

# Soniseal™ 40 Series

Ultrasonic Sealer for Flexible Packaging Applications

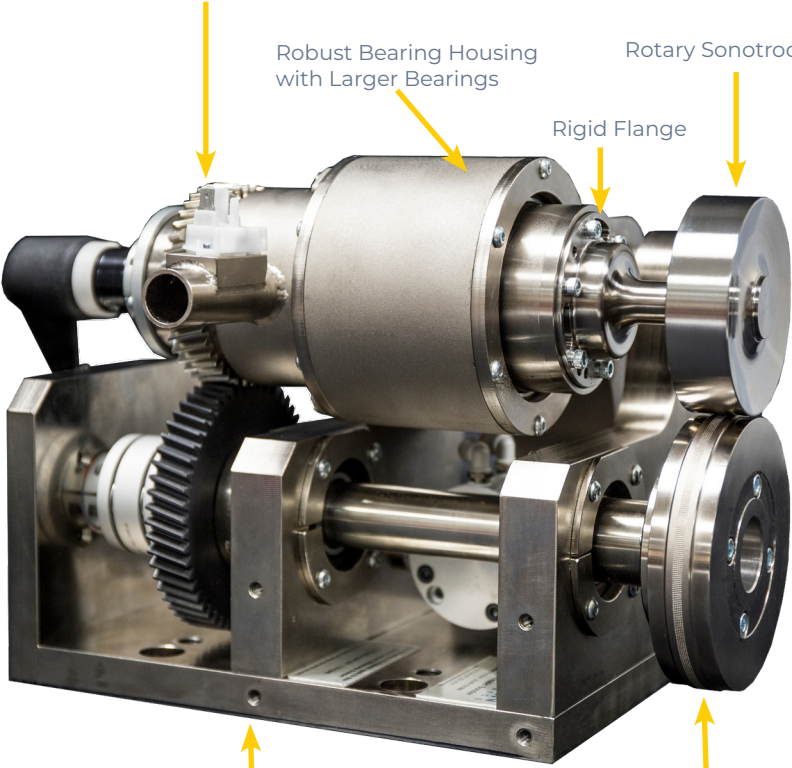
## AURIZON TECHNOLOGY

Fixed or Differential Speed Gearing

Robust Bearing Housing with Larger Bearings

Rotary Sonotrode

Rigid Flange



Supportive Mounting Base

Rotary Anvil

### Benefits

- Faster process speeds — up to 228 mpm/750 fpm.
- C-Frame design structurally supports higher compression for effective sealing of lofty materials.
- Designed for low maintenance and long service life, improving down times, and increasing productivity.
- Consistently seals through residual product, reducing leakers and waste.
- Produces minimal heat and reduces potential damage to the product.
- Reduce consumption of packaging materials due to narrower seals, smaller fin sizes, and the ability to seal through multiple layers.
- Process capabilities increase with dual drive model.
- Maximizes seal strength, consistency, and quality.

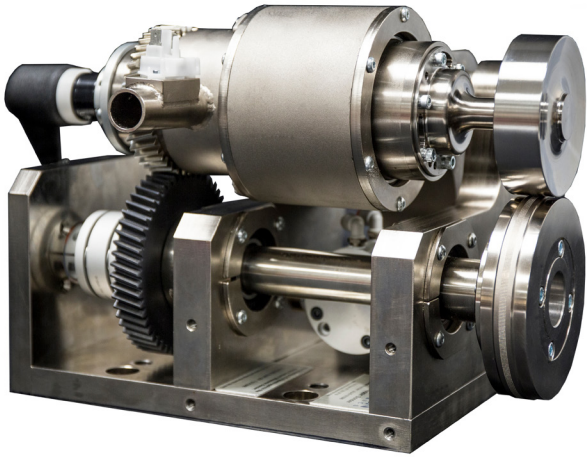


IT'S THE CONNECTION THAT COUNTS

**DUKANE**

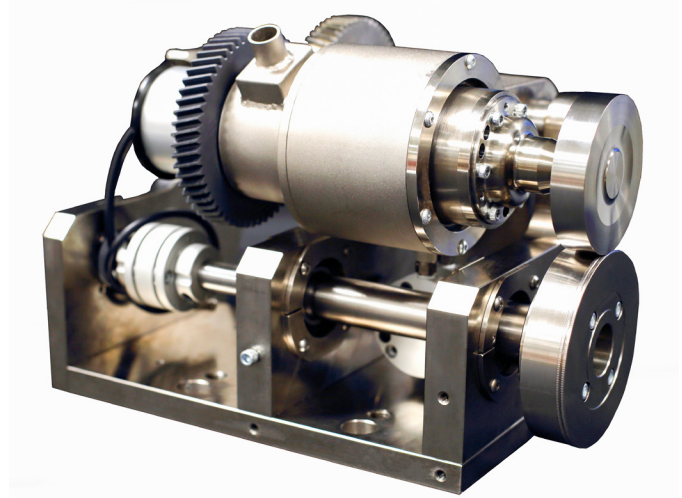
# Soniseal™ 40 SERIES

Ultrasonic Solutions for Flexible Packaging Applications



## SONISEAL™ 40 SD (Single Drive)

- Lighter weight and lower cost of the series.
- Fixed gearing is suitable for high speed linear processes.
- Effective high speed bonding of lightweight materials.
- Industry proven robust design allows for long service life and low maintenance requirements.



## SONISEAL™ 40 DD (Dual Drive)

- Non-circular (lobed and pitched) anvil capability accommodates customized process design.
- Suitable for applications where rotational control or reversing (camming) is required.
- Differential speed capability between sonotrode and anvil enables maximum process control.
- Ideal for zipper attachment and crushing.

| SONISEAL™ MODEL | FREQUENCY | TOP PROCESS SPEED   | AVAILABLE POWER | MAXIMUM BOND WIDTH | WEIGHT             | *APPROXIMATE MACHINE DIMENSIONS |                 |                  |
|-----------------|-----------|---------------------|-----------------|--------------------|--------------------|---------------------------------|-----------------|------------------|
|                 |           |                     |                 |                    |                    | WIDTH                           | LENGTH          | DEPTH            |
| 40 SD           | 40 kHz    | 750 fpm/<br>228 mpm | 600W/<br>1200W  | 1"/<br>25 mm       | 70.5 lbs/<br>32 kg | 8.3"/<br>212 mm                 | 9.6"/<br>245 mm | 13.3"/<br>337 mm |
| 40 DD           |           |                     |                 |                    | 83.8 lbs/<br>38 kg | 9.7"/<br>246 mm                 | 9.7"/<br>247 mm | 14.7"/<br>373 mm |

\*Weight and dimensions are approximate and do not include additional components.

For more information, speak with your Dukane representative, contact your Dukane regional office or visit [dukane.com](http://dukane.com)

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