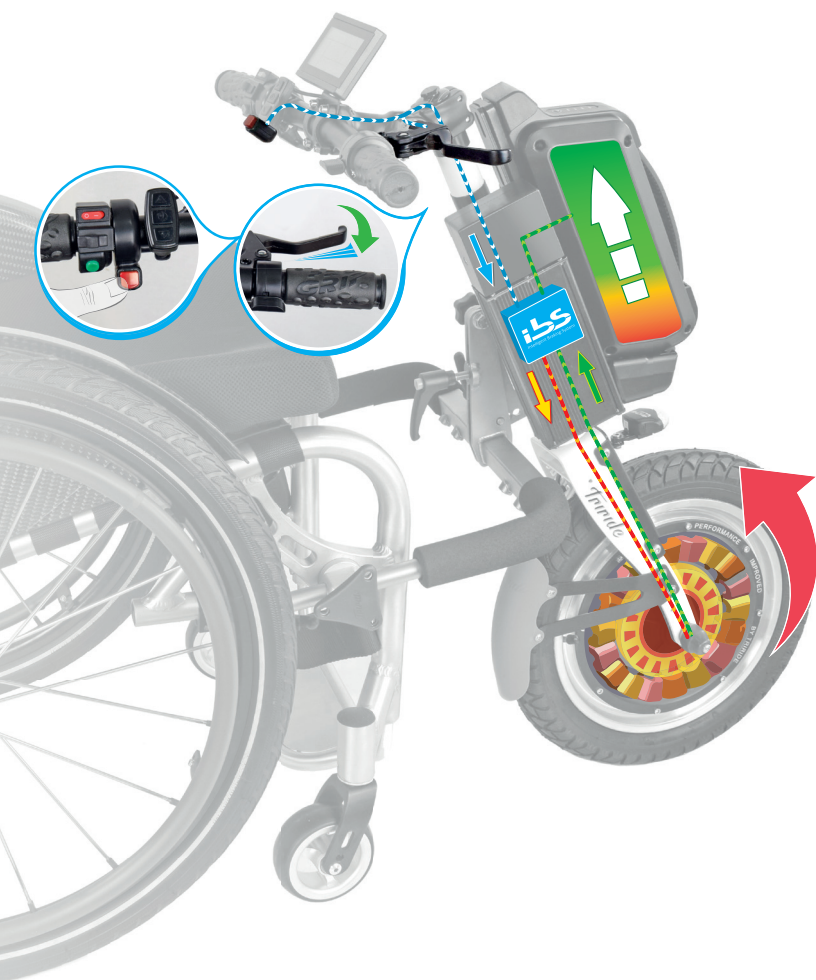


BS-0-101

## IBS Intelligent Braking System






Triride users will drive even more safe. IBS braking system makes driving very comfortable. Braking will be very natural and gradual, even a beginner could enjoy the new braking system like a practiced driver.

**IBS is a electronic braking system, programmable and customizable by exclusive Triride software.**

User could set up the braking, following its requirements, different surfaces and different driving styles. Mechanical brake is no more necessary.

Downhills, impossible so far, will be a new challenge using the gradual braking.

-  **Electrical pulse**
-  **Gradual Braking pulse**
-  **Self charging power**

## EVEN MORE SAFE DRIVING

High level of safety with IBS braking system and user can set up braking system following personal needs. Driving Triride will be even more pleasant using IBS that will help user to drive more safe on any surfaces. The gradual braking will be the irreplaceable support during journeys.

No more risk of wheel lock on smooth or slippery surfaces.

**IBS will assist you as a practiced driver.**

# IBS SYSTEM ADVANTAGES

## Mechanical brake could be used just before stopping or parking brake.

The new IBS system allows drivers to use the motor power for braking. The user will have the option of using the mechanical brake for stopping, emergency or parking.

## No more brakes pads wear.

The new braking system will use the motor power, consequently calipers and pads will last longer.

## Less risks of mechanical brake damages.

Less use of mechanical brake will reduce the possibility of damages.

## Exponential increasing of battery charging during braking (Regen).

The regular use of IBS will enable the battery self-charging when braking, increasing the operating time of Triride.

## Driving long downhills without Brakes overheating.

IBS guarantees more safety in downhill and brakes will not risk overheating.

## Gradual strenght of braking.

The new IBS enables a gradual strong and effective braking avoiding recoils. The braking strength is connected to the driving speed. Braking will be smoothly and Triride will slow down more gently.

## Reduction of front wheel lock (even on smooth and slippery surfaces).

IBS reduces the front wheel lock even on slippery surfaces enabling the user to have a safe and effective braking.

## Smooth braking in normal mode with improved anti-lock system.

IBS software is differently set up for the Triride Normal and Sport modes.

Normal mode: smoother braking, but effective. Improving of front wheel anti-lock system.

## Strenght braking in Sport mode (reducing stopping distance).

IBS software is differently set up for the Triride Normal and Sport modes.

Sport Mode: strenght braking and shorter stopping distance. Enjoy the sport driving.

## IBS at low speed.

IBS can be used at low speed too. The strength braking is calibrated to the driving speed, IBS will Gradually brake at the high speed, at low speed IBS will be less gradual.

## INTELLIGENT BRAKING SYSTEM USE



■ Electronic Brake  
■ Electronic Brake + Mechanical Brake

### IBS activated by Brake lever

IBS can be used by brake lever. Pull slightly the lever to activate the electronic brake without mechanical/hydraulic brake. Pull deeper the lever to use electronic brake supported by mechanical/hydraulic brake system.



■ Electronic Brake Button

### IBS activated by electronic button

The button on the handlebar covers the complete function of IBS system. Pushing the button, the user will get high efficiency of braking system without using mechanical/hydraulic brake. The electronic brake can be also used tapping the button.