

7 Good Reasons

Schuler **ICON V-DRIVE**
The vertical bodymaker

1. Reduce

your carbon footprint

with ecological and economical production – the future way of thinking. The new Schuler ICON V-DRIVE generates up to 50% more material savings than extruded cans. The intelligent design and efficient drive system mean the machine only uses energy where it's really needed. Recyclable aluminum alloy has replaced pure aluminum as the raw material.

2. Reshape

your production

with the new disc-to-can concept. Bodymaker and cupper – two machines rolled into one. With its space-saving design and no need for warehouse and waste logistics, this concept delivers outstanding efficiency.

3. Revise

the way you think about bodymakers

and enter the world of vertical production. The vertical ICON V-DRIVE moves the ram in line with gravity and ensures a consistently stable process, even at high speeds.

4. Rethink

your options

and discover a new freedom of choice – in production, material selection and design. The ICON V-DRIVE can achieve narrower tolerances for base thicknesses, for example, and permits the use of higher-strength materials. This creates the capacity for higher internal pressures in state-of-the-art aerosol production. Whether gloss or matte surfaces, aluminum or tin sheet, the new generation of machines offers the ideal solution for any design.

5. Restart

with maximum productivity

and benefit from outstanding economical production. The dynamic counterbalance delivers high speeds up to 250 cpm, while consistent precision in the cradle, redraw and domer ensure minimal downtime.

6. Realize

the difference

and discover new levels of user-friendliness, ergonomics and drive. Look forward to superb ergonomics and easy handling for fast product changes. The efficient servo drive ensures full press force even at just one stroke per minute. Use of air cushions makes a visible difference by reducing the need for oils and cooling agents.

7. Revitalize

for tomorrow

and make the right investment for a safer and more secure future. No matter whether you represent the aluminum or tinplate can market, a major company or a small enterprise, the Schuler ICON V-DRIVE is the perfect fit for your premises and your market.

Join the Revolution

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When two become one. The innovative disc-to-can production system enables cupping and ironing in a single machine for the first time.

Economical and ecological – production geared to the future.

The unique aerostatic slide guiding system is wear-free. Liquid coolant and oil are prevented from mixing thanks to the strict separation of the die and oil areas, thereby cutting oil and cooling agent costs and protecting the environment.

Form follows function.

The ICON V-DRIVE is based on an innovative vertical design concept. The vertical construction stops the slide movement from being affected by gravity. This is crucial to enable effective production, free from negative gravitational influences. The advantage for you? Higher speeds, resulting in maximum productivity.

Servo driven disc clamping

Servo drive ensures peak performance.

The cutting-edge machine design with servo drive shows its strengths right from the outset. It offers impressive ease of installation, requires minimal maintenance and low energy consumption in day-to-day use and ensures economically sustainable production. The user-friendly set-up simplifies machine handling and makes operation straightforward, intuitive, fast and reliable.



Wear-free and seal-free cradle

Schuler drawing and ironing dies.

- max. can height untrimmed = 290mm
- max. can diameter = 74 mm

Precision down to the very smallest detail.

The precise set-up and consistent alignment of the cradle, tooling and domer make subsequent adjustments a thing of the past. This cuts maintenance and noticeably reduces downtimes.

Flexibility for your company.

Whether you're a large corporation or a small enterprise, the Schuler ICON V-DRIVE is the perfect fit for your production environment. The two-in-one machine concept (cupping press and ironing press in one) cuts the installation space required, thereby enabling optimum use of your production area. The machine is only affected by vertical forces in the production process, thanks to mass counterbalance – costly foundations are not needed.

From disc to can



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