

SMART BEDDING MACHINE

SAFETY FIRST

Send your customers out the door with professionally bedded brake pads and rotors that work properly from the first use.

SAVE MONEY

Save valuable time and money! Less than 10 minutes per bike to properly bed in pads without having to fight the weather.

BEST PERFORMANCE

Pads that are bedded in on the Smart Bedding Machine perform more than **20%** better than even the best parking lot bedded pads.



sinter

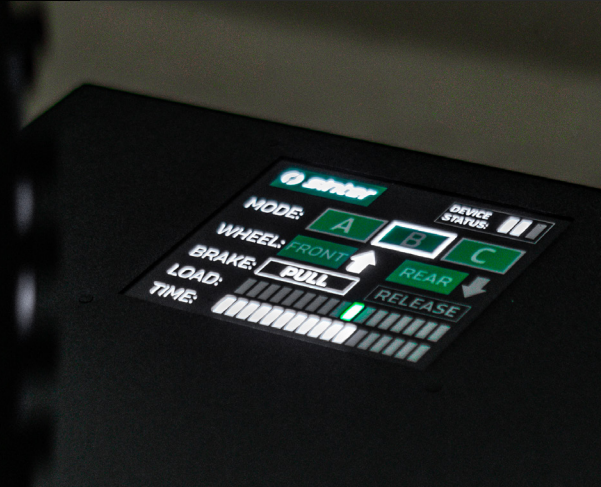
SINTER HAVE DEVELOPED THE FIRST SMART BEDDING MACHINE. CHOOSE THE PROPER MODE TO ENSURE YOUR CUSTOMERS HAVE THE BEST PERFORMING AND SAFEST BRAKES FROM THE MOMENT THEY ROLL OUT THE DOOR!

The Sinter Smart Bedding Machine will save your technicians time and money all while preparing new pads for the ultimate in braking performance from the first pull of the levers.

With a wide variety of different brake pads, brake systems and rotors on the market our machine makes it simple for mechanics to choose the proper mode to bed in pads correctly resulting in a safer, and better performing user experience.

DUAL DRIVE V FORM ALUMINIUM ROLLERS ACCOMMODATE EVERY WHEEL AND TIRE COMBINATION FROM 20" TO 29"

The Dual V form rollers keep positive traction on your wheels while holding the bike steadily in place as you apply the brakes.



THE BEDDING MACHINE UTILISES THREE MODES TO ACCOMMODATE VARIOUS BRAKE AND ROTOR CONFIGURATIONS



sinter



SPEEDING UP THE NEW PAD SERVICE AND BIKE ASSEMBLY PROCESS.

Not only does the Bedding Machine produce pads that out perform parking lot bedded pads by more than 20% but the quick processing time saves you valuable time and money! In rain, snow or sweltering heat your technicians can bed in pads in just a few minutes.

With the processing time of bedding-in pads being substantially reduced this means that less hours are used allowing you to focus workshop efforts elsewhere and speeding up the overall bike build process.

500

BIKES SERVICED

SAVES

€1458

IN LABOR COST.

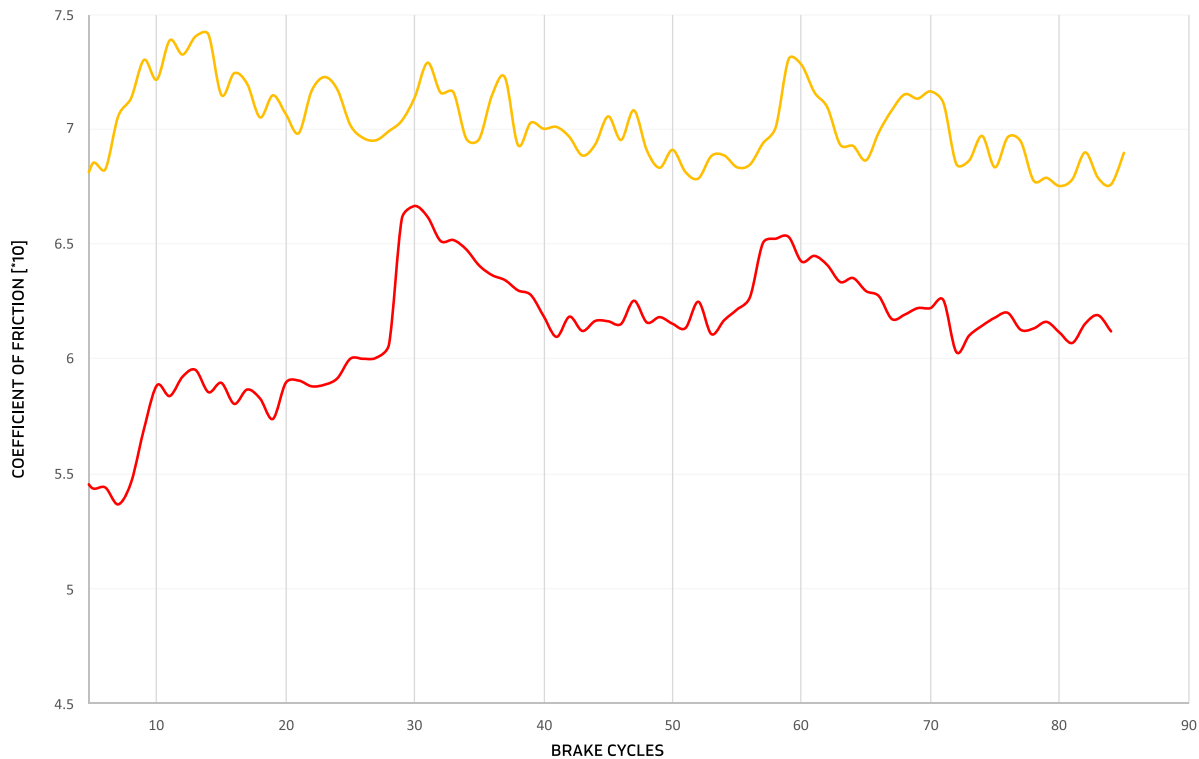


**PERFORMANCE
COMPARISON**

Parking lot bedding-in cannot compete with the performance from a repeatable program found on the Smart Bedding Machine. The initial friction benefits are always present.

**OVER 20%
MORE BRAKING
PERFORMANCE**

PARKING LOT BEDDED PADS vs MACHINE BEDDED PADS FADE TEST



— Best Attempt Parking Lot Bedded Pads — s530 Bedded-in

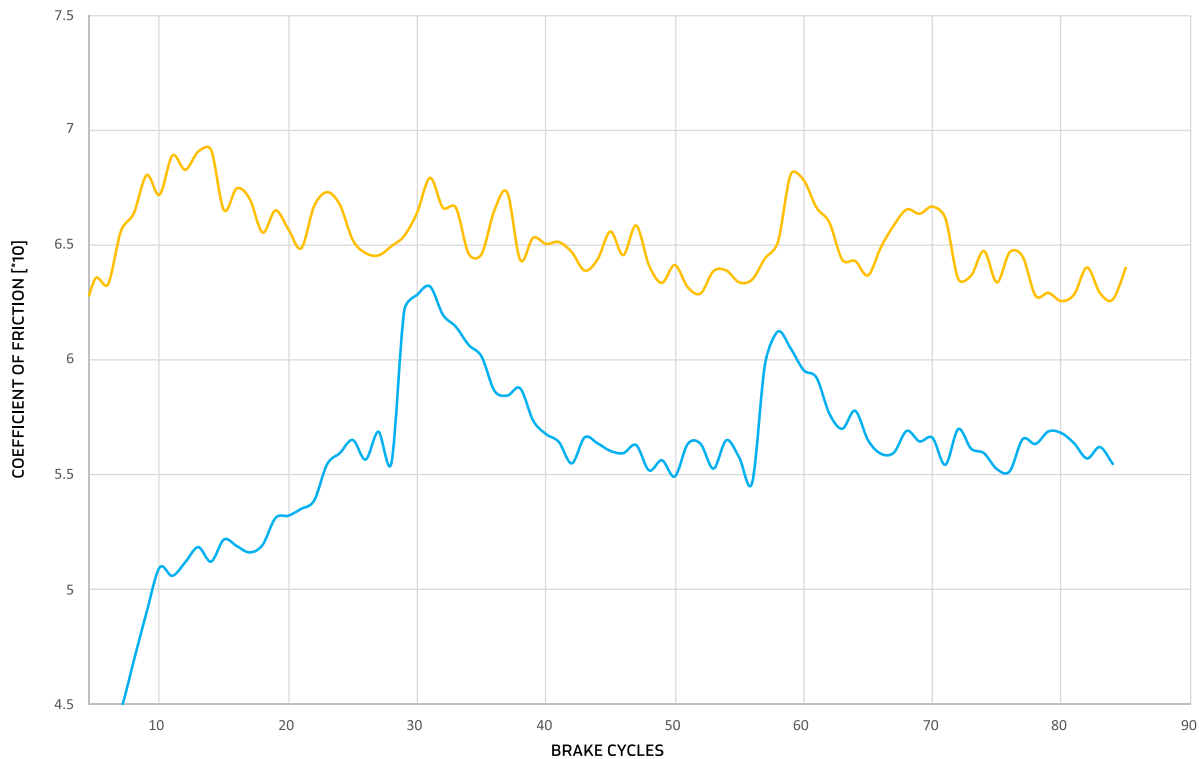


**PERFORMANCE
COMPARISON**

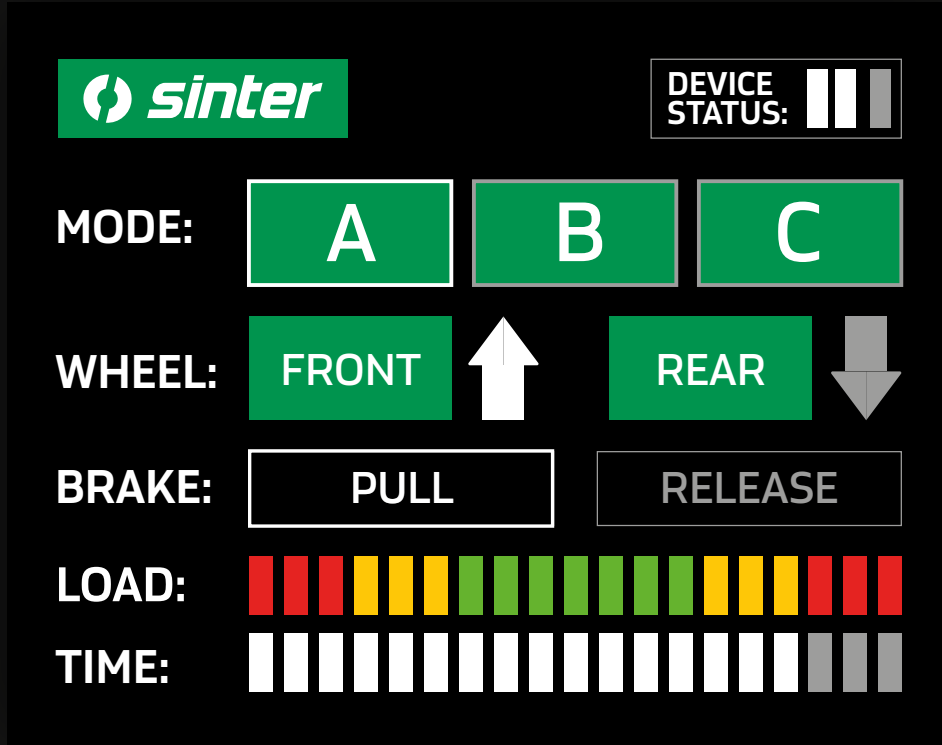
Bedding-in pads provides greater initial performance and consistent long terms benefits through multiple brake cycles. Sending a customer out the door with pads that are not properly bedded is simply unsafe.

**CONSISTENT,
SAFE, HIGH
PERFORMANCE
BRAKING AFTER
BEDDING**

MACHINE BEDDED PADS vs NON BEDDED PADS FADE TEST



— s530 Non Bedded-in — s530 Bedded-in



FAILSAFE USABILITY PROCEDURE MAKING THE BEDDING-IN PROCESS EASY

Our machine will walk the user through the bedding process step-by-step so that it is done to a safe, consistent and high-performance standard.

- STEP 1** When wheel is put into the machine, the 1st DEVICE STATUS light will begin blinking to indicate the machine is calibrating.
- STEP 2** When calibration is done then the 1st DEVICE STATUS light will change to a solid light and the bedding procedure will start with the PULL light turning on.
- STEP 3** When the PULL light is on, pull the Brake Lever. This will follow with a series of PULL and RELEASE lights switching. Follow the lights by pulling and releasing the brakes. Pull the brake hard enough to bring the LOAD light to the center of the bar. Hold the brake on, following the TIME bar lights until the RELEASE light appears then release the brakes completely. Repeat as indicated.
- STEP 4** When the PULL and RELEASE bedding procedure is complete the first 2 DEVICE STATUS lights will blink 5 times and the rollers will stop and reset for the next wheel.



THE SMART BEDDING MACHINE UTILISES THREE MODES TO ACCOMMODATE VARIOUS BRAKE AND ROTOR CONFIGURATIONS

MODE

A

COMPATIBLE BRAKE CONFIGURATIONS WITH THIS MODE

140 ice tech 2 piston	160 regular 2 piston
180 regular 4 piston	203 regular 4 piston

TOTAL APPLICATION TIME

MACHINE CALIBRATION	PROCEDURE RUN TIME (MINUTES)
20 SECONDS	2:30

MODE

B

COMPATIBLE BRAKE CONFIGURATIONS WITH THIS MODE

160 ice tech 2 piston	180 regular 2 piston
180 ice tech 4 piston	203 ice tech 4 piston

TOTAL APPLICATION TIME

MACHINE CALIBRATION	PROCEDURE RUN TIME (MINUTES)
20 SECONDS	2:45

MODE

C

COMPATIBLE BRAKE CONFIGURATIONS WITH THIS MODE

180 ice tech 2 piston	203 regular 2 piston
220 regular 2 piston	220 regular 4 piston

TOTAL APPLICATION TIME

MACHINE CALIBRATION	PROCEDURE RUN TIME (MINUTES)
20 SECONDS	3:00



CHANGE THE DIRECTION OF THE WHEEL WITH A WAVE OF YOUR FOOT

The roller drive direction can be changed with a simple wave of your foot past the touchless sensor, or by using the control panel on top. There are separate functions for the front and rear wheel.

FURTHER SMART BEDDING BENEFITS

- For bicycle assemblers the machine creates a high quality, consistent level of finished product for consumers
- Consistent bedding-in eliminates hotspots on the pad surface leading to quieter braking performance
- Provides a more even pad surface than bedding on the trail or in a parking lot resulting in improved wear
- With the adoption of e-bikes universal across all forms of riding properly bedded-in pads are now more important than ever to deal with the increased braking demands from a new generation of bikes and riders.
- Our built-in stop/start functionality makes for a more efficient bedding-in process.
- A USB port is also featured to keep the machine up to date with Sinters latest firmware updates.



sinter

SPECIFICATIONS

- Generated speed: 24km/h (Tire dependent)
- V Shape Dual Drive Aluminium rollers accept all Tire types and sizes
- Wheel sizes from 20" to 29"
- Tire widths from 1.0" to 3.0"
- 220v or 110v models available
- Change direction for Front to Rear wheel via touchless foot sensor or on control panel button

DEVICE STATUS - Indicates the status of the machine

MODE (A, B, C) - Select different bedding-in programs based on Rotor Size and Braking System

WHEEL - Indicating Front or Rear wheel

BRAKE - Indicating when to pull or release lever

LOAD - Load indicator to allow user to modulate braking force for consistent bedding-in

TIME - Remaining brake and cool down times between cycles

DIMENSIONS

W: 270mm

H: 250mm

L: 690mm

Weight: 22.8kg

PRODUCT CODES

93-200-110-0 (For USA and other markets, which use 110V, 60Hz frequency)

93-200-220-0 (For EU and other markets which use 220V, 50Hz frequency)