



NEO's Core

Now is the time to rethink the way you live, work and move in the city. Like many people you're probably looking for an alternative to crowded public transport systems – and going by car isn't viable. This is the time for real change. And NEO's electric scooter is ready to give you a new sense of freedom in your city!

Move Smart

As cities evolve and more people seek alternatives to crowded public transport, NEO's Core electric scooter offers the perfect solution for your urban mobility needs. With its dual battery system, NEO's Core delivers a smooth and comfortable ride for up to 68 km*. Thanks to its portable batteries and practical design, NEO's Core is always ready when you are. Enjoy the freedom of convenient, eco-friendly mobility and embrace a smarter way to move through the city. (*Range tested in WMTC Class 1 in STD mode at 25°C.)

Comfortable, agile and easy to ride, this new generation Yamaha scooter is powered by a lithium-ion battery and driven by a hub-mounted electric motor that gives you strong and controllable acceleration – but with zero emissions and a super quiet ride! NEO's: Move Smart.

NEO's Core - BITNE KARAKTERISTIKE



Extended riding range

The NEO's Core model gives you an extended riding range for longer distance urban commuting. Equipped with two portable 50.4V/19.2Ah lithium-ion batteries that can be charged while fitted to the scooter or easily removed and charged at your home or office, the NEO's Core gives you a potential range of up to 68km*. *Tested in WMTC Class 1 in STD mode, fully charged battery at a temperature of 25°C.



Smooth, quiet and efficient electric power

Simple, stylish and easy to use, the NEO's electric scooter has the potential to transform the way you live and move in the city by making every journey smoother, easier and more enjoyable! NEO's combines proven Yamaha quality with low running costs and the many benefits of electric power.



Direct drive hub-mounted electric motor

For maximum efficiency the NEO's is equipped with the latest generation Yamaha Integrated Power Unit (YIPU) that features an air-cooled brushless electric motor located inside the rear wheel hub. This compact direct drive design eliminates the need for gears or belts and ensures smooth running, strong acceleration and extremely quiet operation.



Quick and controllable acceleration

As soon as you pull away on the NEO's you'll feel its smooth power delivery and precise control at all speeds. Yamaha has taken extra care to ensure that the throttle design provides you with a smooth, confident feeling when accelerating from a standstill and when riding in slow moving traffic - making this electric scooter an ideal choice for all riders.



Universal riding position for all sizes and experience

Featuring a relaxed and upright riding position, the new generation electric NEO's is the ideal vehicle for riders of all ages, sizes and experience who are looking for a responsible and accessible alternative to the car and public transport. And with its simple twist-and-go performance, easy agility and high levels of comfort, this is the smartest choice in zero-emission urban mobility.



Ultra-quiet running

NEO's offers you many advantages, including low running costs, ease of use and the ability to access the growing number of ultra-low and zero-emission zones in Europe's cities. It's also one of the quietest ways to travel, and in official tests this new Yamaha electric scooter was measured at just 55dB from 7 meters - compared to 71dB for its 50cc combustion equivalent.



Simple, compact and universal styling

Inspired by the design language of the original combustion NEO's, the bodywork features soft rounded forms that give NEO's a smart, sporty and distinctive look with a universal appeal. Clean lines and minimal front and rear overhang emphasize this zero-emission scooter's compact body, and the spacious footboard area features rubber mouldings on the outline to help protect against minor knocks and scratches.



Jet helmet underseat storage

When one battery fitted, the underseat compartment gives 27 litres of storage space that can accommodate one jet helmet or shoes and gym gear. And if you choose to fit also the second battery there's still enough space to carry a rainsuit or other personal items.



Full LED lighting

Inspired by the face of the original combustion NEO's, the twin-eye LED headlights provide you with powerful illumination to see and be seen – and are surrounded by white rings that give NEO's a fresh and contemporary look. At the rear end the single unit LED taillight and LED turn signals underline the scooter's clean and compact lines.

NEO's Core - TEHNIČKA SPECIFIKACIJA

Motor

Electric motor type	Excitation 3 phase synchronized motor
Nominal power	2.3kW @ 424 rpm
Maximum power	2.5kW @ 400 rpm
Maximum torque	136.0Nm @ 50 rpm
Battery type	Lithium ion
Battery voltage, capacity	50.4V, 19.2Ah(5HR)
Total number of battery packs installed	2
Maximum number of battery packs	2
Battery fixation	Removable
1st Battery Range (WMTC Class 1)	37 km
1st Battery Range, Eco mode	38.5 km: This range changes by place, riding style and battery degradation.
1st and 2nd Battery Range	68 km: This range changes by place, riding style and battery degradation.
Battery dimension	360mm(L)x215mm(D)x105mm(H)
Battery weight	8.0kg
Energy Consumption(WMTC Class1)	31Wh/km
Charger type	Wall charger 220VAC; Output 58.8V, 3A
Charging time (0-100%)	8 hours: Charging time may vary depending on the charging environment
Charging time (20-80%)	4 hours: Depending on use conditions and battery degradation, charging time may change.

Chassis

Frame type	Underbone
Caster angle	25°30'
Trail	84mm
Front suspension system	Telescopic fork
Front travel	90mm
Rear suspension system	Swingarm
Rear Travel	80mm
Front brake	Hydraulic single disc brake
Rear brake	Mechanical leading trailing drum brake
Diameter of brake disk(Front)	200mm
Front tyre	110-70-13M/C 48P Tubeless
Rear tyre	130-70-13M/C 63P Tubeless

Dimensions

Overall length	1875mm
Overall width	695mm
Overall height	1120mm
Seat height	795mm
Wheelbase	1305mm
Minimum ground clearance	135mm
Vehicle weight (without battery)	90kg

Ograničenje opterećenja