

overview

Extruders

...new
supplement
2022

ALUMINIUM
KURIER
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Form of supplement

In the annual supplement „Extruders“ of ALUMINIUM KURIER we are informing the market about extruders. Besides a large editorial part the table overview forms the center of this special issue. The publication of the extruder's data in the overview is free of charge. Company details are stored for editorial processing and are stored and processed within the scope of an editorial publication.

In order to publish your data please send us the completed form until Friday, 8. Oktober 2021. There is no legal claim to a publication. All questions refer to the company mentioned at “company address” including all subsidiaries. For company groups and sister companies you need to fill in separate forms.

Please participate also this year at the market overview. Only if your company is represented as well the readers can get a broad picture of the extrusion industry.

If you are not the right contact please forward this form to the responsible department. Thank you.

A) Company address

Company address:

Road:

ZIP code –town:

Country

Phone – fax:

E-Mail – website:

Please use our
Data from the
last extruders
overview

We have completed
the additional
query „E“.

Contact for further enquiries about data on this form:

First name

second name

telephone

e-mail

Address of subsidiary, whose data are included in this form (if necessary please use a second sheet):

Company address:

Road:

ZIP code –town:

Country:

Phone – fax:

E-Mail – website:

B) Production and capacity

1: How many extrusion presses are operating in your company?

(Please mention only a number, e. g. "6" or "11"; for 2021 an estimation will suffice)

in 2020

in 2021

in 2022

2: Number of extrusion presses by pressing force in tons (MN):

(Please mention only the number of presses currently operating)

Pressing force (MN)	in 2020	in 2021
5,99 – 9,9	_____	_____
10 – 15,9	_____	_____
16 – 19,9	_____	_____
20 – 29,9	_____	_____
30 – 49,9	_____	_____
more than 50	_____	_____

3: How high do you estimate the degree of capacity utilization of all presses currently operating?

(in percent) _____%

4: How high is the theoretical capacity utilization of all presses currently operating? (Please specify in tons based on operating in three shifts with 8 hours each on 240 working days per year)

_____ tons

5: How high is the actual production output?

(Please fill in the quantity in tons, e.g. 487.000; for 2021 an estimation will suffice)

_____ tons _____ tons _____ tons
in 2020 in 2021 in 2022

C) Technics and equipment

1: In which year the youngest press started operating? In _____

2: In which year was the last press comprehensively modernized? In _____

3: age of the presses

Age	quantity	modernization
Up to 5 years	_____	_____
5 to 10 years	_____	_____
10 to 20 years	_____	_____
20 to 30 years	_____	_____
Older than 30 years	_____	_____

4: Which companies have manufactured the presses?

(Please mention the manufacturers; random order without evaluation)

5: Which maximum profile dimensions can be produced?

(In millimeters please, e. g. 270 x 375 mm)

_____ x _____ mm

6: Which maximum profile length can be extruded dependent on the run out table?

_____ m

7: Diameter of container:

(In millimeters)

_____ smallest and _____ largest diameter

8: Are there so-called "specialities" pressed in your factories?

(Please list foci of production like isolated profiles, profile systems, etc.)

Micro-Tubing Wires Chrome plating/surface finishing Special alloys

D) Markets and customers

1: For which markets are you producing mainly?

(Please enter numbers in percent in relation to the actual output in tons in 2020)

- _____ % Automotive supply industry
- _____ % Automobile manufacturers directly
- _____ % Aviation and aerospace sector
- _____ % Electrical and electronics industry
- _____ % Tooling and machine engineering
- _____ % Building profiles (incl. façade building and sun protection)
- _____ % Furniture and fitting technology
- _____ % Component assembly, e. g. heat exchangers
- _____ % Ship and yacht building
- _____ % _____
- _____ % _____
- _____ % _____

(Please mark with + = growing or - = declining)

- ___ Automotive supply industry
- ___ Automobile manufacturers directly
- ___ Aviation and aerospace sector
- ___ Electrical and electronics industry
- ___ Tooling and machine engineering
- ___ Building profiles (incl. façade building and sun protection)
- ___ Furniture and fitting technology
- ___ Component assembly, e. g. heat exchangers
- ___ Ship and yacht building
- ___ _____

3: Which markets – from your point of view – offer the biggest potential for sales and quantities for the whole extrusion industry? (Please mark with + = growing)

	Sales	Quantity
Automotive supply industry	___	___
Automobile manufacturers directly	___	___
Aviation and aerospace sector	___	___
Electrical and electronics industry	___	___
Tooling and machine engineering	___	___
Building profiles (incl. façade building and sun protection)	___	___
Furniture and fitting technology	___	___
Component assembly, e. g. heat exchangers	___	___
Ship and yacht building	___	___
___	___	___

4: How do you find out about innovations in the supplier industry?

- Trade journals Digital media Social media Individual research
 networks seminars other _____

Are you interested in further information about the supplement "STRANGPRESSTECHNIK" (Extrusion Techniques)?
Would you like to publish a company portrait or show your customers how efficiently your extrusion line works?
Then contact Ellen Buntenbruch at our advertising department
and ask for an offer by mail: ellen.buntenbruch@pse-redaktion.de

**You have just invested,
expanded or replaced machines?**

If you want to send us a press release or to report
about interesting projects for your customers please
send us your informations in german language.
Contact our editor-in-chief, Stefan Elgäß, at tel. +49
(0)8171/9118-88 or elgass@pse-redaktion.de.

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E) Process technology

4: Do you use nitrogen in extrusion production?

yes no

for inerting gaseous liquid

for cooling _____

5: How important is the consumption measurement of nitrogen for the process for you?

indispensable very interesting interesting unimportant

6: Would flow measurement be interesting for you? yes no

7: Are smooth surfaces inside or outside important for you? yes no

8: Can you calculate or measure the total energy consumption? yes no

9: Do you know the energy saving potential when using nitrogen? yes no

10: Is the number of blocks you press an important factor for you? yes no

11: How high do you estimate the average increase in productivity in mold cooling? _____ percent

12: How much residual oxygen do you tolerate during inerting? _____ percent

13: How do you optimize your control techniques for isothermal pressing?

cooling speed both different: _____

14: What are the main goals of optimization?

increased productivity improved mechanical structure

improved surface other: _____ there is no optimization potential

Digitization

15: Are the processes fully digitalized? yes no

16: Do you use a modern, cross-departmental production management system or manufacturing execution system (MES) that integrates an existing quality management, data management and ERP system? yes no

17: How do you select the most suitable press or die (cavities) for new jobs?
trials | experience | simulation | other: _____

18: Do you plan to invest in the following areas in the next 20 months?

MES Productivity increase Quality improvement Ecology Data management

19: Where do you see the biggest bottleneck in production?

Billet furnaces Aging furnaces Pressing speed Tool management

Production planning Further processing _____