

# The Digital Sealing Solution

**watttron**  
*The benchmark of efficiency*

## VFFS Pouch Making Application

### Challenges

for mono-material processing

- Start-up losses
- Deformed and shrinked seals and pouches
- Leaky packaging
- High price materials

## watttrons Solution

### Benefits



Mono-material processing with pixel-wise heating



Energy saving



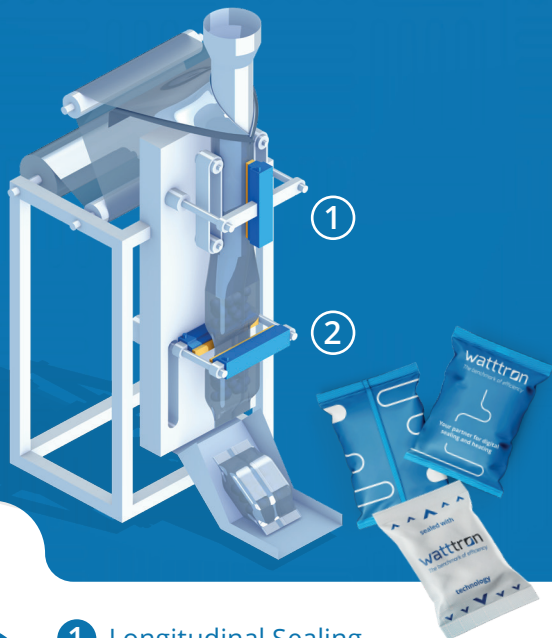
Fast ramp-up and cool down



Easy machine integration



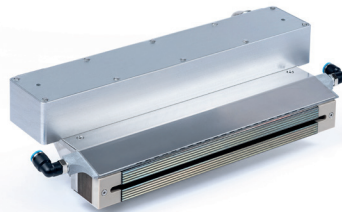
Increase quality and output



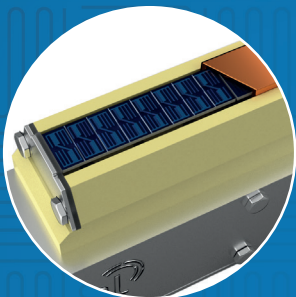
### 1 Longitudinal Sealing



### 2 Cross Sealing



# Technology DeepDive



## Precise temperature control

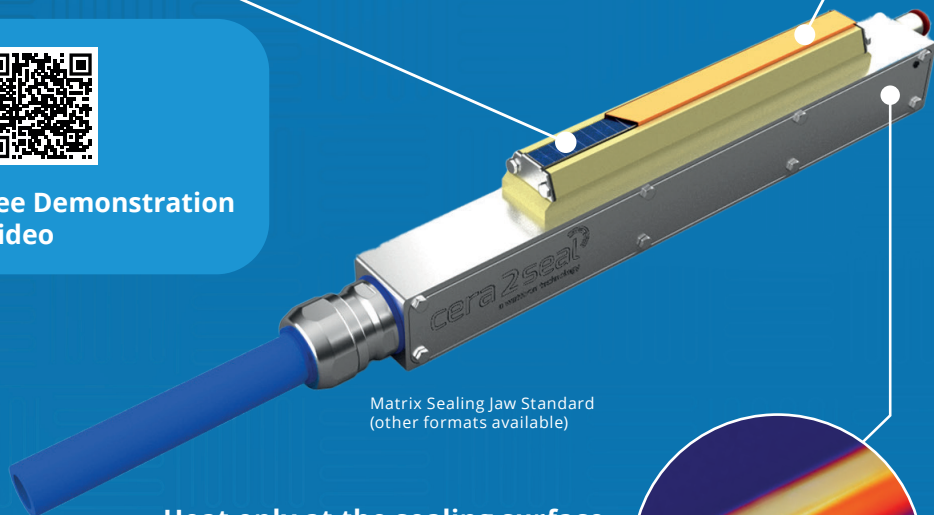
Localized heat application via individually controlled pixels enables variable temperature zones, such as for sealing layer steps or a homogeneous sealing area.

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

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



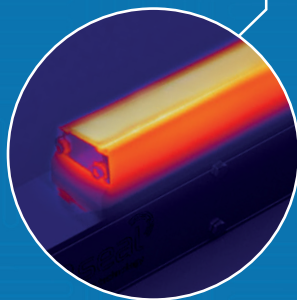
See Demonstration  
Video



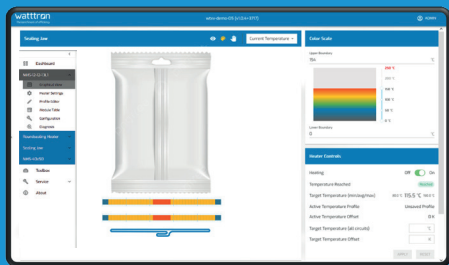
Matrix Sealing Jaw Standard  
(other formats available)

## Heat only at the sealing surface

Reduced electricity consumption and decreased thermal impact on the machine.



## Intuitive Graphic User Interface



## Contact

[www.wattttron.com](http://www.wattttron.com)

Tel. GER: +49 (0)351 27180800

Tel. USA: +1 (312) 665-0984

E-Mail: [info@wattttron.com](mailto:info@wattttron.com)