

ARS™

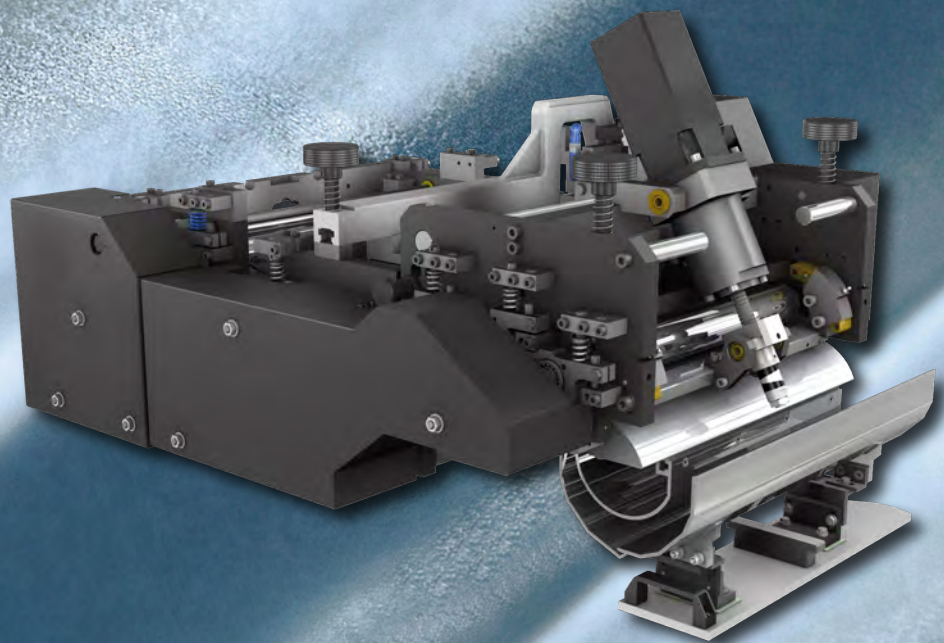
ADAPTIVE ROUNDING SYSTEM



**FLEXIBILITY IN
SHEET MATERIAL**

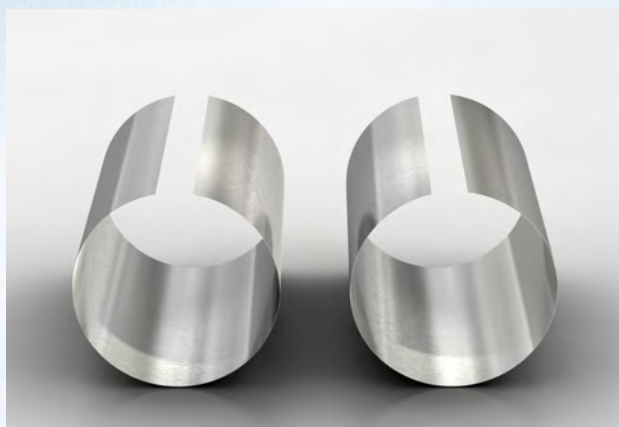
**HIGHER PRODUCTIVITY
AND EFFICIENCY**

LESS SCRAP

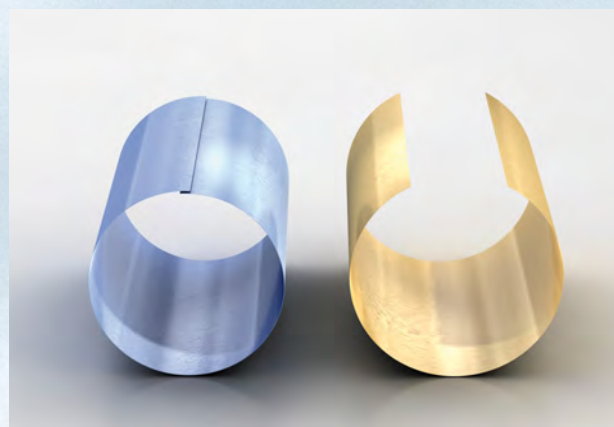


Soudronic

Technology that keeps you ahead



with ARS



without ARS

ARS™ ADAPTIVE ROUNDING SYSTEM

HOW DOES ARS™ WORK?

The inline measuring device is analyzing the body blank material characteristics and is setting automatically the roll form geometry. Therefore, the rounded cylinder has constant geometry independent of material characteristics. The system reaction time is less than 5 ms, therefore, usable up to 1000 cpm.

1. The processed body blank touches the measuring wedge.
2. The measuring wedge detects the contact point of the body blank and transmits the signal to the UNICONTROL (industrial PC).
3. The actuator receives a signal from the UNICONTROL to adjust the prerounded or rounded wedge accordingly.
4. The body blank in process is rounded.

BENEFITS

- No adjustments according to yield strength changes
- Capability of processing continuously different tinplate brands
- Capability of processing continuously a tinplate mix (different qualities, beginning/end of coil)
- Higher line performance due to fewer machine stops for resetting
- Field test results > 5 %
- For can size changeover only the standard procedures are necessary, i.e. no special setup to activate ARS™

TECHNICAL DATA

TYPE	ARS P	ARS M
Max. production	1000 cpm	600 cpm