

**Your full range supplier**

from formulation to final product

premium | mid | economy

**in profile extrusion**

## Our offer for your extrusion

profile design  
engineering  
formulation development  
material conveying systems  
mixers  
extrusion lines  
extruders  
co-extruders  
tooling dies  
tuning  
calibration tables  
haul-offs  
cutters  
saws  
printing embossing laminating  
laboratory equipment  
quality measurement systems  
material saving solutions  
energy saving systems  
extrusion process optimization  
training  
after-sales services  
spare parts  
retrofitting  
R&D center  
general contracting  
turn-key projects

premium | mid | economy

## Your profiles

surface quality  
tolerance range  
material saving  
energy saving  
speed  
net operation time  
cost/meter

## GREINER. SOLUTIONS INSIDE EVERY EXTRUSION

premium | mid | economy

### Greiner Extrusion Group.

We are a worldwide team of highly skilled experts with outstanding personal service and leading technologies for your extrusion. As a full-range supplier we offer customized solutions for the entire performance range in extrusion.

#### 10 production & service sites

globally close to you – Europe, America, Asia.

#### 6 tuning & testing centers

Austria, France, USA, China.

#### 15 extrusion lines

##### permanently available

tuning of your tooling, training

for your operators.

various twin-screw and

single-screw extruders.

extruders for physical foaming.

#### our capacities for your orders

precision machining capacity – tooling:

> 2,400 units p.a.

manufacturing capacity – equipment:

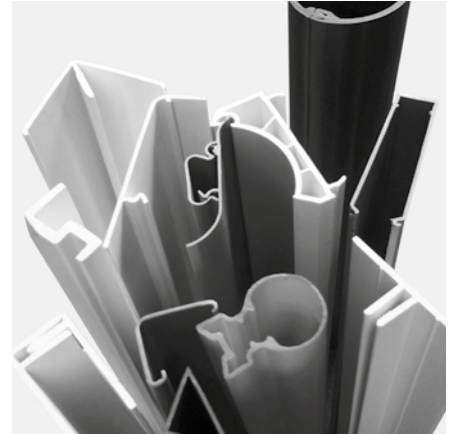
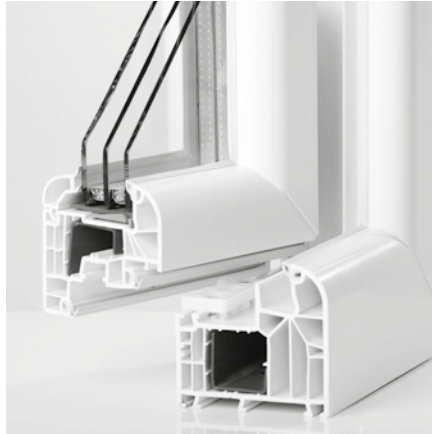
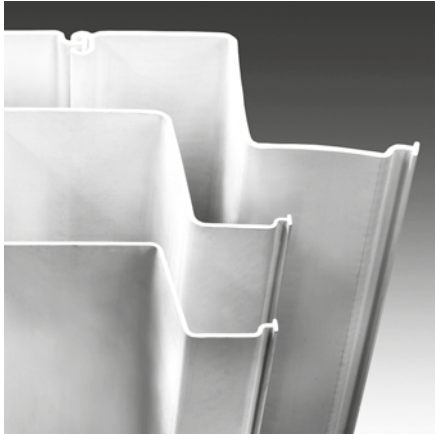
> 240 machines p.a.

## **Making a difference is crucial to success in extrusion.**

Better profile surface finish. Higher precision geometry. Less material consumption. Less energy consumption. Improved process stability. Greater reliability. Increased plant availability. Extended net production time. Professional solutions and excellence in service – provided by extrusion experts.

**Improved profile quality. Lowered cost. Greater advantage  
in extrusion. Sustainably.**

**Customized solutions for the entire performance-range.  
premium | mid | economy.**



### **Building & Construction**

airing profiles  
facades  
isolation profiles  
electrical profiles  
cable ducts & conduits  
decking  
rain gutters  
garage doors  
fences  
marinas  
seawall panels  
XXL profiles  
WPC profiles  
foamed profiles  
special applications

### **Windows & Doors**

window profiles  
windows made of  
recycled plastics  
window sills  
door profiles  
WPC doors  
lift-slide doors  
bathroom doors  
shutters  
sealings  
spacers  
special applications

### **Technical Profiles**

skirting boards  
cover profiles  
edgebands  
connection profiles  
spacers  
decorative profiles  
cable ducts & conduits  
power rail profiles  
electrical profiles  
lightings  
safety barriers  
glass-fibre reinforcements  
special applications

## Turn-key solutions for your profile extrusion.

benefit from our experience  
gained from more than 4,200 extrusion lines delivered.



### RED.LINE & RED.TOOLING

superior profile quality.  
minimized material use.  
lowest energy consumption.  
fastest line speed.  
highest process stability.  
lowest total cost of ownership.



### TEC.LINE & TEC.TOOLING

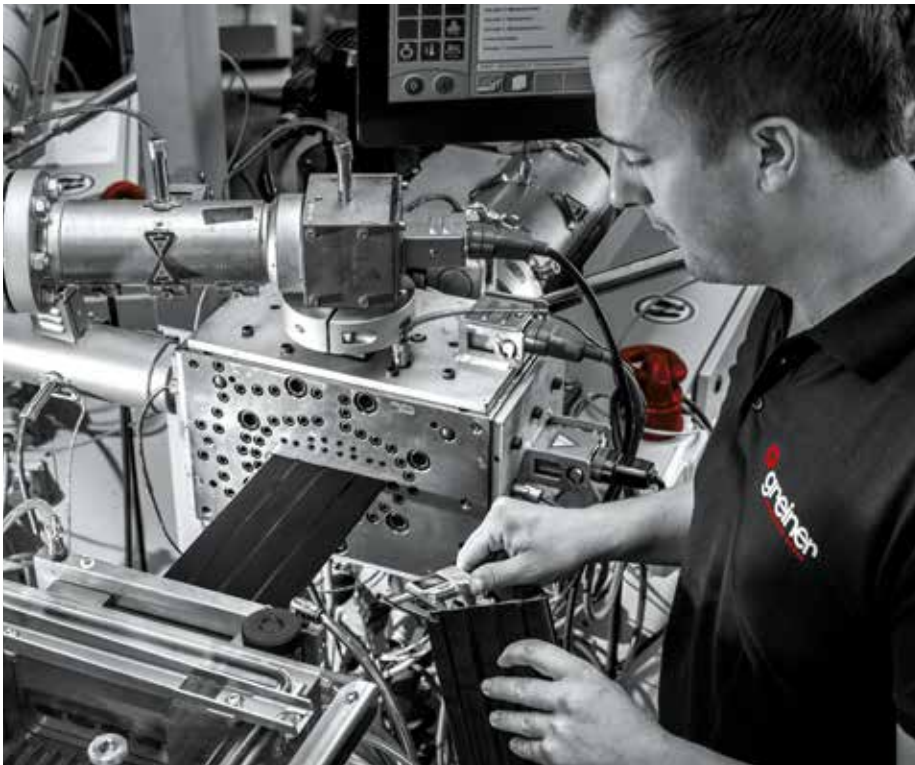
productivity to the point.  
keeping you ahead in technical profile extrusion.

## Ahead in technology & innovation.

adding value to your extrusion.  
providing higher efficiency.

### multi-layer co-extrusion.

competence in materials: PVC, PP, PE, ABS, PC, PMMA,  
wood plastic composites (WPC), glass-fibre compounds and beyond.



### FLOW.CONTROL

profile weight close to the ideal.  
lowest material consumption.  
highest geometry precision.  
shortest start-up time.



### RED.PCE plus

ahead in post co-extrusion.  
best adhesion of your gaskets.  
less energy required.  
shorter change-over times.



### R&D Center

FEM flow simulations  
intelligent design software  
material research  
laboratory equipment  
surface measuring systems  
tailor-made solutions

### Efficiency +

profile weight optimization  
energy saving systems  
process automation  
machine upgrades  
tooling upgrades

### Engineering & Consulting

plant performance  
formulation development  
product development  
profile quality improvement  
reduction of extrusion cost

### General Contracting

turn-key projects  
industrial engineering  
plant engineering  
project management  
installation & start-up  
training

### Services & Spare Parts

process improvements  
preventive maintenance  
service packages  
retrofitting  
refurbishing  
wear and tear parts



**Delivered value to us:  
Scrap rate – 67% reduction.  
Line speed – 2x.  
Tool life – already at 2x.**

quoted by a leading profile extrusion firm, 2016.

Greiner > 4,200 extrusion lines installed.  
> 25,000 tooling commissioned.

**more references.  
richer experience.  
better solutions.**

Greiner\_ ahead in technology and innovation.  
Since 1977.

**providing higher efficiency.  
adding value  
to your extrusion.**

Greiner tool-design experts\_ ahead in experience.

**deeper knowledge.  
faster tuning.  
shorter time to market.**

Greiner tuning experts\_ ahead in performance.

**making the difference.  
for your profile quality  
and line speed.**



Greiner\_ global production & service sites.

**Austria. Czech Republic.  
France. Poland.  
USA. China.**

Greiner technicians\_ speaking your language.

**10 languages.  
direct communication.  
better results.**

## **EUROPE.**

### **Greiner Extrusion Group GmbH**

Friedrich-Schiedel-Strasse 1  
AUSTRIA, 4542 Nussbach  
T +43 50541-0  
F +43 7587 7418  
office.at@greinerextrusion.com

### **Greiner Extrusion GmbH**

Friedrich-Schiedel-Strasse 1  
AUSTRIA, 4542 Nussbach  
T +43 50541-0  
F +43 50541-41631  
office.at@greinerextrusion.com

### **GPN GmbH**

Greinerstrasse 18  
AUSTRIA, 4542 Nussbach  
T +43 50541-450  
F +43 50541-45904  
office@gpn.aat

### **GPN strojírna s.r.o.**

Husova 1056  
CZECH REPUBLIC, 37401 Trhove Sviny  
T +43 50541-450  
F +43 50541-45904  
office@gpn.at

### **Greiner Extrusion S.A.S.**

206, Chemin des Artisans  
FRANCE, 74 550 Perrignier  
T +33 45072 4791  
F +33 45072 4912  
office@greinerextrusion.fr

### **Greiner Extrusion Sp. z o.o.**

Al. XX-Lecia 54  
POLAND, 96515 Teresin  
T +48 5013 433 86  
office.pl@greinerextrusion.com

## **AMERICA.**

### **Greiner Extrusion US, Inc.**

1101 Morgan Village Road  
USA, PA 16335 Meadville  
T +1 814 333 2060  
F +1 814 333 8142  
office@greinerus.com

### **Greiner Extrusion, Inc.**

6231 McKinley Street NW  
USA, MN 55303 Ramsey  
T +1 763 576 6946  
F +1 763 576 6947  
office@greinerextrusion.us

## **ASIA.**

### **Greiner Extrusion Technology (Shanghai) Co., Ltd.**

4365 Yindu Road, Xinzhuang Industry Park  
P. R. CHINA, 201108 Shanghai  
T +86 21 5442 5766-0  
F +86 21 5442 5216  
office.cn@greinerextrusion.com