

# New Tricity 300

## Press Presentation





**01 Overview**

**02 Confidence**

**03 Comfort**

**04 Design**

**05 Riding Experience**



# Yamaha Scooters Segment Positioning

Urban  
usage

**URBAN MOBILITY**



Tricity 300

XMAX 125 | Iron MAX



Tricity 125 | 155



NMAX 125 | 155



D'Elight 125

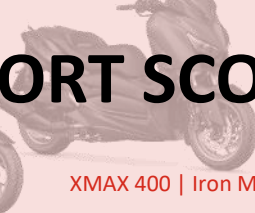
Xenter 125

Premium

**SPORT SCOOTER**



XMAX 300 | Iron MAX



XMAX 400 | Iron MAX



TMAX



TMAX Tech MAX

Versatile usage  
(IN and OUT  
of the city)

Affordability

**NEW**  
**TRICITY**  
**300**

# Market Overview

NEW  
**TRICITY**  
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# 2014

## Tricity 125/150

Yamaha introduced the 1<sup>st</sup> three-wheeler, Tricity. The goal was a novice-friendly machine to attract everyday commuters who are traveling by car, public transports but considering a switch to a scooter (scared on two wheels, wet roads...and looking for a more "safe" and easy solution).

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**TRICITY**  
300





## 3CT Prototype

At EICMA 2018 we presented a Prototype called 3CT as a teaser to what is coming to the market.

Results exceed expectations, the Prototype collected huge interest at Global level.

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# 2019



## Tricity 300

At EICMA 2019 we introduced the Tricity 300 in terms of design and specs very similar to the Prototype. It's a continuation of a 3-wheeler range, will take the role of hero bike in the segment, enlarging target group and usage.

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# Product Concept

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# Tricity 300: Product Concept

Satisfy all kinds of needs in the Urban Mobility segment and offer “the best move in town” with

**maximum control and stability**, **better performance**,  
**and affordable and attractive price.**

**ALL IN ONE.**

**Tricity 125**



**NEW  
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**Tricity 300**



**FAMILY FEELING**

# Introducing Tricity 300

The Best of both Worlds



Comfort

Pride of ownership

Powerful engine

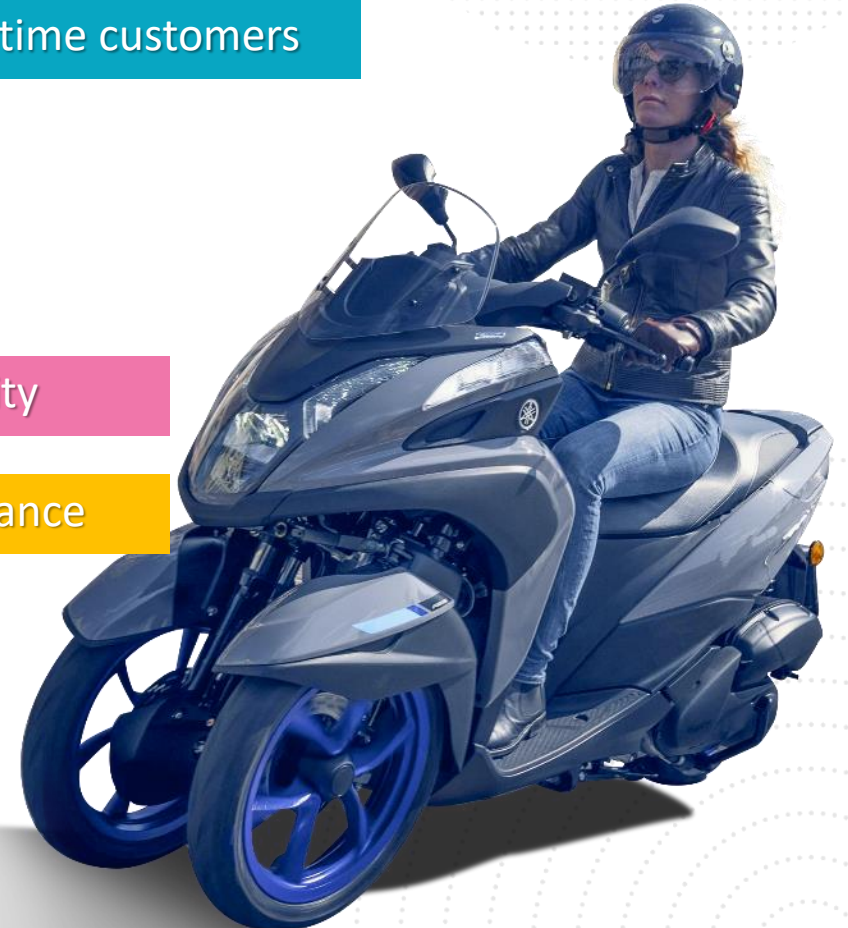
Big storage

Quality finish

Friendly for 1<sup>st</sup> time customers

Extra stability

Family acceptance



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300



**01 Confidence**

**02 Comfort**

**03 Design**

**“The best move in town”**





# Confidence

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CONFIDENCE

# Overview

Dual-Tube front suspension \*LMW-Ackerman steering geometry

Unified brake system | 3ch. ABS

Parking brake (L5e reg.)

Cast wheel (separated type hub)  
Tire: 120/70-14

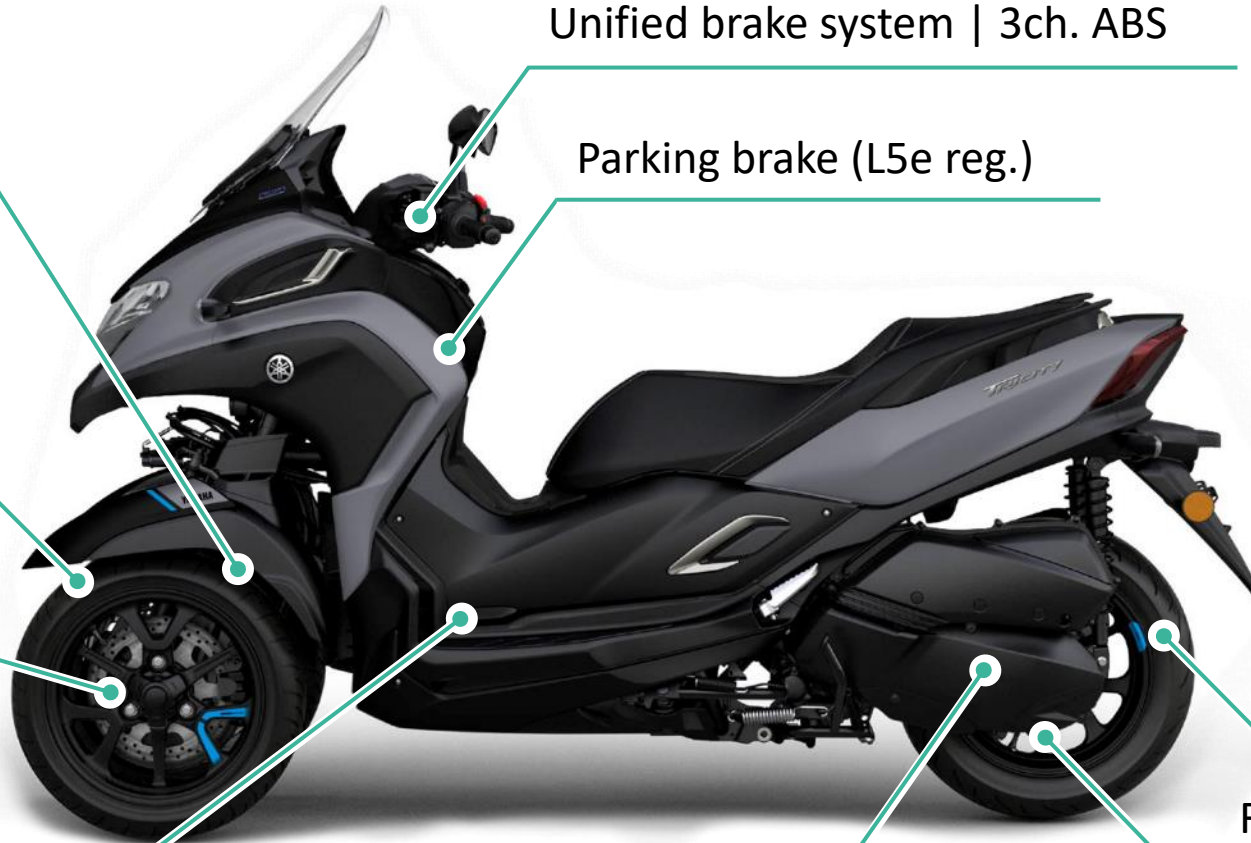
Front Disk Brake (x2)  
Ø267mm.

Foot brake pedal  
(EUR only)

BLUE CORE engine with TCS

Cast wheel  
Tire: 140/70-14

Rear Disk Brake  
Ø267mm.



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CONFIDENCE

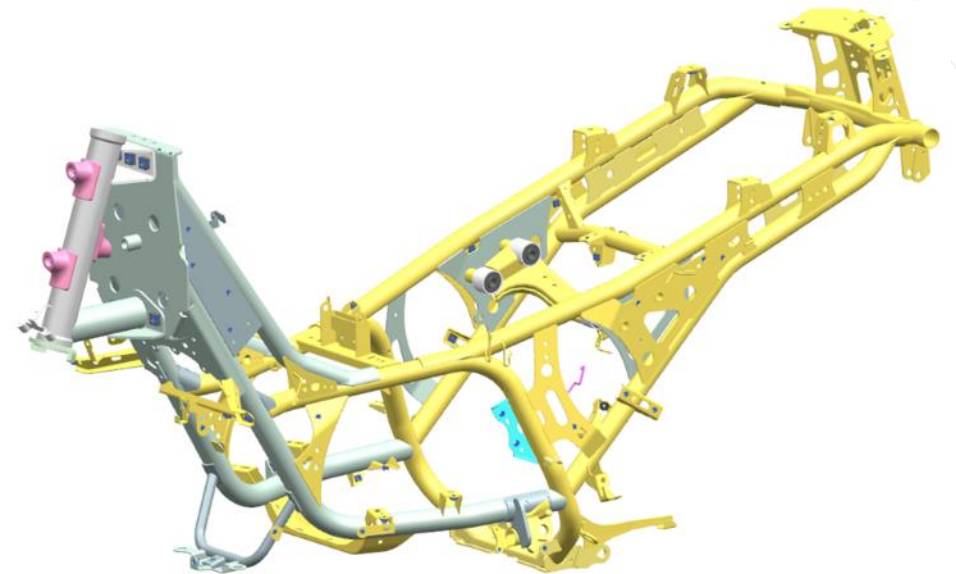
# Platform



Tricity 300 shares its platform with XMAX 300. This translates into a compact and lightweight vehicle, but spacious for rider, passenger and their cargo

## Frame modifications (grey)

- Good feeling of stability and smoothness
- Reduction in perceptible vibration from the road surface

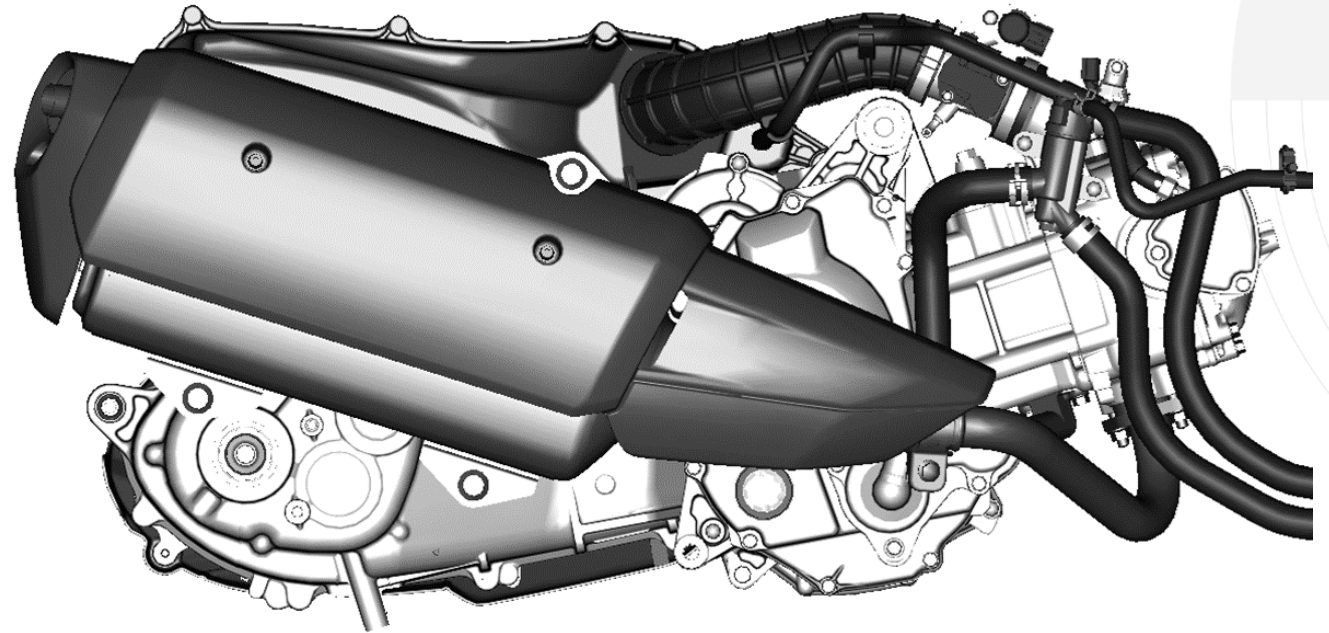


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# Engine

- Engine from XMAX 300
- Leading in mid MAX segment
- > 13.500 sales in 2019
- Unit swing (link type)
- Single cylinder 292 cc
- Semi-dry sump
- L/C four valve SOHC
- CVT transmission
- TCS (On/off)
- **Dynamic and sporty character**
- **Powerful 20.6kW @7,250rpm**
- **Economic 1liter:30km**



CONFIDENCE

# Suspension & Steering System

## Tandem telescopic suspension + Parallelogram link

- Similar system and proved performance in Tricity 125/155 and NIKEN
- Suspension position on inside of wheels for compact front

## Best in class handling

- Very good strength and rigidity
- Deep leaning and plenty of handlebar steering angle
- Best shock absorption and ride comfort
- Lighter and space-saving (allowing bigger wheels)





CONFIDENCE

# Suspension System

## Front suspension

- Tandem cantilevered telescopic suspension
- Double front fork on each wheel
- Main tube and guide tube
- Mounted on the inside of the wheels for a compact front

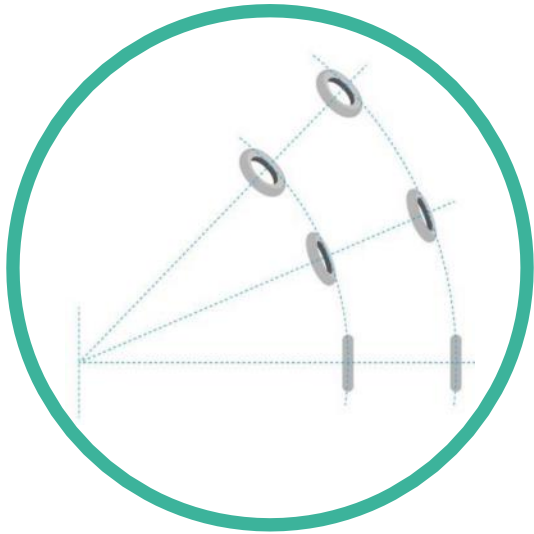
## Rear suspension

- Adjustable Double Rear Shock Absorber



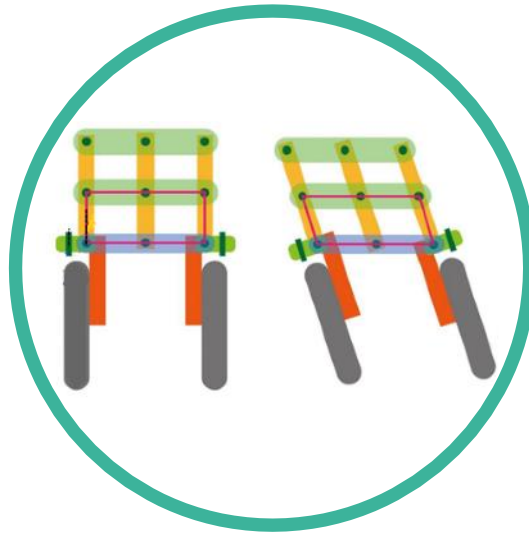
CONFIDENCE

# Steering



Tricity 300 uses a variation on the Ackermann steering geometry<sup>1</sup> for a natural *steering* and *leaning* feel

<sup>1</sup> Ackermann system is a **steering system that is used in cars** to have the right angle for each front wheel in relation to the rear wheel during cornering



Ensuring both **turning front wheels** have the right angle in relation to the rear wheel, and:

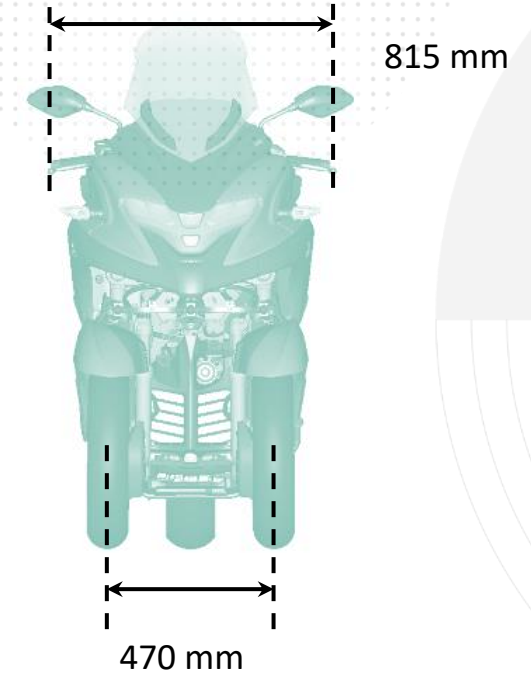
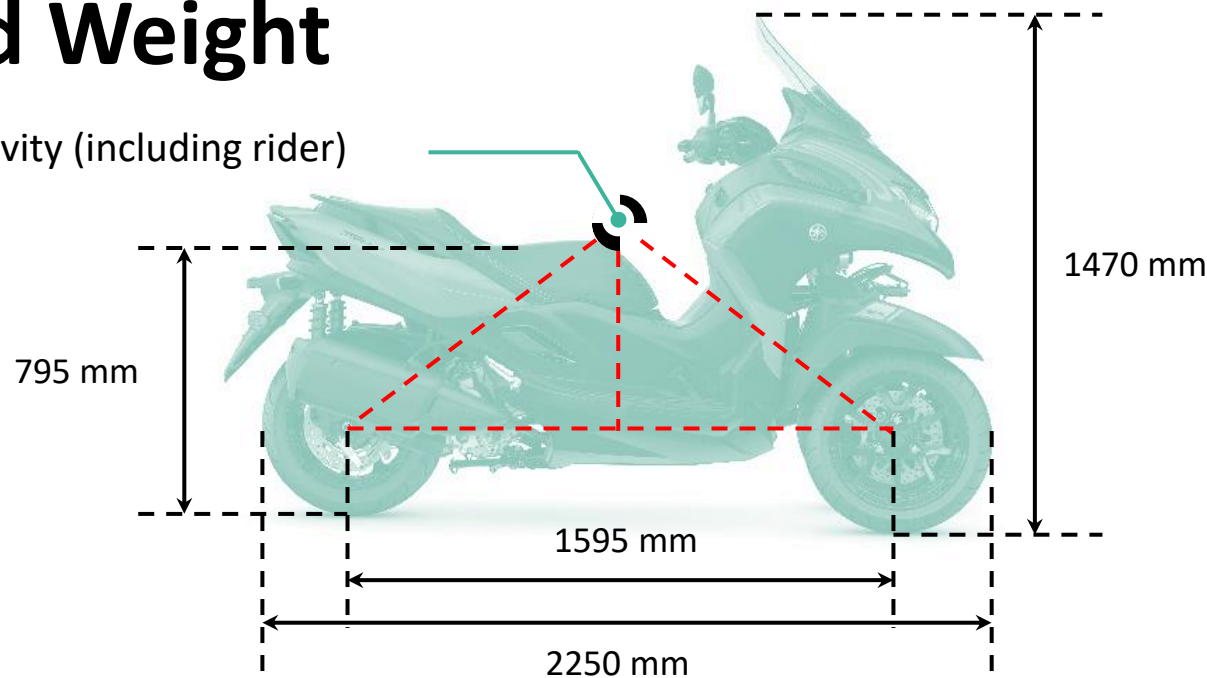
- Keeping an even thread during leaning
- Preventing *outward-facing tires*
- Similar to NIKEN



CONFIDENCE

# Size and Weight

Centre of gravity (including rider)



**Tricity 300 has unique, large-sized wheels for this vehicle category**

- Front 120/70 – 14, rear 140/70 – 14
- Specially LMW-modified Bridgestone Battlax tires for good grip, durability and performance on wet road
- Lightweight (239kg wet); Weight distribution roughly 50:50
- Providing a sporty, agile and nimble ride

CONFIDENCE

# Braking System

Tricity has a wide-range brake controllability and plenty of braking power, with good initial function

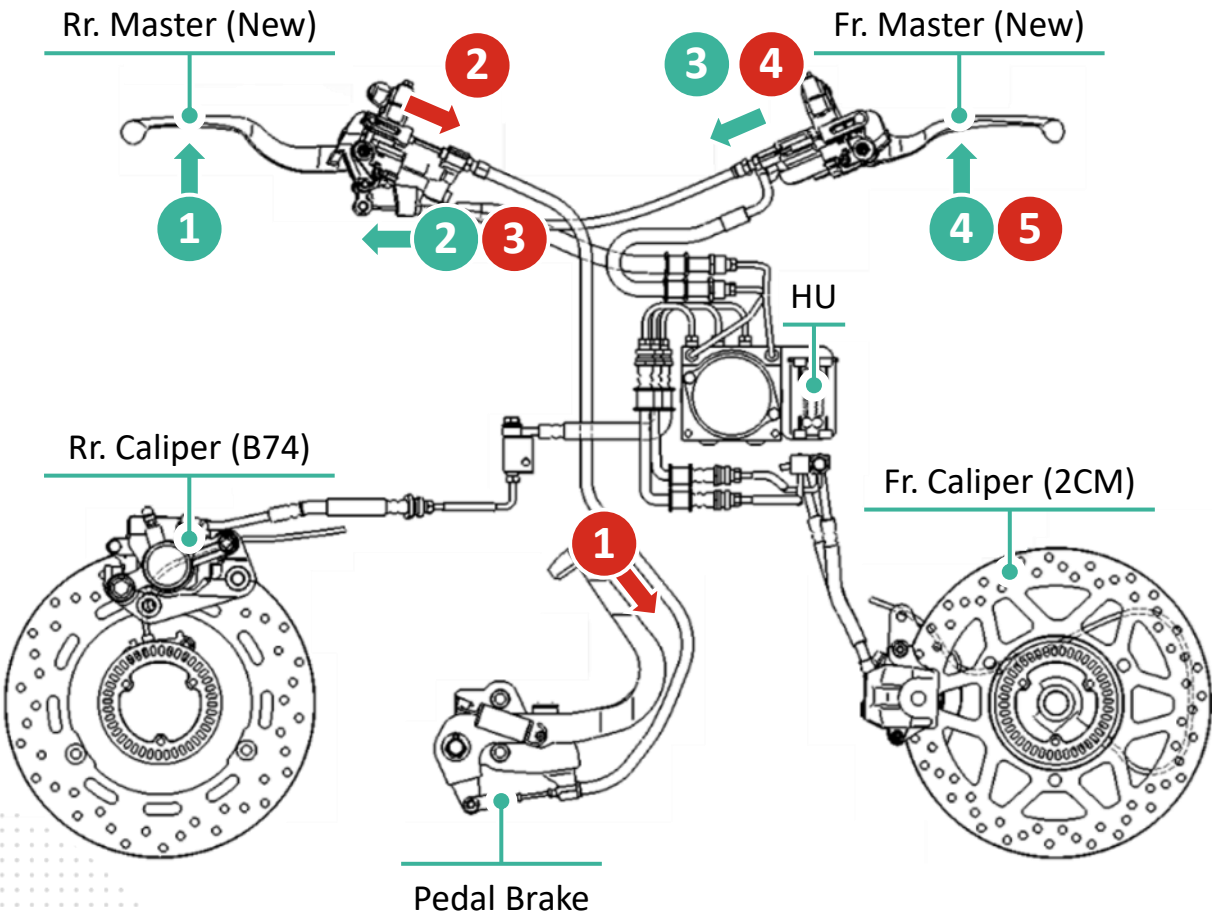
- Both front wheels have a **267mm disk**
- **Front brake covers** added to reduce brake pad wear by mud/water splashes from the other wheel
- Rear 267mm disk
- **3-wheel ABS**, individually controlled

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**TRICITY**  
300





# Braking System



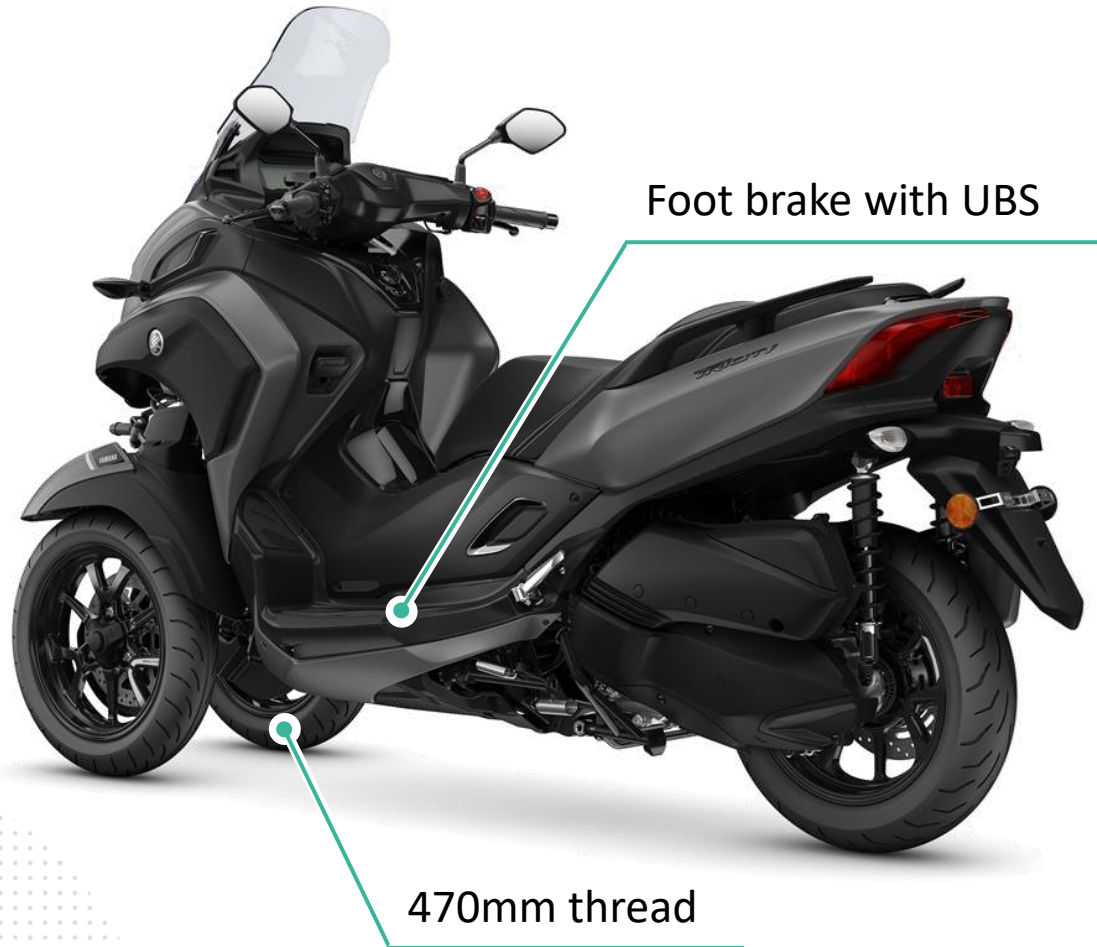
Bottom view

Action	Front brake activated	Rear brake activated
Pull right-hand lever (front brake)	✓	
Pull left-hand lever (rear brake)	✓	✓
Pass foot pedal (rear brake)	✓	✓

- **UBS: Unified Brake System**
- Using **right** lever will trigger **front brakes**
- Using **left** lever or **foot pedal** brake will trigger **all brakes**

CONFIDENCE

# L5e Features



Homologated to ride with a B-license  
(selected countries<sup>2</sup>)

L5e specification features

- 470mm thread, to conform with 460mm minimum thread
- Foot brake with UBS

<sup>2</sup>Limitations and restrictions may apply per country under applicable local laws

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# Comfort

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**300**

COMFORT

# Overview

Sizeable standard wind shield

New Meter

Big storage box (43.5L)

Good weather protection

Smart key

Spacious seat

Parking brake

Standing assist system



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300



COMFORT

# Standing Assist



Practical assist for standing  
when stopped

Suspension keeps working to absorb  
remaining bumps

Simple and light, for a nimble front-end  
and 50/50 weight distribution

Reliable and economic

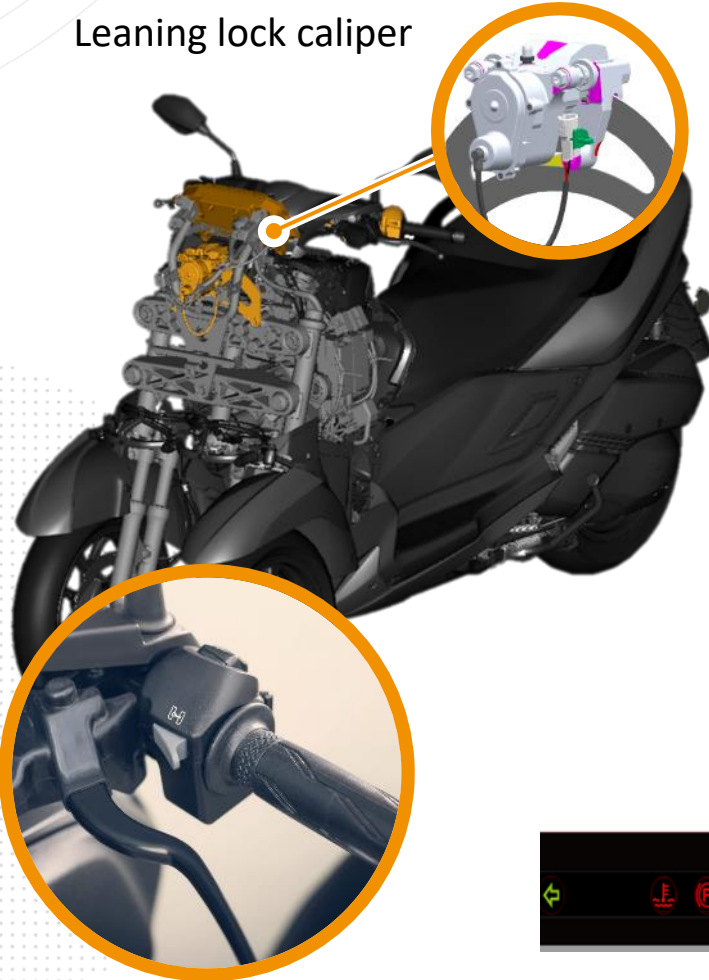
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COMFORT

# Standing Assist

Leaning lock caliper



## Standing assist

- Caliper locking the leaning mechanisms
- Assists the rider in standing upright

## Engage conditions:

1. Speed  $\leq 10\text{km/h}$
2. The throttle (valve) must be completely closed (detected by TPS)
3. Engine rpm  $\leq 2,000$
4. Standing Assist switch is on

When all the above conditions are met, the system is engaged. An indicator on the instrument cluster denotes the state of use.



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# Weather Protection



Windscreen on a good all-round position  
Wind and weather deflection  
Look over the screen

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COMFORT

# Riding Position



Spacious & comfortable seat,  
fitting 2 people generously  
Agile & comfortable riding position  
Normal and front-foot position

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300



COMFORT

## Storage

**Spacious underseat  
storage (43,5 litres)**

Two full-face helmets or  
one helmet and A4-sized bag

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COMFORT

# Cockpit



**Nicely finished cockpit**

New meter

Flush mounted handbrake

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**300**



COMFORT

# Smart Key

Tricity 300 is equipped with a Smart Key system similar to XMAX, with the following functionalities

- Power on/off
- EG start/stop (pull brake + starter switch)
- Steering lock/release
- Seat lock release
- Fuel tank lid lock/release

NEW  
**TRICTY**  
300



# Design

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## DESIGN

# Agility

- High sitting position line
- Space around the LMW system
- Light and agile
- Lean and suspension travel

NEW  
**TRITY**  
300





## DESIGN

# Agility

- Mass concentrated around the rider
- Tightly packed construction
- Ready for challenging road conditions

NEW  
**TRITY**  
300



## DESIGN

# Agility

- Slanted stance lines
- Confidence
- Road-holding

NEW  
**TRITY**  
300





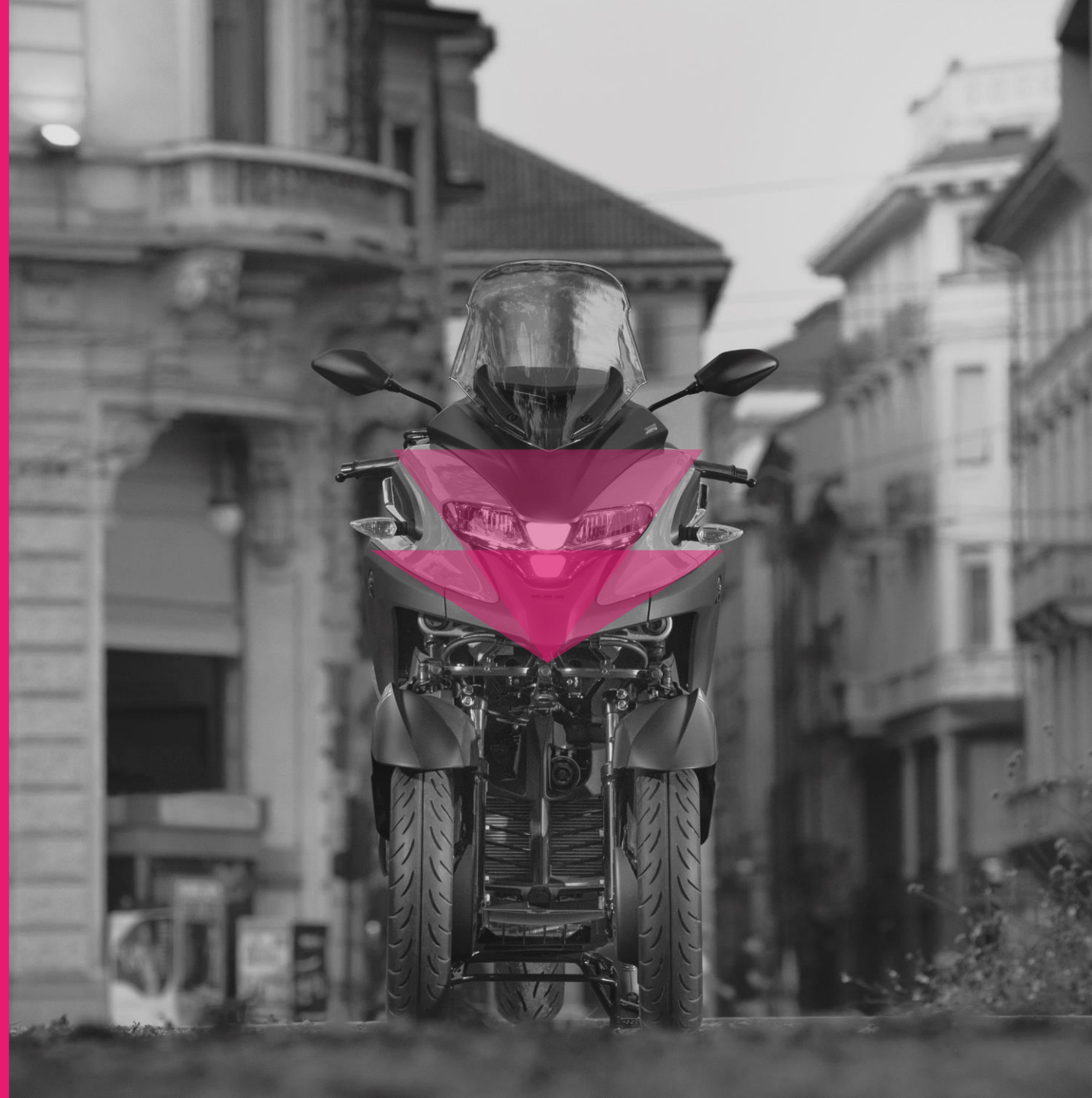
## DESIGN

# Tricity family

- TRICITY family
- Big and luxurious brother of the Tricity 125/155
- Iconic layered upside-down triangle construction



NEW  
**TRICITY**  
300

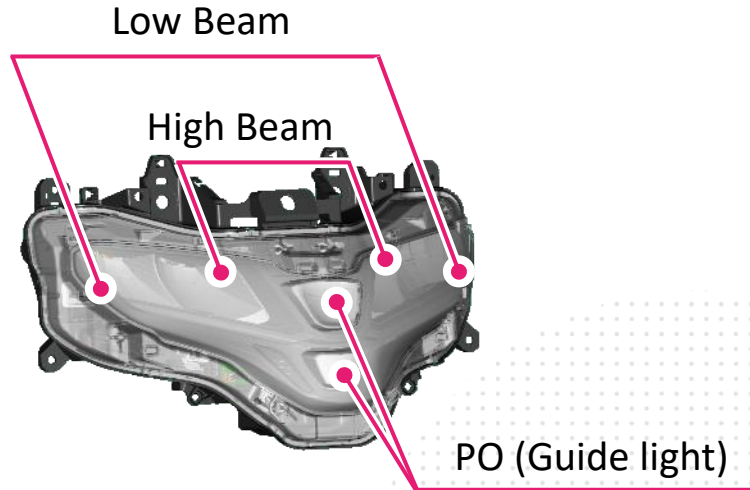




## DESIGN

# Tricity family

- Unique “Y” motif on the front
- Symmetrical centrally-positioned LED headlight



NEW  
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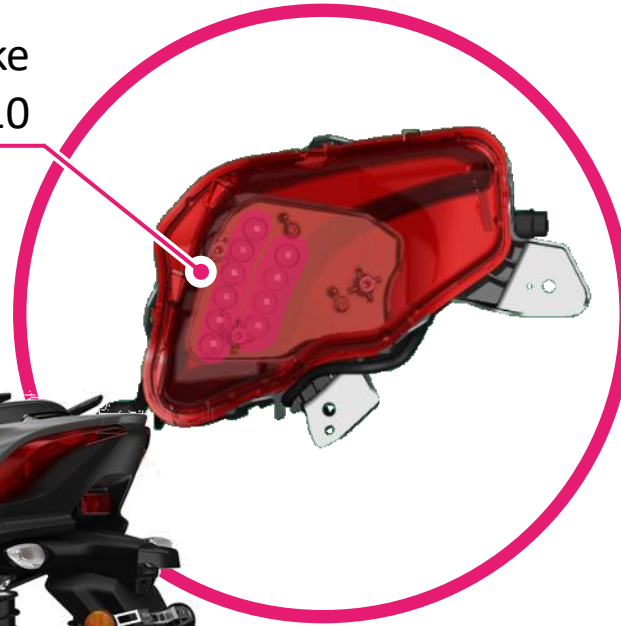


## DESIGN

# Lighting



Rear & Brake  
light LED x10



- Separated left and right LED rear and brake lights
- Separated type flashers on front and rear



DESIGN

# Wheels

## Combined Tri motif

The three triangle structured spokes express strength and stability on various road conditions. The central hub and its three sharp extensions express an agile image in city commuting.

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DESIGN

# Colouring



*BNS4 Nimbus Grey*



*MDNMA Tech Kamo*



*MNM6 Gunmetal Grey*

## ACCESSORIES

# PACKS



Featuring a **Sports Screen**, **License Plate Holder** and **Aluminium Foot Panels**, the **Sports Pack** delivers an extra dose of dynamism and even sportier looks!



The **Winter Pack** comes with an **Apron**, **Grip Heater** and **Knuckle Visors** for increased comfort in cold and bad weather



The **Urban Pack** incorporates a **High Screen**, **Rear Carrier** and **39L Top Case** that make the Tricity 300 an even more effective commuter





**Thank you**