

Service machines
BERKOL berkolizer pro

Bräcker

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New levels of efficiency



Optimal, consistent and
energy-efficient UV treatment

BERKOL berkolizer pro

OUTSTANDING

ADVANTAGES

Productivity Increase

UV light smooths the surface of the cot, making it less aggressive for the fibers. It reduces the risk of lapping and prevents fiber loss during the spinning process.

Adjustable Process Parameters

The rolling speed and light intensity are adjustable and can therefore be set to optimize performance and energy efficiency.



Optimal UV Irradiation

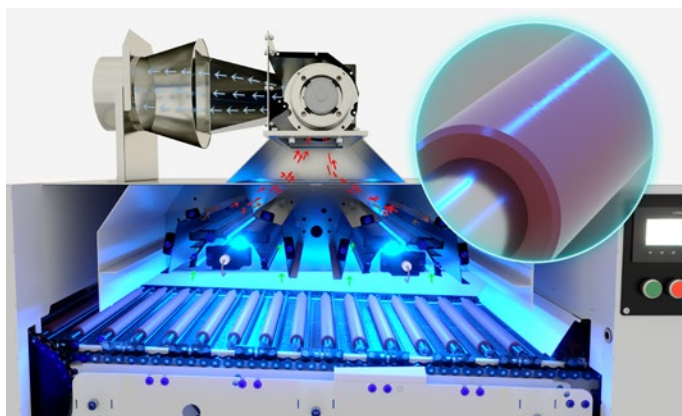
The BERKOL berkolizer pro features a rolling processing system which provides the same exposure conditions for all top rollers and long cots. The unique reflector system ensures a complete exposure over the entire circumference and width of the roller/cot.

UV Treatment Like No Other

Through innovative design and technology, the BERKOL berkolizer pro, optimizes the exposure of rubber cots and controls the intensity of the UV light, which ensure an optimal, consistent and energy-efficient UV treatment. This reduces the risk of lapping, prevents fiber loss during the spinning process and thus increases productivity. With a consistent and full irradiation, the highest possible quality is achieved.

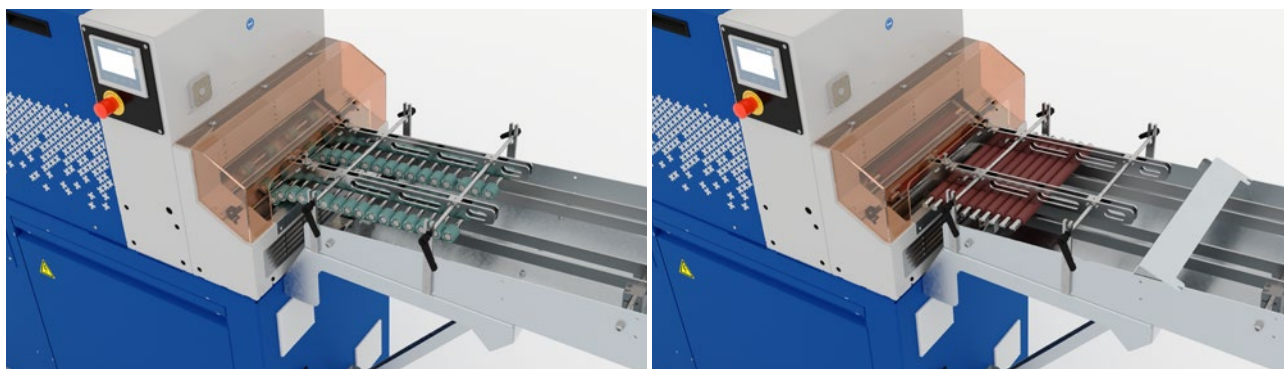
Unique reflector system

The unique reflector system ensures consistent irradiation of the entire circumference and width of the top rollers/long cots, regardless of their geometric complexity.



Universal loading

Thanks to a wide feed unit, the BERKOL berkolizer pro can process simultaneously up to two top rollers, or any long cot with a length up to 420 mm and a diameter up to 50 mm.



Technical specifications

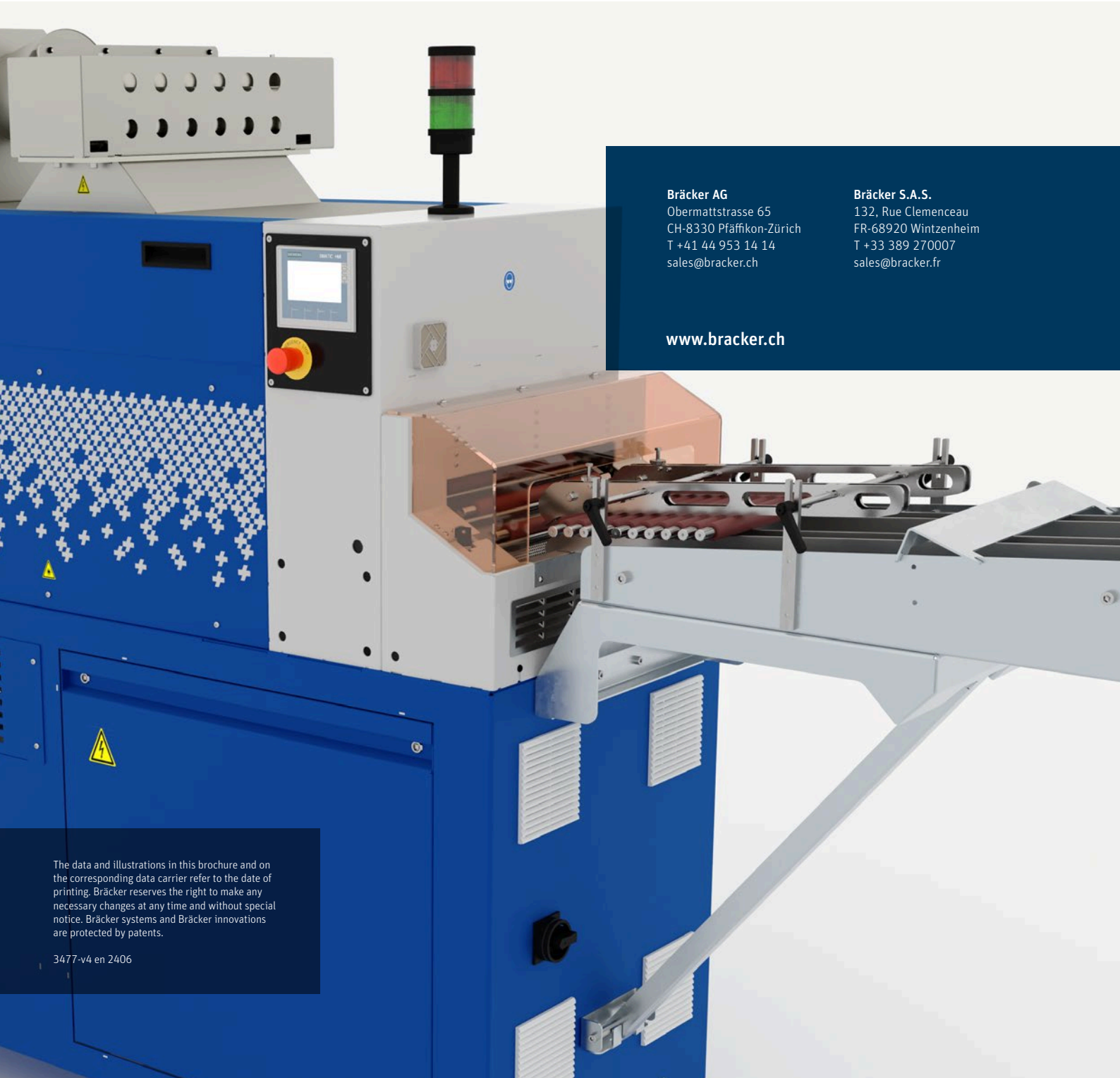
Electrical connected load	4 – 7 kW/h
Dimensions (length x width x height)	4 000 mm x 710 mm x 1 200 mm
Performance	Radiation time 2 min – 780 pcs/h
	Radiation time 3 min – 520 pcs/h
Radiant power	Specific lamp power up to 60 W/cm
	Nominal lamp power 2 x 2 500 W

Efficiency to a new level

The output of the BERKOL berkolizer pro covers one of two conventional UV machines, leading in space, energy and manpower savings.

Controlled and automated process

Compared to traditional feeding of cots, the rolling process of the BERKOL berkolizer pro offers automation and controllability. It also provides the same exposure conditions for all top rollers/long cots.



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