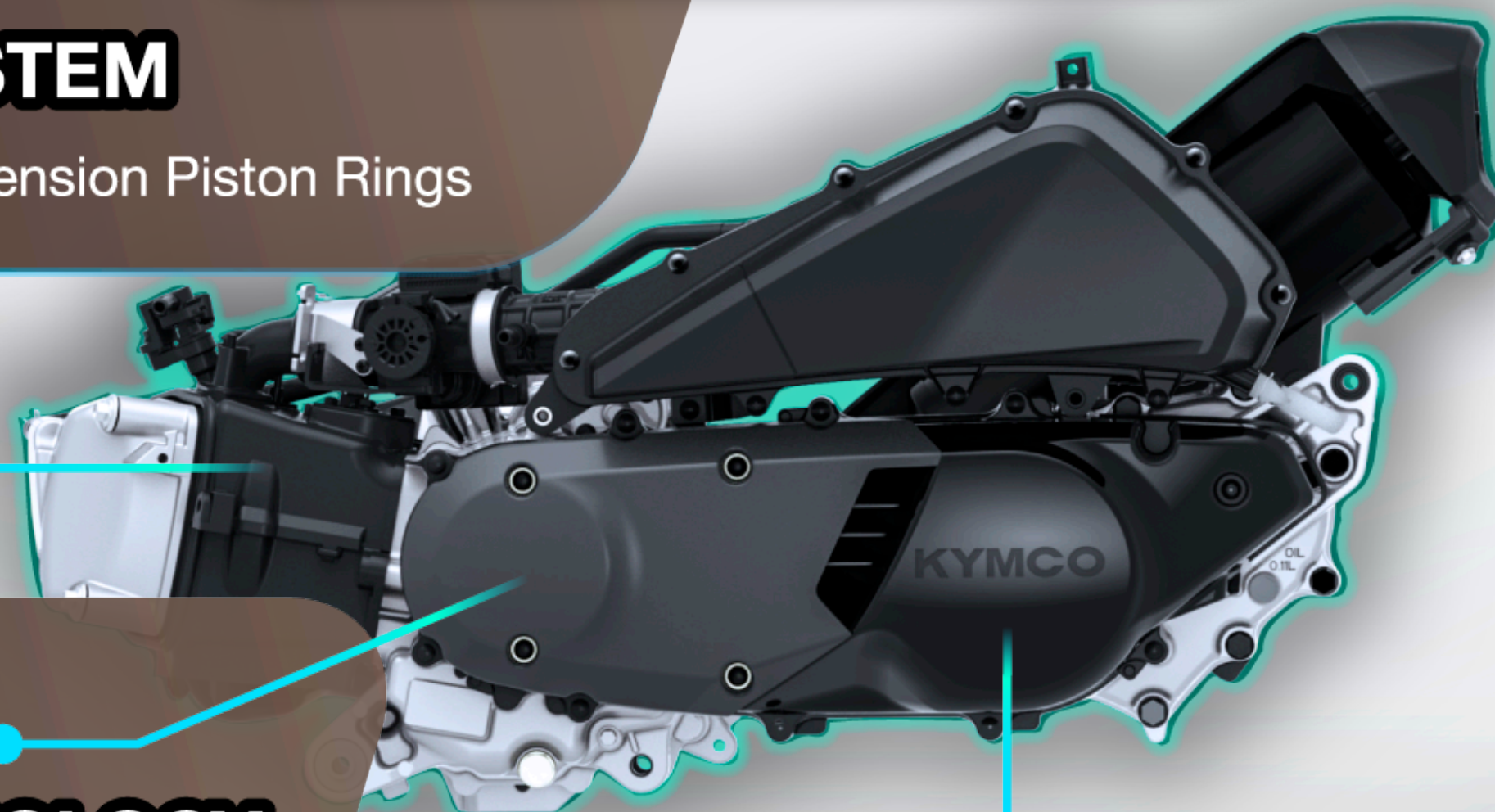






## MULTI-VORTEX COMBUSTION SYSTEM

- Top Squish Piston / Low Tension Piston Rings



## LOW FRICTION ROTATION TECHNOLOGY

- Pressure-Reducing Camshaft
- Roller Rocker Arm
- Cylinder Offset
- Low Friction Oil Seal
- Low Torque Bearing

## HIGH EFFICIENCY TRANSMISSION SYSTEM

- Low Friction CVT System
- Improved Riding Smoothness

**Greenhouse  
Gas Emission**

↓  
REDUCE **17%**

**Fuel  
Consumption**

↓  
REDUCE **21%**





**Type-C Charging Port**

**LCD Dashboard**

**LED Head Light**

**LED Tail Light**

**LED Position Light**





**ABS + TCS**

**Front-Positioned Fuel Cap**



**One Full-Face Helmet Storage**



**Top Case**







# AgilityNX

## Engine

Engine Type	OHC, 4-stroke, 2V, Single Cylinder
Cooling System	Air Cooling
Fuel System	Fuel Injection
Actual Displacement	125 cc
Max. Power	8.28 kW / 8000 rpm
Max. Torque	10.77 Nm / 6500 rpm

## Frame

Wet Weight	134.7 kg
Length x Width x Height	2,030 x 740 x 1,170 mm
Seat Height	815 mm
Wheelbase	1,385 mm
Fuel Tank Capacity	7.5 Liters

## Suspension

Front Wheel Size	100/80-16
Rear Wheel Size	120/80-14
Wheel Material	Aluminum Alloy
Front Suspension	Telescope
Rear Suspension	Double Swing
Front Brake System	Disk
Rear Brake System	Disk
ABS/TCS	YES/YES



FLAT WHITE



BLACK MATT



DEEP BLUE MATT



MAT SILVER CRISTAL

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**KYMCO**