

FORMING THE FUTURE

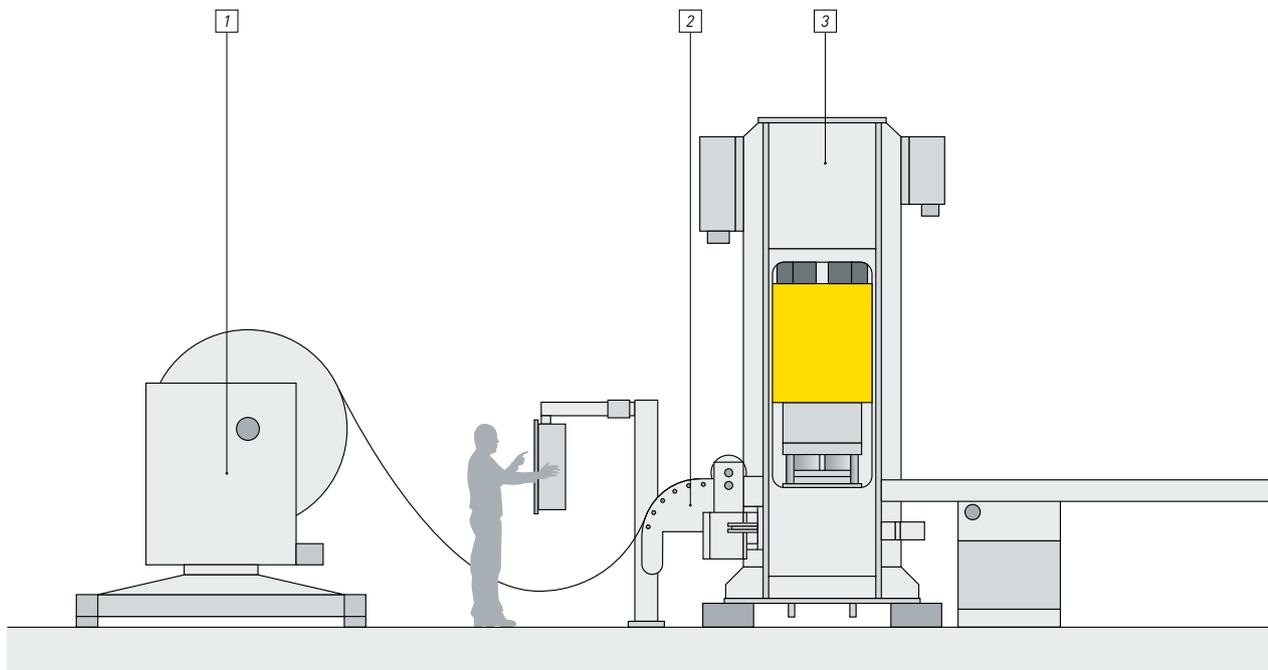


MASS PRODUCTION OF CYLINDRICAL BATTERY CELL CASES

SCHULER 

Member of the ANDRITZ GROUP

MASS PRODUCTION OF CYLINDRICAL BATTERY CELL CASES.



DIGITAL SUITE – DIGITALIZATION IN THE PRESS SHOP

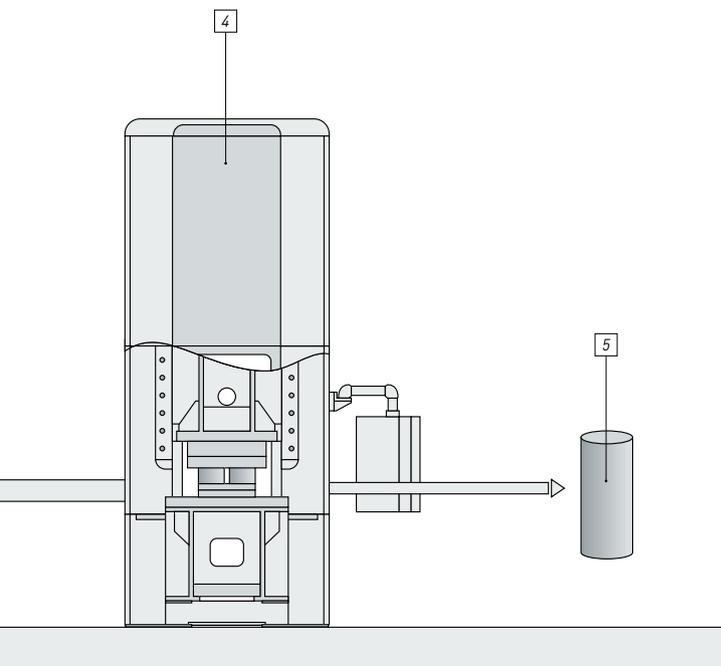
With its Digital Suite, Schuler offers you new opportunities to boost the productivity of your press shop. From the networking of your systems and die protection to component tracking and production monitoring.

Embark on the path to digitalization with Schuler. Reliable, uncomplicated, and customized to your individual needs.

digital@schulergroup.com



<https://digitalsuite.schulergroup.com/en/>

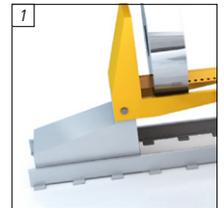


Schuler's innovative high speed solution

- Aluminum cases as well as special steel grades
- Minimum weight of cases
- Perfect wall thickness ± 5 micron
- Highest manufacturing speeds, tailorable to your requirements
- Scalable manufacturing capacity, thus also scalable investment
- Machines from the market leader in metal forming
- German engineering
- One-stop shopping and turn-key supply
- Proven transfer operation with multiple deep draw

1 Uncoiler

- Full width material \rightarrow maximum material efficiency
- Standard coils \rightarrow material availability and minimum material cost
- Least possible scrap volume, best material utilization



2 Coil Infeed

- Integrated lubrication \rightarrow stable production
- Longitudinal infeed, avoiding transversal movement \rightarrow cutting precision



3 CupFormer

- Double action press \rightarrow blanking and cup forming by deep draw in one machine
- Standard tooling \rightarrow Tool availability
- Small and compact machine \rightarrow no foundation
- Highspeed press with highest output rate



4 Transfer Press

- Multiple station deep draw \rightarrow flexible in height
- Standard operation \rightarrow proven process technology
- In-die trimming of the case



5 Finished Case

6 Line Control and Data Monitoring

- Central control of complete line
- Balancing of machine speed for smooth line operation
- Calculation of KPI's of line
- Support of maintenance

7 End of Line

- Palletizing, visual inspection or anything else – End of Line is completely tailorable to your requirements

ABOUT THE SCHULER GROUP – WWW.SCHULERGROUP.COM

Schuler offers customized cutting-edge technology in all areas of forming – from the networked press to press shop planning. In addition to presses, our products include automation, dies, process know-how and service for the entire metalworking industry. Schuler's Digital Suite brings together solutions for networking forming technology and is continuously being developed to further improve line productivity and availability. Our customers include automotive manufacturers and suppliers, as well as companies in the forging, household appliance and electrical industries. Presses from the Schuler Group mint coins for more than 180 countries. Founded in 1839 at our headquarters in Göppingen, Germany, Schuler has approx. 5,000 employees at production sites in Europe, China and the Americas, as well as service companies in more than 40 countries. The company is part of the international technology group ANDRITZ.

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