

The Digital Sealing Solution

watttron
The benchmark of efficiency

HFFS Pouch Making Application

Challenges

for mono-material processing

- Start-up losses
- Leakers in the triple point
- Deformed and shrunk seals and pouches

watttrons Solution

Benefits



Reduction of ramp-up losses



Mono-material processing



Increase quality and output



Energy saving



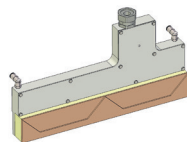
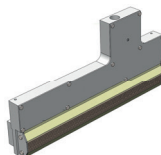
Easy machine integration



Also available for products with **Spout and Zipper Sealing**



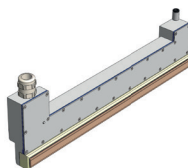
1 Bottom Sealing Bottom Format Sealing



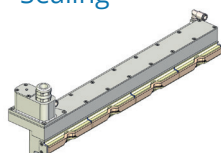
2 Vertical Sealing



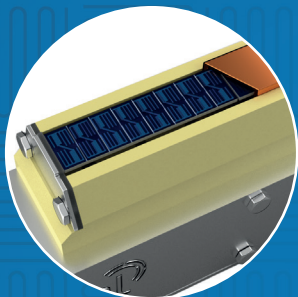
3 Top Sealing



Top Spout Sealing



Technology DeepDive



Precise temperature control

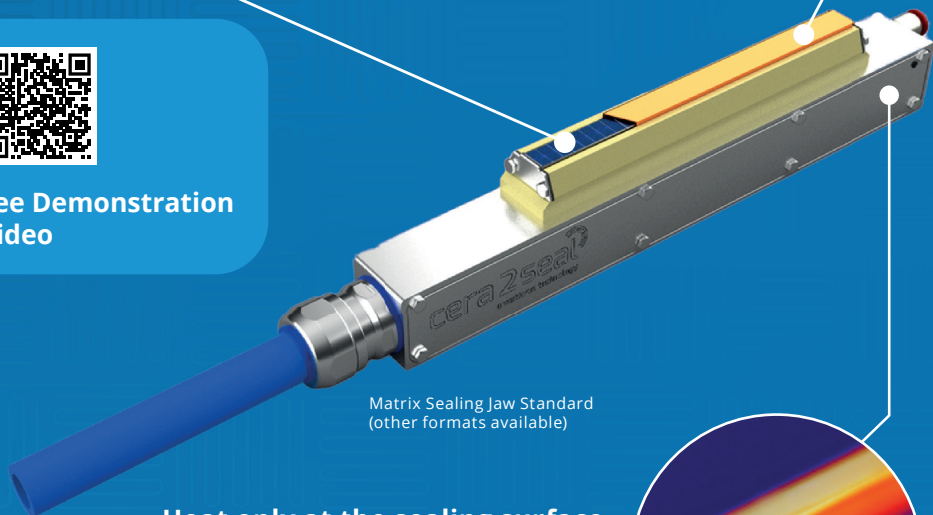
Localized heat application via individually controlled pixels enables variable temperature zones, such as for sealing layer steps or a homogeneous sealing area.

$\Delta T < 2\text{ }^{\circ}\text{C}$ accuracy for each pixel

enables the processing of mono-materials and reduces adhesion and need for teflon.



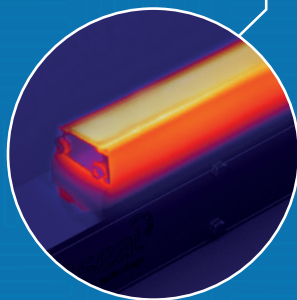
See Demonstration
Video



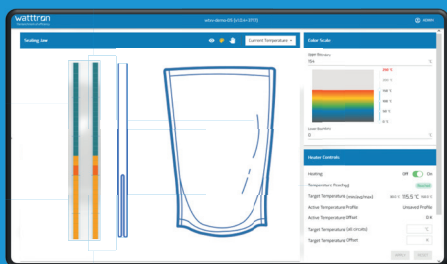
Matrix Sealing Jaw Standard
(other formats available)

Heat only at the sealing surface

Reduced electricity consumption and decreased thermal impact on the machine.



Intuitive Graphic User Interface



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