



**ASKOLL TOWARDS A MORE INTEGRATED MOBILITY.
ELECTRIC, SHARED AND MULTIMODAL**

Askoll presents at Eicma its vehicles developed for shared mobility: not only mopeds but also e-bikes and a brand new kick scooter.

About 4.000 Askoll e-mopeds make up the fleets of the leading moped-sharing providers in some of the most important cities in Europe and across Italy. As of today, MiMoto counts 500 Askoll e-mopeds located in Milan, Turin, and Genova. eCooltra has got around 3.000 vehicles places in Rome, Milan, Barcelona, and Lisbon: the goal is to reach 5.000 e-mopeds within the beginning of 2020. Shared-mobility represents approximately 50% of the company's revenue.

These numbers, destined to increase in the next year, prove a high growth potential of sharing mobility sector: especially in big cities, where this new, multimodal way of moving around is developing at a fast pace.

In this scenario, Askoll is one of the primary providers of new and innovative solutions dedicated to shared mobility, and an ideal business partner for all those sharing providers who want to make city-travel multimodal, smart, and carbon-neutral.

The Askoll range dedicated to sharing mobility expands itself with the launch of a new e-moped, that reaches 66 km/h, ideal for suburban trips; with eBsharing, the first e-bike ready to be shared which you can activate through a power bank, and with a brand new e-kick scooter.

To ease the providers' work managing their fleets, and to offer vehicles easy to ride to their clients, Askoll develops complete solutions for shared mobility. We're not talking only about providing them of made in Italy e-bike, mopeds and kick scooters, but also of App and fleet management systems – these last features are developed in collaboration with experienced partners.

e-Kick scooter

Introduced at Eicma 2019, the Askoll kick scooter is developed and produced exclusively for the sharing mobility and for taking on rough and tumble streets.

Easy to ride, robust and stable is equipped with three big wheels, for smoother rides.

Its powerful front engine is powered by a lithium-ion battery, with a capacity of 400 Wh, a weight of 2,6 kg, and a range of around 35km.

Currently, it can reach a maximum speed of 25 km/h.

Thanks to its shock-absorbing system and its three 20" wheels, it guarantees smoother rides, even on rough and tumbles streets.



It's equipped with energy recovery function: the brake lever allows to activate both the recovery function and the rear disk brake.

Equipped with built-in GPS tracker and telemetry, it's got an elegant and minimal design: all its cables are hidden inside the aluminum and steel structure, and the swappable lithium-ion battery is located inside the fleet, guaranteeing improved stability.

Lightweight and robust, thanks to its aluminum and steel structure, the Askoll e-kick scooter allows a maximum of 100 kg weight, has got a digital display, a rear red light and red taillights for braking.

eBsharing

After a piloting phase in two Italian cities – Modena and Calenzano – eBsharing is ready to debut at Eicma in its definitive version.

The added value - in comparison to other e-bike sharing services - is represented by the differently managing of the service thanks to its removable battery, entirely managed by the user. A proper lightweight power bank (it weighs only 500 g), which is compact (its dimension are cm 7,1 x 15,8 x 3,2), portable and multifunctional, will be useful both to start the e-bike and to charge your own devices, such as smartphones and tablets.

In comparison with the version presented during Eicma 2018, the new eBsharing has technical news. First, now the Askoll eBsharing is hybrid: besides its pedal-assisted mode, you can ride it with a non-assistance mode; in this case, the power bank is not necessary, and the telemetry system is powered by an internal battery that charges while the bike is being used.

The battery, initially located in the front, is now placed behind the saddle, guaranteeing an easier insertion. In addition, in the rear, you find the telemetry system.

eBsharing is developed to ensure maximum life for the vehicle: its 24" wheels have got no-drilling tires.

Light and manageable, it weighs 21 kg, allows a maximum speed of 20 km/h and a range around 17 km. The Askoll brushless electric motor is integrated into the rare hub, has a power of 150W (nominal rating), delivering 16 Nm torque.

The battery charges in 3,5 hours – from 0 to 100% - by connecting it to the specifically provided charger. It is also equipped with a front basket that allows carrying up to 5 kg.

eBsharing is provided with a smart black-box which is powered by an internal battery that charges while the bike is being used. The bike is also equipped with a mechanical block that helps to prevent thefts; in case of bike lifting, a buzzer will start. The board system signals potential odd movements of the vehicle, in addition to the information about the bike's position.



To use the bike, you need to subscribe to the service, download the App, which allows the users to identify the closest stand and book the bicycle. Once you have received the identification code of the available bike, the headlights will turn on to simplify the recognition of the reserved vehicle. Then, after choosing use mode, you can start your trip, with no assistance mode or with pedal-assisted mode, by inserting the battery in the fitting room. It is effortless to end the rental: you only have to leave the bike in one of the suitable stands, reactivate the pedalling bollard, remove the battery and deactivate the app.

e-Moped

The range of Askoll mopeds dedicated to shared mobility expands. Besides eS2 Keyless (supplied to MiMoto and eCooltra), the Italian company showcases at Eicma DIXY, the new model that reaches a maximum speed of 66 km/h. The decision is imposed by the increasing requests from the sector's providers that will be able to widen the sharing programs in suburban areas.

DIXY is a moped with a new aesthetic, which is developed with a bigger saddle, for unique habitability. It is large, with a more protective shield, and offer even better safety while driving. This was not merely an aesthetic choice, but also a functional one, to guarantee the highest performance levels. The DIXY model dedicated to e-sharing fleets reaches a maximum speed of 66 km/h and has a range up to 96km*. The Askoll brushless electric motor is powered as standard by two lithium-ion battery packs with a total maximum capacity of 2,800 Wh and weighing 8,1 kg. Braking is assured with the CBS braking system, which guarantees maximum safety in any condition of use.

The Askoll eS2 Keyless, the undisputed key-player of sharing services, has a power of 2.200 W (nominal rating), and a maximum speed of 45 km/h. Equipped with two lithium-ion batteries with a capacity over 2.000 Wh, it has a range of about 70 km*.

Both mopeds have large wheels (80/80-16" at the front and 90/80-16" at the rear) are central features of both versions, as are the dual-compound tyres, which are softer at the edges and hard-wearing in the centre.

The Askoll swapping system is perfect for easing the providers' job: you can recharge the mopeds by pulling out the batteries, and replacing them with new, fully recharged ones; this guarantees high efficiency for the entire fleet.

All Askoll mopeds dedicated to sharing mobility are equipped with built-in GPS tracker, telemetry, and wireless connectivity, which allow the activation of the vehicle through an App, unlocking the kickstand, and opening the top box, where you can find two helmets, for rider and the passenger.

* according to 168/2013 CE

Askoll

I am electric

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