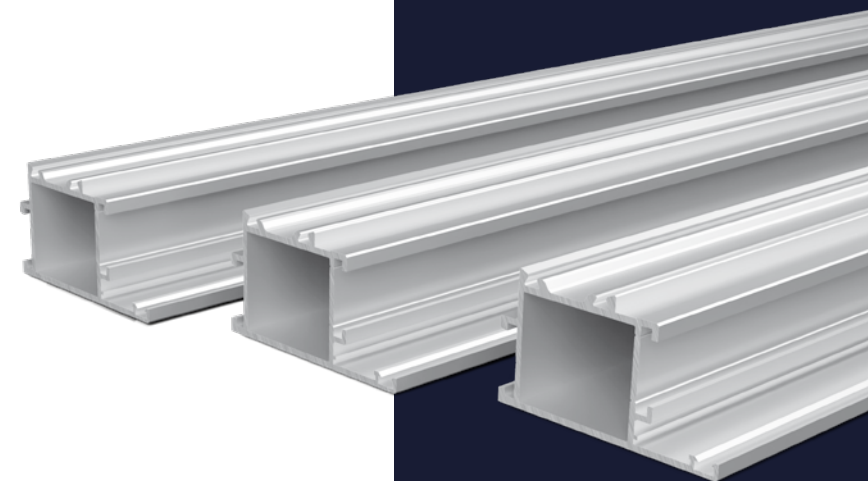


 GRUPA KĘTY
EXTRUDED PRODUCTS SEGMENT



STRUCTURE OF THE CAPITAL GROUP

STRUCTURE OF THE CAPITAL GROUP OF GRUPA KĘTY SA

Extruded Products Segment



Aluminium Systems Segment



Flexible Packaging Segment



Sun Protection Systems Segment



Architectural Systems Segment



PROFESSIONALS IN ALUMINIUM



125 000
tons/year
production
capacity



over
70 years
of experience



over
2120
employees



over
467 m. €
sales
revenue

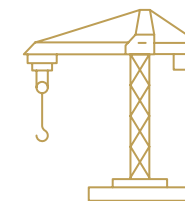


40%
share of export
in sales





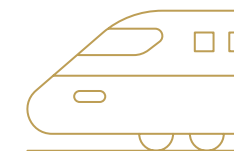
INDUSTRIES RELATED TO OUR BUSINESS



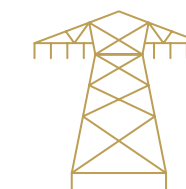
building
and construction



automotive
and transport



railway



electrotechnics



defence



household
equipment



advertising



tourism

OUR OFFICES AND PLANTS

POLAND



KĘTY

Headquarters and production plant:

extrusion
foundry
tools shop
anodizing
aluminium components production
Research & Development Centre

TYCHY

Production plant:

Aluform sp. z o. o.
extrusion

EUROPE



Sales offices:

Germany, Dortmund

Aluminium Kety Deutschland GmbH

Italy, Milan

Grupa Kety Italia s.r.l.

Czech Republic, Ostrava

Aluminium Kety CSE s.r.o.

France, Rennes

Aluprof France



Production plants:

Ukraine, Borodianka

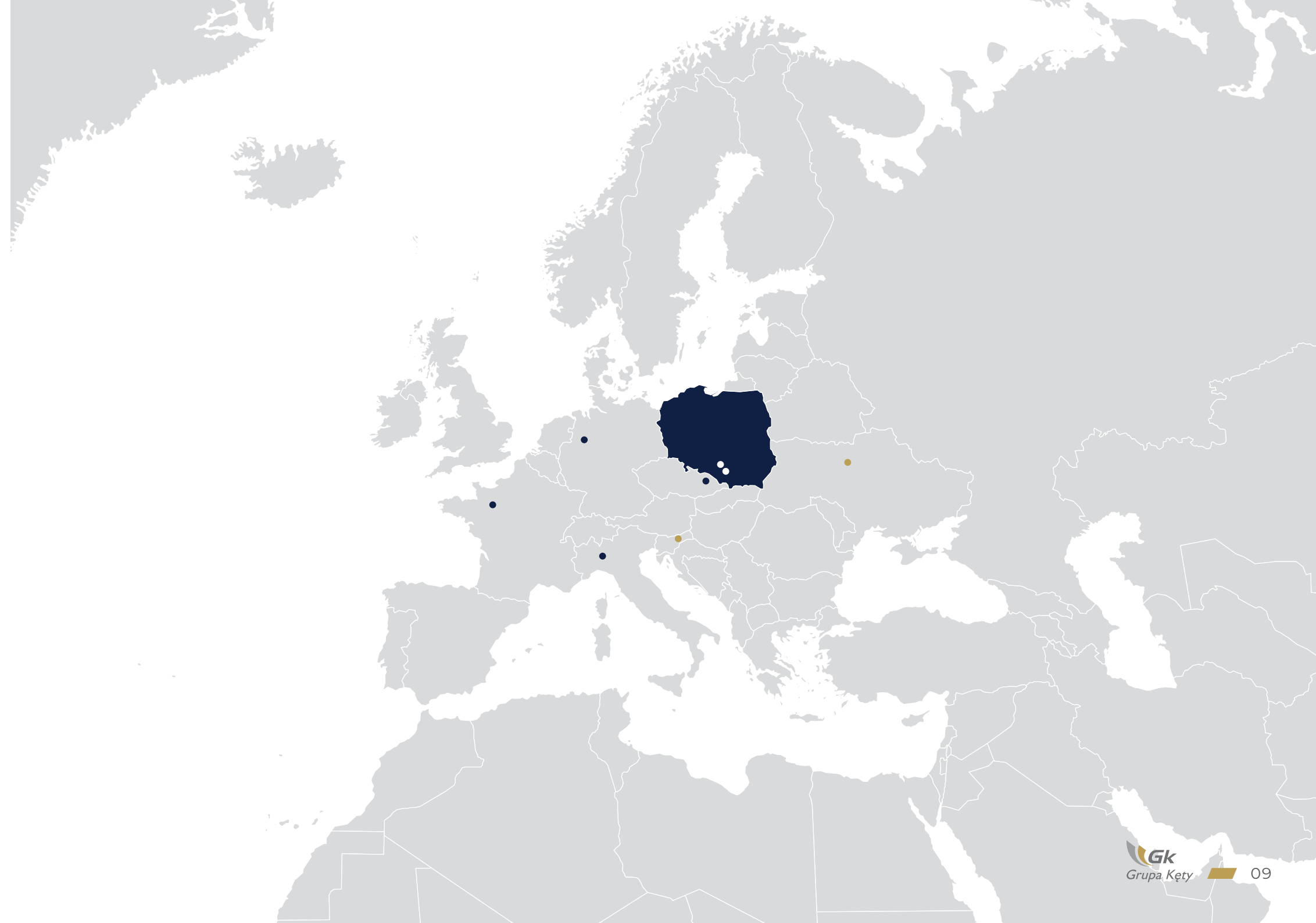
Alupol LLC

extrusion

Slovenia, Slovenska Bistrica

Aluminium Kety EMMI d o. o.

aluminium components production
anodizing





ALUMINIUM MATERIAL OF THE FUTURE

light, refined and consistently exceptional in its reuse.

Every profile can circulate endlessly within the production loop, retaining its full quality and value. It is a material that sets the standard for responsible modernity: supporting the circular economy, reducing environmental impact and becoming **a conscious choice for brands building the future.**



LET'S BUILD A BETTER FUTURE

TECHNOLOGIES. **ALUMINIUM PROFILE EXTRUSION**

15

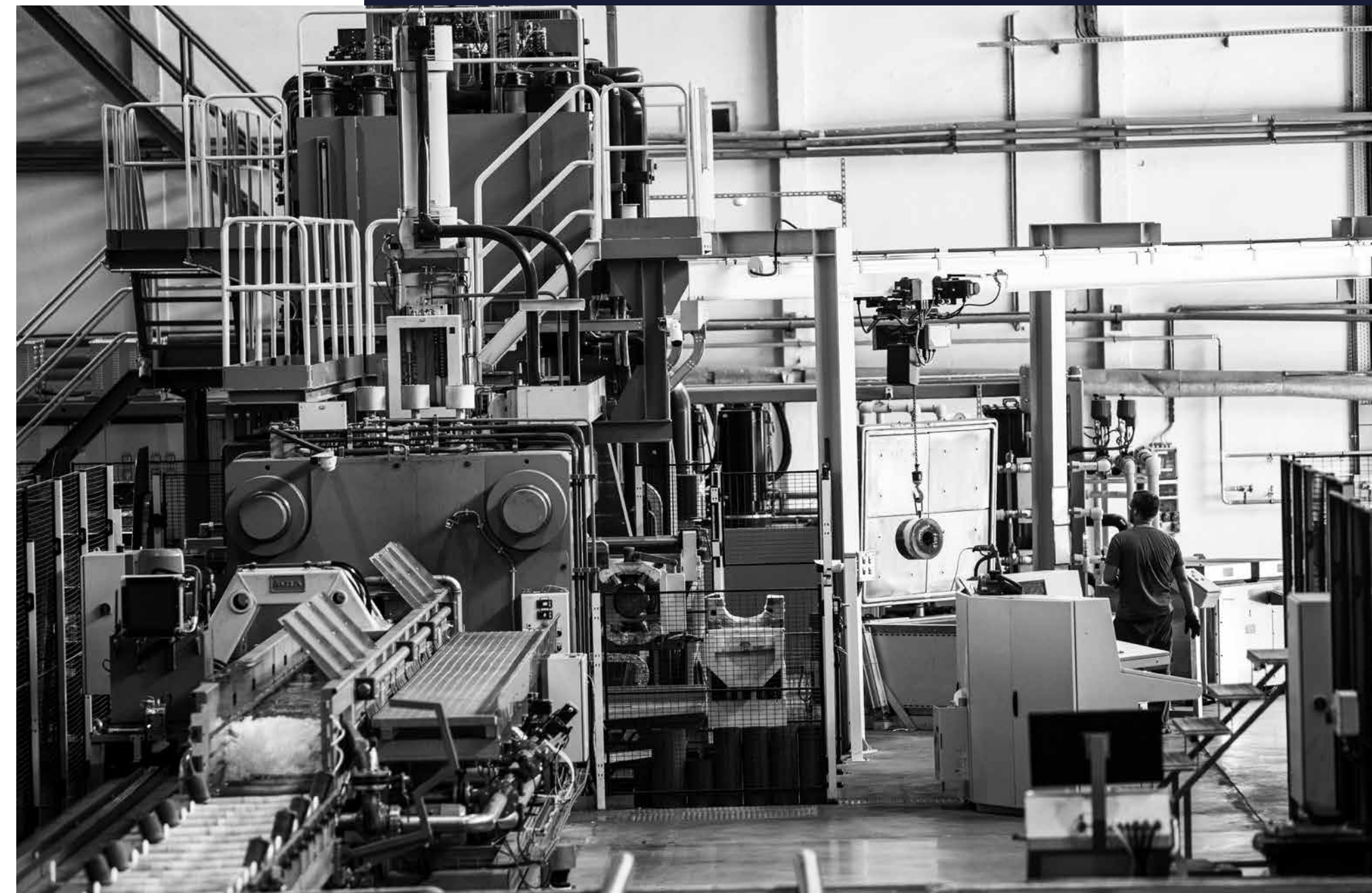
PRESSES
ranging
from 12 MN
to 44 MN

10

PRESSES
for soft
alloys

5

PRESSES
for hard
alloys





TECHNOLOGIES.

EXTRUSION – SOFT ALLOYS

Press size	14 MN/6"	14 MN/6"	16 MN/7" water–air supersaturation	18 MN/7" ALUPOL LLC	18 MN/7"
Extruded alloys	6060, 6063	6060, 6063	1xxx, 3xxx, 6060, 6063, 6106, 6005A, 6082, 6061, special alloys	6060, 6063, 6005A, 6082	6060, 6063
Min.–Max. CCD of product	8-140	8-140	10-150	10-180	10-160
Min.–Max. weight kg/m	0.6-1.2	0.9-1.3	1.0-2.0	0.12-3.5	1.2-2.0
Min.–Max. cutting length on press mm	2000-7200	2500-8000	2000-7150	2500-8000	2000-8000



TECHNOLOGIES.

EXTRUSION – SOFT ALLOYS

new presses

Press size	20 MN/7"	28 MN/8" water–air supersaturation	35 MN/9" water–air supersaturation	40 MN/10" water–air supersaturation	44 MN/12" water–air supersaturation
Extruded alloys	6060, 6063, 1xxx, 6xxx, special alloys	1xxx, 6060, 6063, 6005A, 6082, 6061, special alloys	1xxx, 6060, 6063, 6005A, 6082, 6061, special alloys	6060, 6063, 6082, 6005, 3xxx, 1xxx, 6xxx, special alloys	1xxx, 3xxx, 6060, 6063, 6106, 6005A, 6082, 6061, 6xxx, special alloys
Min.–Max. CCD of product	10-160	15-200	20-260	25-300	25-300, rectangular 60×450
Min.–Max. weight kg/m	1.2-3.0	1.4-3.0	2.0-4.0	3.5-16	4.0-24
Min.–Max. cutting length on press mm	2000-8000	2500-8000	3000-15000	2000-8000	3000-14000

TECHNOLOGIES.

EXTRUSION – HARD ALLOYS

Press size	12 MN/6" piercing press	25 MN/9" & 10" supersaturation, water wave	25 MN/9" piercing press	28 MN/10" indirect press, supersaturation, water wave	36 MN/12" indirect press, supersaturation, water wave
Extruded alloys	1xxx, 2xxx, 3xxx, 4xxx, 5xxx, 6xxx, 7xxx, special alloys	1xxx, 2xxx, 3xxx, 4xxx, 5xxx, 6xxx, 7xxx, special alloys	1xxx, 2xxx, 3xxx, 4xxx, 5xxx, 6xxx, 7xxx, special alloys	2xxx, 4xxx, 5xxx, 6xxx, 7xxx, special alloys	2xxx, 4xxx, 5xxx, 6xxx, 7xxx, special alloys
Min.–Max. CCD of product	20-50	12-180	8-170	10-135	50-200
Products	seamless tubes	profiles, bars, seam tubes	50-100 seamless tubes, 8,0-40 bars	solid bars and profiles	solid bars and profiles
Min.–Max. weight kg/m	0.3-1.5	1.2-13.5	1.5-6.7	3.0-35.5	5.5-80
Min.–Max. cutting length on press mm	1000-6000 length depends on weight kg/m	1000-7500 length depends on weight kg/m	1000-8000 length depends on weight kg/m	1000-8000 length depends on weight kg/m	1000-8000 length depends on weight kg/m





TECHNOLOGIES. **TOOLING**

25 000

DIES for various profiles

Manufacturing of extrusion
and machining tools



TECHNOLOGIES. **BILLET PRODUCTION**



4

billets casting LINES

50 000

TONS of billets per year

ALLOYS

1xxx, 2xxx, 3xxx, 4xxx, 5xxx, 6xxx, 7xxx



TECHNOLOGIE. **PROFILE PROCESSING**

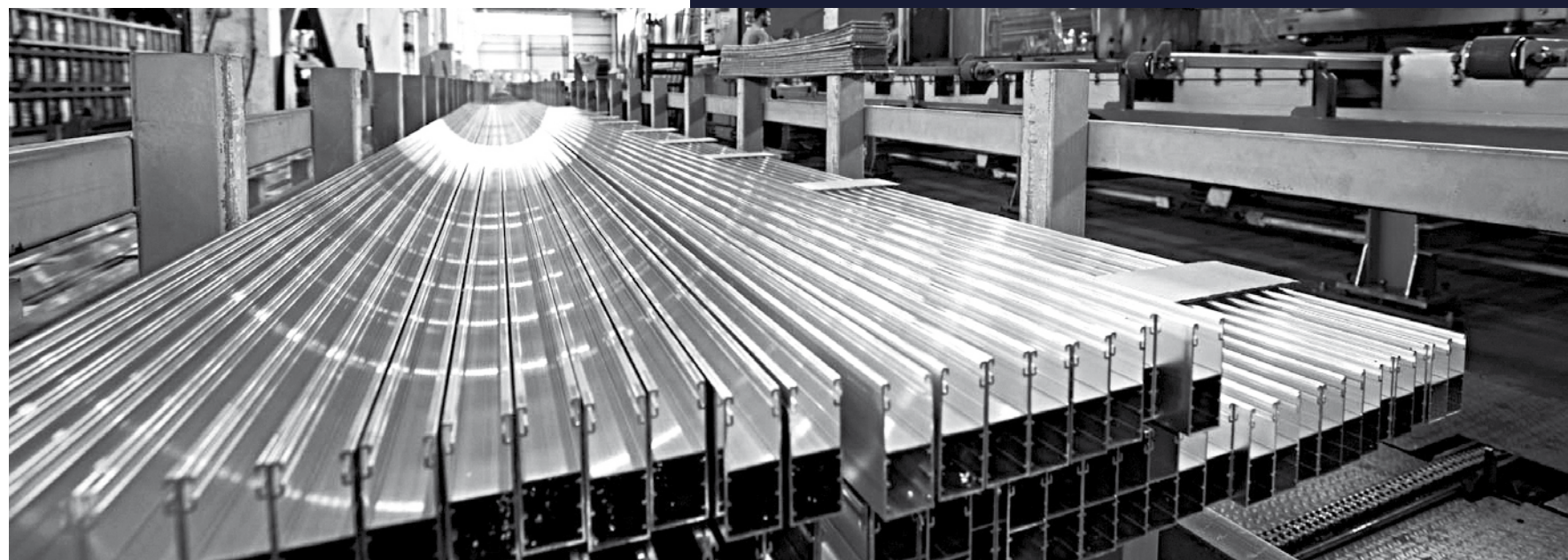
- anodizing
- powder painting
- cutting
- punching
- marking
- deburring
- washing
- bending
- assembly
- welding
- CNC
(drilling, chamfering, tapping)



ADVANCED ALUMINIUM PRODUCTS

- hi-tech equipment
- precision component production
- cooperation with prestigious brands
from automotive and railway industries

20
YEARS on the market



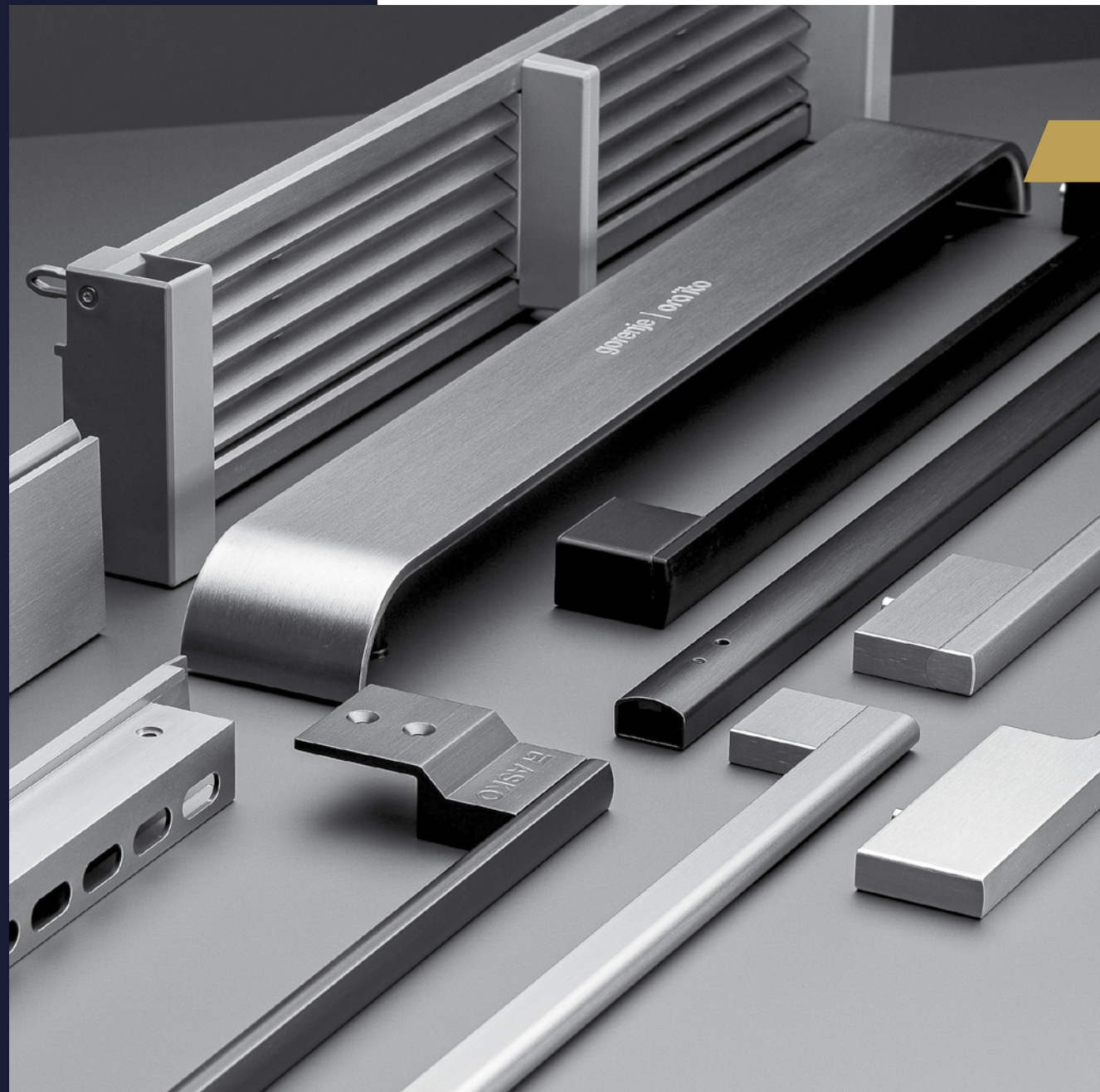
ALUPOL LLC UKRAINE



production plant
in **Borodianka**,
50 km from Kyiv

- modern extrusion plant
- profiles for all industrial sectors,
standard shapes

10
YEARS in Grupa Kęty



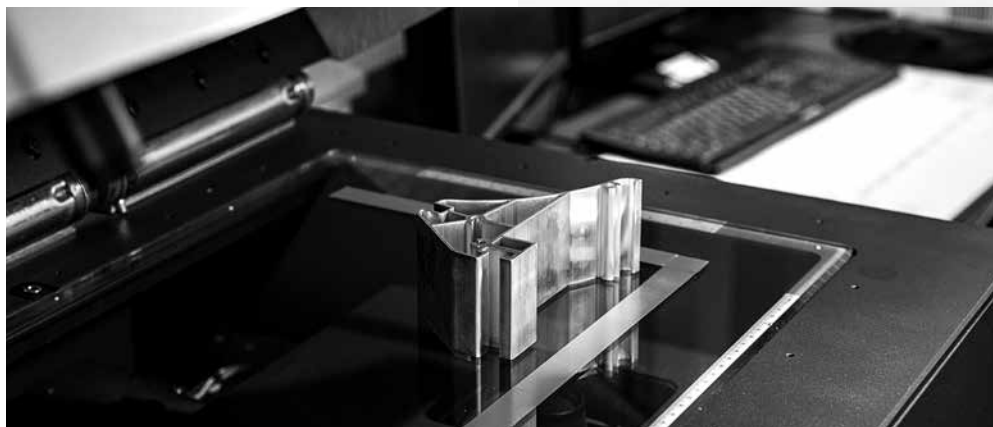
ALUMINIUM KETY EMMI SLOVENIA

- specialised mechanical and surface treatment plant
- components for automotive and household appliance appliances



RESEARCH & DEVELOPMENT CENTRE

- chemical composition analysis
- mechanical property testing
- metallographic examinations
- ultrasonic testing of billets and finished products
- electrical conductivity
- crash tests
- measurements on 3D coordinate machine (CMM)



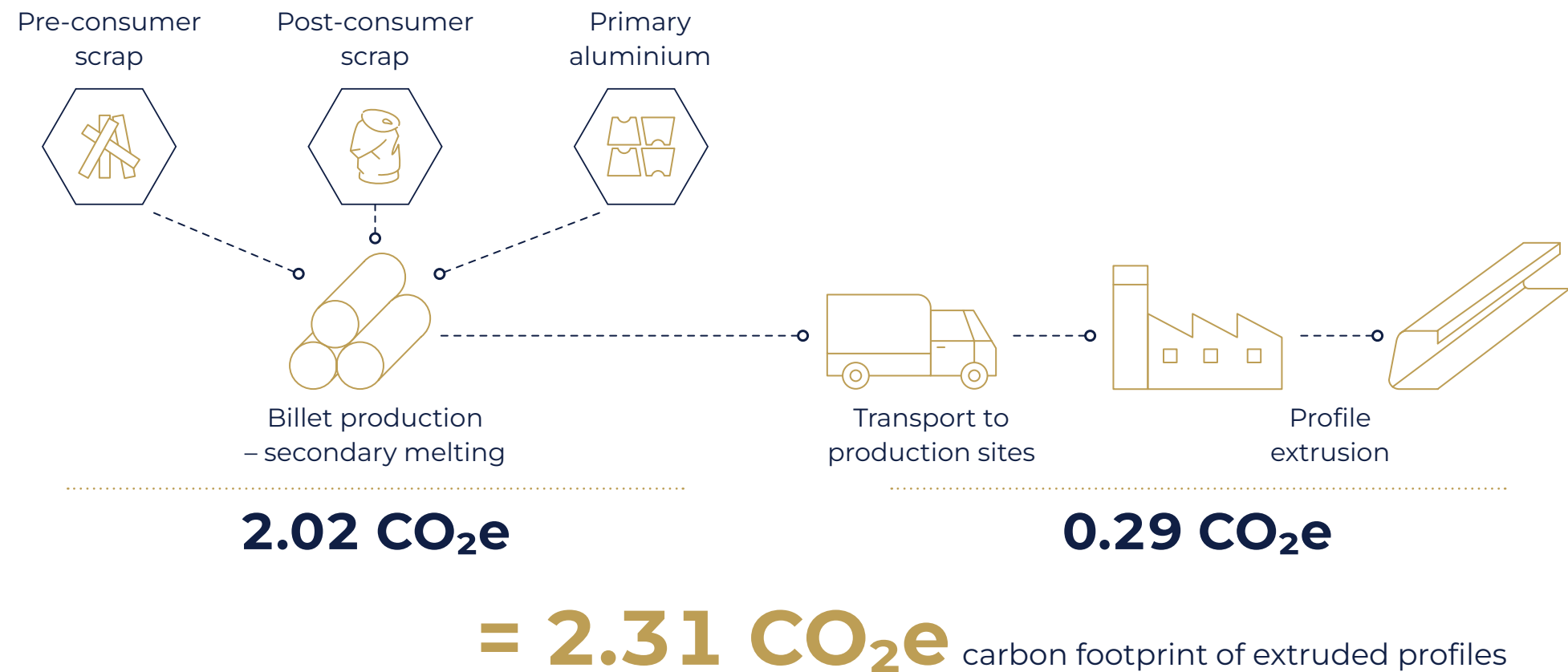
CERTIFICATES

- Quality management ISO 9001
- Environmental management ISO 14001
- Quality management - automotive industry IATF 16949:2016
- Quality management in the anodizing process QUALANOD certificate
- Occupational safety management ISO 45001



LOW-CARBON PROFILES

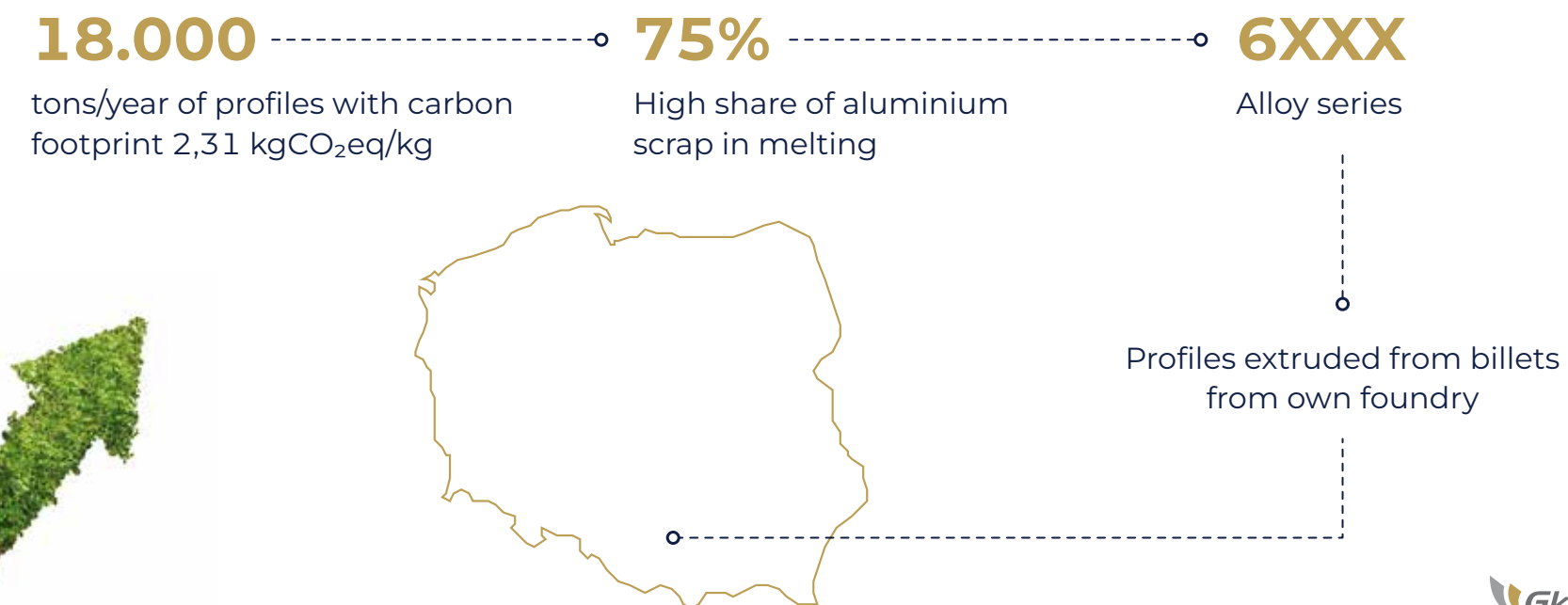
Composition of low-emission profiles



What affects the low carbon footprint of Grupy Kęty S.A. profiles



- Production in the secondary aluminum melting process (95% lower energy consumption compared to the production of aluminium from bauxite).
- Selective collection of individual types of "pre-consumer" scrap (high efficiency of the smelting process).
- Casting on a modern melting and casting line powered by natural gas.
- Modern, energy-efficient lines for extruding profiles from 6xxx alloys.



OUR PROFILES AT THE CENTRE OF THE GREEN TRANSFORMATION

Environmental Product Declaration (EPD)

Type III status of the European declaration "ECO-EPD verified", placed on the website of the Building Research Institute



Grupa Kęty S.A. has obtained an Environmental Product Declaration (EPD) Type III for profiles manufactured with a high content of recycled material, for which

the carbon footprint is  **2.31 kg CO₂eq/kg***

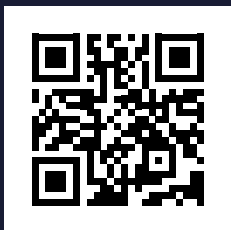
The document has been verified by an external expert and has the status of the European declaration "ECO-EPD verified". The certificate has been placed on the ITB sustainable construction portal, thanks to which the profiles are recognized in the certification systems: BREEAM, LEED and DGNB green buildings. This enables their use in creating sustainable architectural aluminium systems.



DGNB



* Aluminum profiles of the 6xxx series, extruded from billets from our own foundry, with a 75% share of scrap in the remelting. The carbon footprint value was determined based on the results of the product life cycle analysis in accordance with the EN 15804 standard.



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ALUMINIUM KETY EMMI D O.O., 2310 Slovenska Bistrica, Kolodvorska 37a, Slovenia, tel. +386 (0)2 805 05 00

ALUMINIUM KETY DEUTSCHLAND GMBH, Europaplatz 2, 44269 Dortmund, Germany, tel. +49 151 525 538 76

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