



SOLEX FAIT TOURNER NOS VIES DEPUIS 1946

100% ELECTRIC – RANGE 2014





Prehistory...

Being able to move has always been a crucial element for mankind. The wheel invented 3,500 years BC was a major step. On the other hand, for the bicycle the wait was long ! The bicycle is far from being a dinosaur. The first ancestors of our bicycles, the "Célérifères" date back to the end of the 18th century.

The "Vélocipèdes" which appeared in France around 1860 had a franc success. Following the licensing of the rubber tyre in 1888 and the arrival of secure bicycles with a chain transmission, the comfort and design of the bicycle got very quickly close to that of nowadays.



Ideas and Men

Going back to the previous century, in the early 1900, Maurice Goudard and Marcel Menesson are aspiring engineers mad keen on mechaics. They foresee that the industry is a sector that is going to see a phenomenal growth. A strong and creative partnership is going to emerge from their friendship and conviction.

Good grief!

« Goudard et Menesson » is the name uniting the part-nership. It was a bit too long and not easy to memorize. This was rapidly verified on the parts they were manufac-turing, most notably on radiators upon which the name did not appear correctly. To that effect, Maurice Goudard sought counsel from his family. In advance on his era, he imposed smart constraints and methods that are still valid nowadays. The whole "avant garde" spirit of the Company started then. For its brand-name he desires a short name of five letters and no more than two syllables, euphonic, without any signification and pronounceable in all languages...

The approval for **Solex** was unanimous in the family. The legend may begin, we are in 1905.

The turning point

Spurned by the automotive manufacturers, the begin-nings of Goudard et Menesson are difficult. It was a tender offer by the Compagnie Générale des Omnibus that saved the company.

Inventions and production will thrive... Until Marcel and Maurice are conscripted from 1914 to 1918, giving the keys of the Company to their secretary. The war impacted the activity but it quickly recovered and got an internatio-nal recognition, which followed its development abroad, including in Germany and in Japan as of 1923!

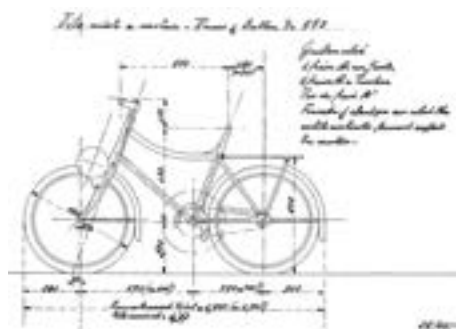
At the dawn of a new war and with a declining economy, Marcel Menesson finally gave birth to an idea which had been in his head since 1917 : a bicycle with an engine.

December 1940 : the revolution has begun with a first prototype boasting a speed of 35km/h !

The innovative idea is the following : partner a run-ning-wheel transmission to a sturdy frame to create a full motorcycle. The first of its type!

The first pre-series will be manufactured in 1942. One official decree will approve this new two-wheel category in 1943.

The production and sales will start in April 1946. The success was meteoric, mainly due to its sale price, which was lower than one month of wages, and of course due to its very low petrol consumption. "Less than a Shilling per kilometer", a very successful argument with the general public.



Happy days

The Fifties... The happy days and the days of glory for Solex! Ever since the launch of the first models in 1946, the numbers are dizzying... The factory manufactured 25,000 units in 1948 and no less than 36,000 in 1949!

100 Solex sold per day, one incredible figure at the end of this decade.

"When you love... You stop counting!"

As of 1951, the models are more and more sophisticated and production reaches 100,000 in 1953...

Solex's strong features

The success of Solex is also due to one exemplary after sales service. A network of Vélosorex service points covers France and spreads out even further abroad. At these service points one can fill-up with Solexine, a fuel developed with BP in 1947 this fuel was a pre-dosed oil and petrol mix sold in a 2L can. This mix was ideal for the longevity and the performance of the motor.

60's Yeah !

The "Yéyés" (from Yeah ! Yeah !) and their breeze of freshness and vitality will erect the Solex to the cult status and further, the accomplice of a state of mind. To go to the office, the Sorbonne or even to the beach, no such thing as a Solex ! In the mid-60's, up to 1,500 Solex were sold per day! As with society, the Solex evolved whilst respecting its functional design. As of 1960, one automatic clutch equipped the 1700. The S3800, the most well known model, appeared in 1966. Its motor has more torque and a new low gearing despite a top speed still capped at 30km/h ! A cheer for the hills !

Aaaandd... Action !

Convenient to slip through traffic, sparing with its consumption, the Vélosorex seduces the youngsters, the workers and also the biggest stars of the moment. In town as on film, Brigitte Bardot is a choice ambassador for Solex. A bicycle that does not play only second fiddle. Honoured in the Jacques Tati films, appearing logically aside Gabin or Belmondo, Solex is a star on its own, even on the Super8 film used by all the French people.





SOLEX BY MOBIKY 24V | 36V

What a fast folding system ! Its innovative folding system by pulling up the frame makes the folding procedures fast and easy to process. Convenient and compact, **the Solex by Mobiky** follows you in all your journeys.

The Solex by Mobiky is equipped with:

- . Extra foldable aluminium frame
- . Motor 250W Brushless
- . Foldable pedals
- . Display 24V : LED (3 levels)
- . Display 36V : LCD (4 levels)

Available with:

- . Lithium-Ion 24V - 5,5Ah Samsung cells
Shimano Nexus 3
Brakes: front V-Brake and rear Tektro
- . Lithium-Ion 36V - 9Ah Samsung cells
Shimano Nexus 3
Brakes: front V-Brake and rear Shimano Deore
- . Lithium-Ion 36V - 9Ah Samsung cells
Shimano Nexus 7
Brakes: front V-Brake and rear Shimano Deore

The **Solex by Mobiky** is perfect for cycling in cities thanks to its folding system. This feature makes it easy to take with you on the bus or on the train, and you can stow it easily while traveling.

The 16 inches wheel system is completed by a crankset which gives to the cyclist the same feeling as if it was a regular bike.

The Solex by Mobiky comes with:

- . 1 battery + 1 charger, a user manual and 2 sets of keys.

Dimensions once folded:

L 85 x W 30 x H 85

The Solex by Mobiky weights 17,8kg – 19,2kg, depending on its features

The batteries ranges are:

- . 24V - 5,5Ah - up to 25km*
- . 36V - 9Ah - up to 50km*

Available in 3 different color settings:

Black / Red ●●●
Grey / Fawn ●●●
White/Black ○●●



*depending on assisting mode, topology road, driver's weight, tire pressure and wind direction.

Velosolex



VÉLOSOLEX COMFORT 36V

Just like the Solexity, **Velosolex** owes its appeal to the talented italian designer, **Pininfarina**. Eye-catching, **Vélosolex** boasts high quality components. This is a **foldable** model that can easily be transported in a car boot, camper van, boat, train, bus, elevator, etc. Its delightful appearance is just one of many striking features Velosolex has to offer.

The Velosolex is equipped with:

- .Suspension fork
- .CST 20" tires
- .V-Brakes front and rear
- .6 speeds shimano Tourney
- .Display : LED (3 levels)
- .LED Spanninga light front and rear

The batteries ranges are:

- .36V- Samsung battery 8Ah up to 50 km*
- .36V- samsung battery 10 Ah- up to 70 km*

Available in 2 different color settings:

- Black / Red ●●
- Grey / Fawn ●●

VÉLOSOLEX SMART 36V

The Velosolex is equipped with:

- .Suspension fork
- .Schwalbe energizer +20" tires
- .V-Brakes front and rear
- .3 speeds shimano Nexus
- .Display : LCD (6 levels)
- .LED Spanninga light front and rear

Very easy to handle, velosolex is equipped with a power-assisted system reaching up to 25 km/h speed (Pedel norm).

This means of personal transport is both practical and economical.

The Lithium-Ion removable battery guarantees a power output of 250 W.

A complete battery refill takes 4 hours.

The Velosolex comes with:

- .1 battery + 1 charger, a user manual and 2 sets of keys.

*depending on assisting mode, topology road, driver's weight, tire pressure and wind direction.

Dimensions once folded:

L 830xW500xH790 mm
The foldable velosolex weighs 22 kg



SAMSUNG
SBI TECHNOLOGY

SCHWALBE

Solexity



SOLEXITY COMFORT

Ideal for smart urban transport, the Solexity owns its unique style and personality to the renowned Italian designer, **Pininfarina**. A classic design reinvented, **the Solexity Comfort** is a pleasure to ride and can reach speeds of up to 25km/h (Pedelec norm EN 15194).

The Solexity Comfort has an impressive array of features:

- . Modulated electric assistance (3 modes)
- . Starter function up to 6km/h
- . Removable 36V battery available in 3 different battery life (see below)
- . The display mounted on the handlebar shows: switch on/off, power mode, battery remaining autonomy, light switch on/off

The Solexity Comfort is equipped with:

- . 26" of 28" diameter tires with reflecting stripes
- . Alloy Frames
- . Chain cover
- . Suspension fork
- . V-brakes front and rear
- . Shimano Altus derailleur (8 speeds)
- . Adjustable saddle
- . Design front and rear LED lights battery-powered . Total weight 22kg (battery not included)

Frames sizes:

Tire dimensions	S	M	L
26"	45 cm	48 cm	51 cm
28"	-	50 cm	54 cm

The batteries ranges are:

- . 8 Ah - up to 45 km* - weight: 2 kg
- . 10 Ah - up to 60 km* - weight: 2,5 kg
- . 12 Ah - up to 80 km* - weight: 3kg

Available in 3 different color settings:

- Black / Red ●●
- Grey / Fawn ●●
- White/Black ○●

The Solexity Comfort comes with:

- . 1 battery + 1 charger, a user manual and 2 sets of keys.



*depending on assisting mode, topology road, driver's weight, tire pressure and wind direction.



SOLEXITY SMART

Ideal for smart urban transport, the Solexity owns its unique style and personality to the renowned Italian designer, **Pininfarina**. A classic design reinvented, **the Solexity Smart** is a pleasure to ride and can reach speeds of up to 25km/h (Pedeutec norm EN 15194).

The Solexity Smart has an impressive array of features:

- Modulated electric assistance (6 modes)
- Starter function up to 6km/h
- Removable 36V battery available in 3 different battery life (see below)
- The LCD display mounted on the handlebar shows:
switch on/off, power mode, battery remaining autonomy, speed, trip distance, kilometer counter, elapsed time
- AXA Defender lock

The Solexity Smart is equipped with:

- 26" of 28" diameter tires with reflecting stripes
- Alloy Frames
- Chainglider
- Suspension fork
- Shimano front disc brake and rear roller brake
- Shimano Nexus 7 speeds
- Schwalbe energizer+ tires Puncture-Proof
- Adjustable saddle with suspension
- Design front and rear LED lights battery-powered
- Total weight 23kg (battery not included)

The Solexity Smart comes with:

- 1 battery + 1 charger, a user manual and 2 sets of keys.

The batteries ranges are:

- 8 Ah - up to 45 km* - weight: 2 kg
- 10 Ah - up to 60 km* - weight: 2,5 kg
- 12 Ah - up to 80 km* - weight: 3kg

Available in 3 different color settings:

Black / Red ●●●
Grey / Fawn ●●●
White/Black ○●●

Frames sizes:

Tire dimensions	S	M	L
26"	45 cm	48 cm	51 cm
28"	-	50 cm	54 cm



SOLEXITY INFINITY

Ideal for smart urban transport, the Solexity owns its unique style and personality to the renowned Italian designer, **Pininfarina**. A classic design reinvented, **the Solexity infinity** is a pleasure to ride and can reach speeds of up to 25km/h (Pedeutec norm EN 15194)

The Solexity infinity has an impressive array of features:

- "Shaft Drive" transmission system (Low maintenance, no grease, very thought transmission)
- Modulated electric assistance (6 modes)
- Starter function up to 6km/h
- Removable 36V battery available in 3 different battery life (see below)
- The LCD display mounted on the handlebar shows:
switch on/off, power mode, battery remaining autonomy, speed, trip distance, kilometer counter, elapsed time.
- AXA Defender lock

The Solexity Infinity is equipped with:

- 26" of 28" diameter tires with reflecting stripes
- Alloy Frames
- Suspension fork
- Shimano front disc brake and rear roller brake
- Shimano Nexus 7 speeds
- Schwalbe energizer+ tires Puncture-Proof
- Adjustable saddle with suspension
- Design front and rear LED lights battery-powered
- Total weight 23kg (battery not included)

The Solexity Infinity comes with:

- 1 battery + 1 charger, a user manual and 2 sets of keys.

The batteries ranges are:

- 8 Ah - up to 45 km* - weight: 2 kg
- 10 Ah - up to 60 km* - weight: 2,5 kg
- 12 Ah - up to 80 km* - weight: 3kg

Available in:

Black / Red ●●●

Frames sizes:

Tire dimensions	S	M	L
26"	45 cm	48 cm	51 cm
28"	-	50 cm	54 cm



*depending on assisting mode, topology road, driver's weight, tire pressure and wind direction.

*depending on assisting mode, topology road, driver's weight, tire pressure and wind direction.



SOLEXITY CENTRAL MOTOR

Ideal for smart urban transport. the Solexity owns its unique style and personality to the renowned Italian designer. **Pininfarina**. A classic design reinvented, **the Solexity Central Motor** is a pleasure to ride and can reach speeds of up to 25km/h (Pedelec norm EN 15194).

The Solexity Central Motor has an impressive array of features:

- Digital display with modulated electric assistance
- Assistance 4 modes: Eco, Tour, Sport, Turbo.
- Removable 36V battery available in 3 different battery life (see below)
- The LCD display mounted on the handlebar shows: switch on/off, power mode, battery remaining autonomy, speed, trip distance, kilo meter counter, elapsed time
- AXA Defender lock

The Solexity Central Motor is equipped with:

- Bosch drive system 36V 250W 26" of 28" diameter tires with reflecting stripes
- Alloy Frames
- Suspension fork
- Shimano front disc brake and rear roller brake
- Shimano Nexus 7 speeds . Schwalbe energizer + tires Puncture-Proof
- Adjustable saddle with suspension
- Design front and rear LED lights battery-powered
- Total weight 23kg (battery not included)

The Solexity Smart comes with:

- 1 battery + 1 charger, a user manual and 2 sets of keys.

The batteries ranges are:

- 300Wh -weight: 2 kg .
- 400Wh -weight: 2.5 kg

Available in 2 different color settings:

Black / Red ●●
Grey / Fawn ●●

Frames sizes:

Tire dimensions	Frame dimension
26"	46 cm
28"	50 cm

POWERED BY :



*depending on assisting mode, topology road, driver's weight, tire pressure and wind direction.



SPORT RANGE 2014

Some bicycles are made to ride off the beaten tracks. This is the case of our Solex Sport range ! Feed them with tarmac, forest trails, dusty paths, challenging slopes. For other duties, the Solex Sport range and its top quality battery, paired to a Bosch Drive System, guarantees an extreme reliability and an optimum manoeuvrability.



SOLEXSPORT *TREKKING*

Some bicycles are made to ride off the beaten tracks. This is the case of our **Solex Sport** range! Equipped with a Bosch Drive System, the **Solex Sport** range guarantees an extreme reliability and a good maniability.

The Solex Sport Trekking is equipped with:

- . Bosch Drive System 36V 300W
- . Suspension fork Suntour XCM
- . Schwalbe Marathon Plus Tour 28" tires
- . Hydroforming alloy frame
- . Digital display with modulated electric assistance 4 modes : Eco, Tour, Sport, Turbo
- . Shimano Deore 9 speeds
- . Adjustable sport saddle
- . Front and rear light battery powered

Solex Sport Trekking makes you feel its presence immediately. Its torque sensor reacts to your movements and optimizes your mobility. You can ride on the smoothest and most urban terrain as well as on more difficult ails with great simplicity. Last but not least, you can add the precision of the Deore derailleur to its athletic look! Electric assistance for all with this bike that promotes the riding on many types of terrain!

A strong character:

REACTIVE - ADAPTABLE - ERGONOMIC

The Solex Sport Trekking comes with:

- . 1 battery + 1 charger, a user manual and 2 sets of keys.

The batteries ranges are:

- . 300Wh -weight: 2 kg .
 - . 400Wh -weight: 2.5 kg
- Trekking weights 22 kg, with a 2 kg battery

Available in:

Black / Red ●●

POWERED BY :



*depending on assisting mode, topology road, driver's weight, tire pressure and wind direction.



SOLEXSPORT *DIRT*

Some bicycles are made to ride off the beaten tracks. This is the case of our **Solex Sport** range! Equipped with a Bosch Drive System, the **Solex Sport** range guarantees an extreme reliability and a good maniability.

The Solex Sport Dirt is equipped with:

- . Bosch Drive System 36V 300W
- . Suspension fork Rock Shox XC28
- . Schwalbe Racing Ralph 27,5" tires
- . Hydroforming alloy frame
- . Digital display with modulated electric assistance 4 modes : Eco, Tour, Sport, Turbo
- . Shimano Deore 10 speeds
- . Adjustable sport saddle
- . Front and rear light battery powered

The batteries ranges are:

- . 300Wh -weight: 2 kg .
 - . 400Wh -weight: 2.5 kg
- Dirt weights 22 kg, with a 2 kg battery

Available in:

Black / Red ●●

Climb higher with the Solex Sport Dirt. Racing Ralph tires that are not there just for show. A suspended fork enabling instant reaction on the steepest slopes. Its sport look is not just due to chance. The electric power assistance is there to support you and allow you to meet your challenges. If you're looking for thrills, Solex Sport Dirt is for you!

A strong character:

POWERFULL - RUGGED - SPORTS

The Solex Sport Dirt comes with:

- . 1 battery + 1 charger, a user manual and 2 sets of keys.

POWERED BY :



*depending on assisting mode, topology road, driver's weight, tire pressure and wind direction.



Discover the Solex world on:
www.solexworld.com

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