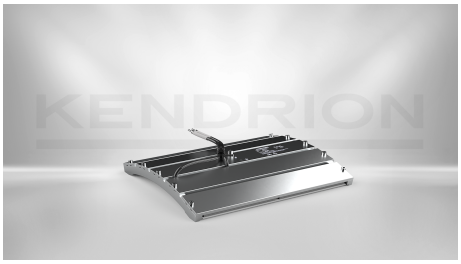
CONTOUR INDUCTORS

Inductor for heating curved surfaces

CONTUR HS10017



The contoured heating inductor heats curved surfaces with a radius of 687 mm.

If required, several inductors can be arranged next to each other. This allows individual areas to be heated individually, resulting in particularly homogeneous surface temperatures. The high efficiency of the induction systems of approx. 98% means that the electrical energy is converted into heat very efficiently. The power density of 48 kW/m² enables rapid heating and precise temperature control up to approx. 240°C.

- High efficiency of approx. 98%
- Direct heating of the roller
- Modular design
- Cost-optimized
- Power Control 1 – 100%
- Constant temperature profile
- Maintenance-free

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DESCRIPTION	VALUE
Dimensions (W x H x D)	246 mm x 275 mm x 30 mm
Heated Section	approx. 627 cm²
Rated power	3,0 kW
Temperature range	0 ... 240°C
Power density	48 kW/m²
Heating circuits	1
Inductor current	12,5 A
Inductor voltage	500 Vrms
Efficency	approx. 98 %
Duty cycle	100 % duty cycle
Electrical control	For connection to Kendrion induction generators
Electrical connection	stranded wires
Product status	Standard Product
Certifications / Standards	Low Voltage Directive

CONTACT

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PRODUCT

https://www.kendrion.com/en/productfinder/group/product/contour-inductors/contur-hs10017

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