



1,5 MN EXTRUSION PLANT

Extrusion trials and feasibility studies concerning new light metal alloys

OUR SERVICES

- customized profiles
- alloy development and process improvement
- fabrication of welding wires

TECHNICAL DATA

- **Producer:** Müller Engineering GmbH & Co. KG
- **Extrusion process:**
direct and indirect method
pressing force of main plunger: 1,5 MN
punch speed rate: 0,10 - 12,00 mm/sec
- **Recipient:**
diameter: \varnothing 20, 35, 50 and 60 mm
temperature range: up to 500 °C
billet length: 70 mm - 180 mm, depending on recipient design





As a subsidiary of AIT **LKR Leichtmetallkompetenzzentrum Ranshofen GmbH** is pursuing a holistic research and development approach to lightweight construction in the vehicle sector - from new metal alloys and process technology to material-related structural design.



This makes LKR a powerful and independent partner for your development projects.

AIT AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH

Center for Low-Emission Transport

LKR Leichtmetallkompetenzzentrum Ranshofen GmbH

Lamprechtshausenerstraße 61

5282 Ranshofen-Braunau

Dr. mont. Carina Schlögl

Tel +43 50550-6941

carina.schloegl@ait.ac.at

Helmut Kilian

Tel +43 50550-6911

helmut.kilian@ait.ac.at

www.ait.ac.at/en/lkr