LAARMANN®

Innovators in Solids

Bottle roller

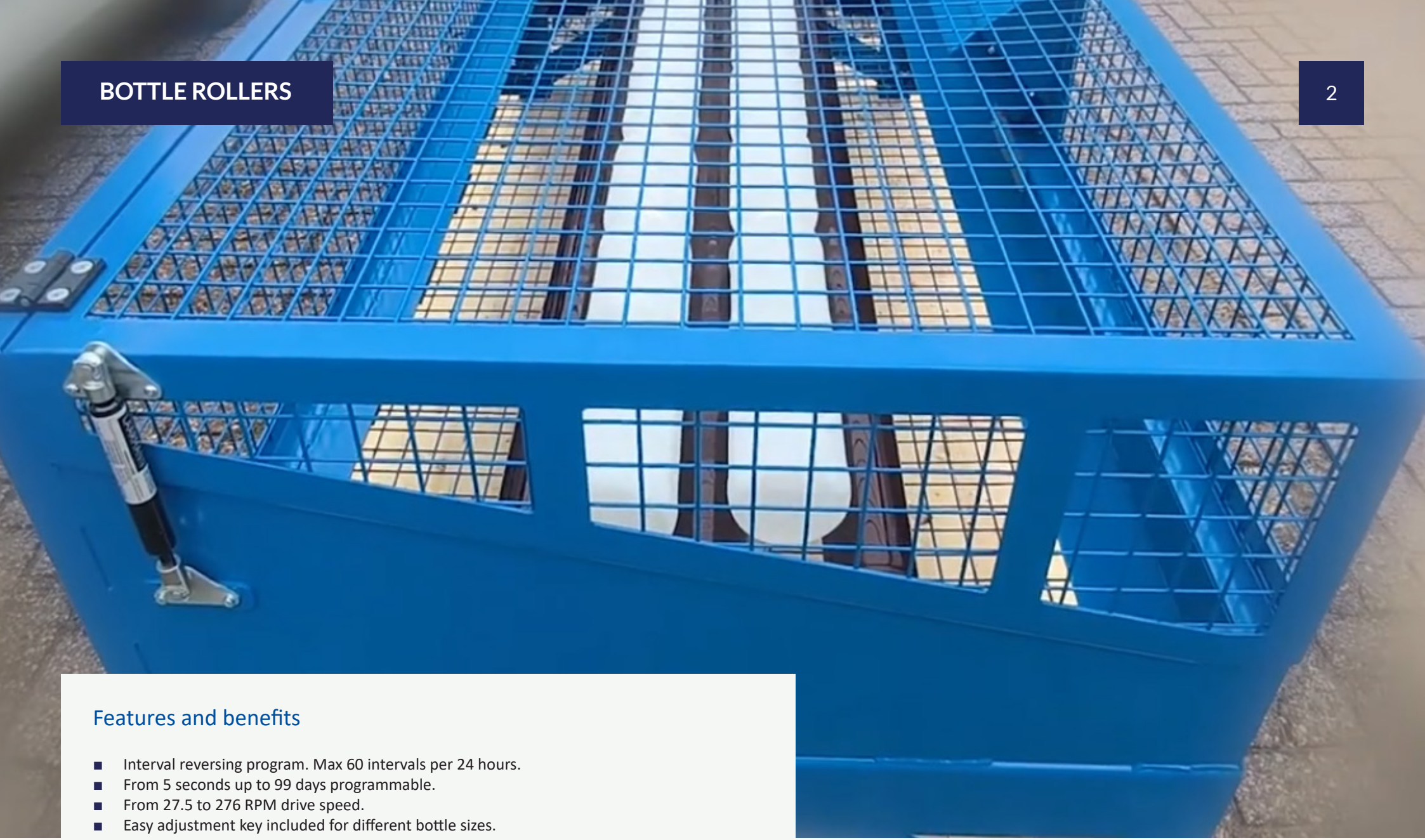
LMBR500/LMBR2000 BOTTLE ROLLERS

suitable for a wide variety of mixing and grinding applications





BOTTLE ROLLERS ARE ENGINEERED FOR WET AND DRY MIXING AND GRINDING APPLICATIONS



Features and benefits

- Interval reversing program. Max 60 intervals per 24 hours.
- From 5 seconds up to 99 days programmable.
- From 27.5 to 276 RPM drive speed.
- Easy adjustment key included for different bottle sizes.

BOTTLE ROLLERS

Description

LAARMANN bottle rollers are used for wet and dry ultra-fine grinding and mixing for laboratory and small batch production. The machine is preferred equipment for scientific research, education, experiment and production due to its advantages such as, easy operation, high efficiency, and uniform granularity.

The rollers can be adjusted to fit several sizes of bottles. Using the bottle roller will result in grinding and mixing the sample at an adjustable rotating speed.

Our bottler rollers are build for high performance and long term use to have a reliable results for applications that require long term grinding or mixing

Bottles are available in different kinds of materials such as plastic such as plastic, Aluminium oxide bottle and stainless steel to prevent contamination of the sample



Different material bottles such as plastic, aluminium oxide and stainless steel

Operation

The LAARMANN bottle rollers are incredibly easy to use and have a high amount of options.

The Bottle Rollers both have a digital display with user-friendly manual and automatic programs with options such as changing directing for a custom amount of times during a run and custom times that can run for days or just a few minutes to fit all kinds of applications.



Bottle roller key drive component also avalible in stainless steel

Safety features

The LMBR2000 bottle roller is equipped with a safety cage and closed down with a manual safety switch. The cage will be supported with pneumatic springs.

The bottles are rolled on their own horizontal axis until the desired mixing, grinding or blending result is obtained.



BR500 with stainless steel bottle

Applications

- Milling mixing soap
- ink
- Pigment
- Herbs
- Ores
- Chemicals
- Ceramic raw materials
- Paints









Technical specifications	LMBR500	LMBR2000
Applications	Mixing and blending materials such as powders, ore samples, ceramics, composites or soils	
Working principle	Mixing or grinding with bottles in rolling motion	
Speed setting	27.5 to 276 rpm	30 to 280 rpm
Bottle amount	1 standard sized bottles	up to 14 standard sized bottles
Bottle available materials	plastic, aluminium oxide and stainless steel others on request	
Maximum length bottle	350mm	-
Maximum diameter bottle	318mm	370mm
Minimum diameter bottle	205mm	120mm
Setting adjustment method	Digital control panel	Digital control panel
Time setting	5 seconds up to 99 days	5 seconds up to 99 days
Power supply	220/240V ± 10% - 50/60Hz	220/240V ± 10% - 50/60Hz
Electrical requirements	180W	700W
Power connection	1 phase	1 phase
Standard	CE	CE
Weight	41kg	470kg
Dimensions (length x width x height)	600 x 400 x 300mm	2453 x 1112 x 1090 mm (2145mm with safety cage open)

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