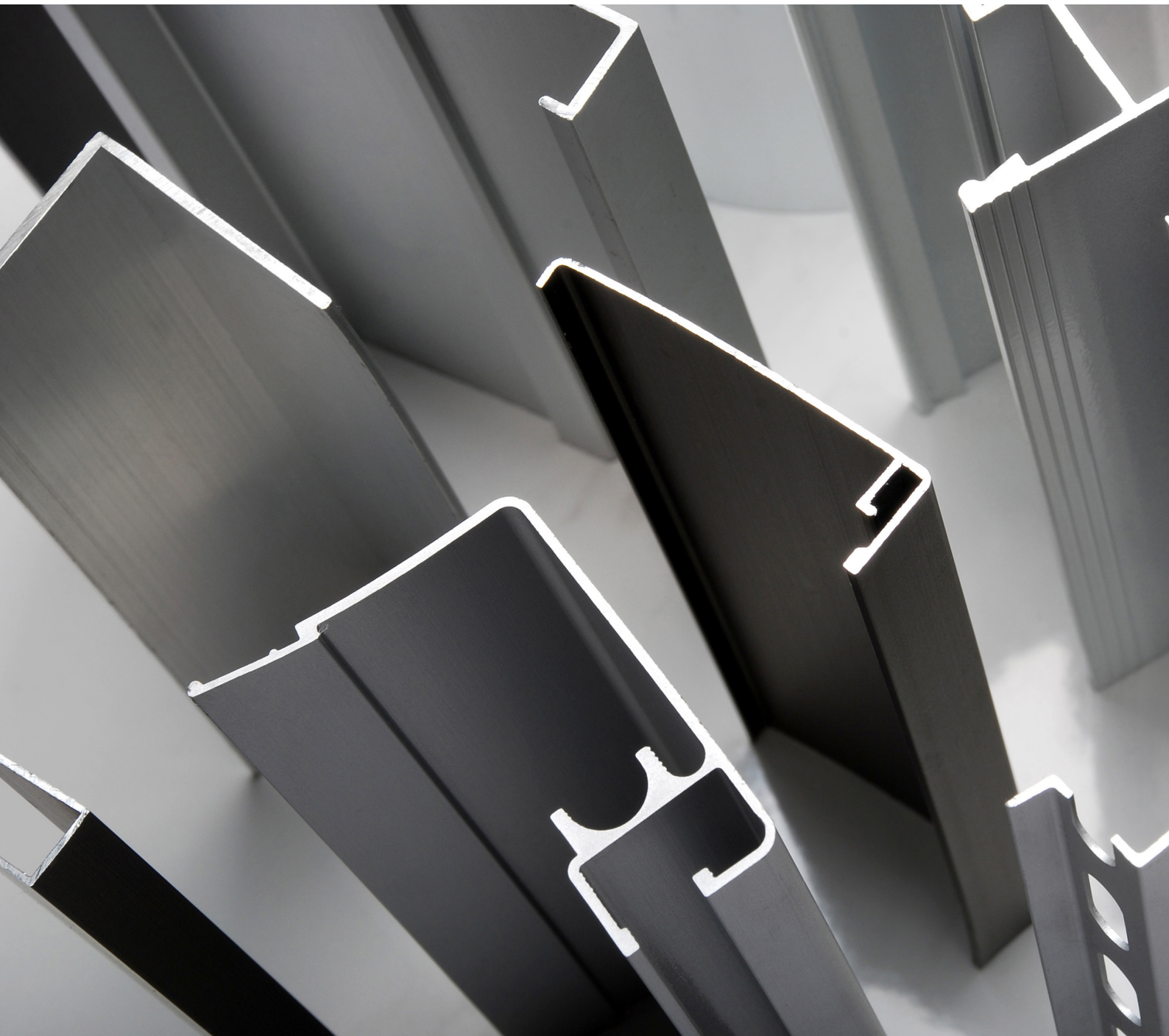




INDUSTRIAL ALUMINIUM SOLUTIONS

EXTRUSION FORCE

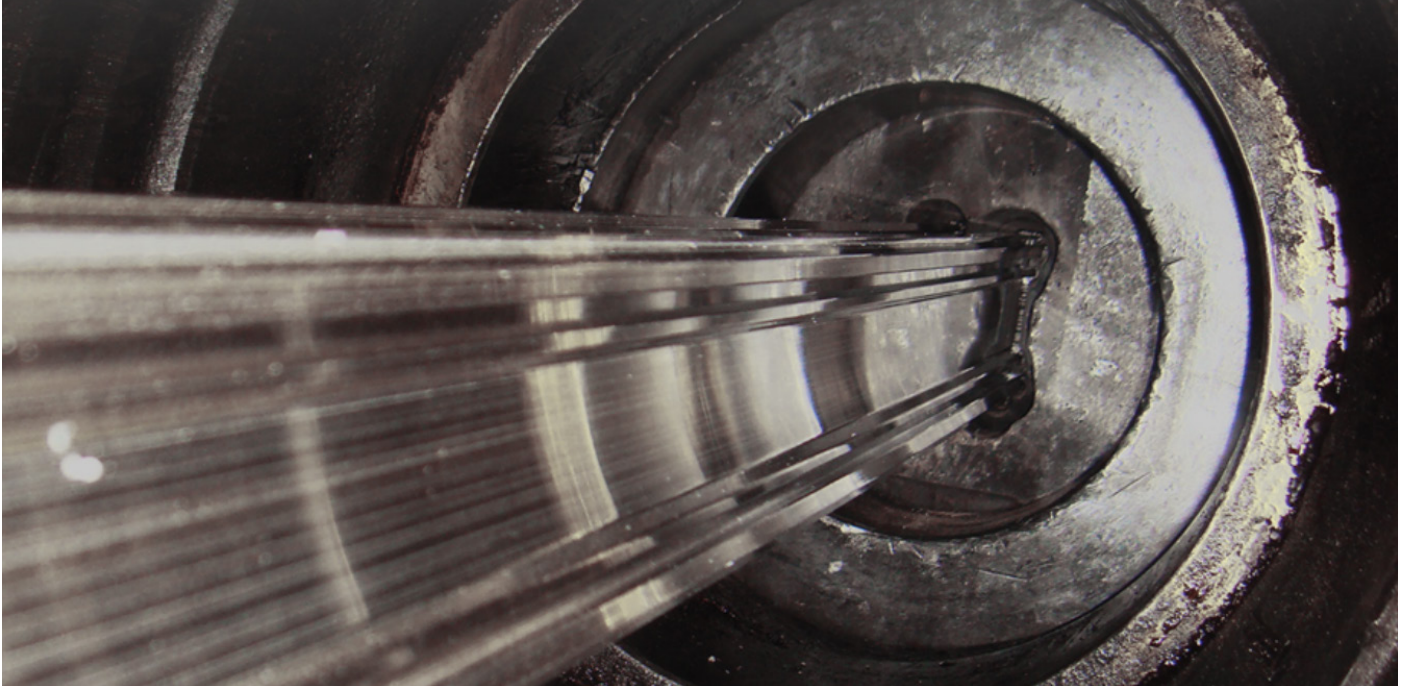
$$P = k A_o \ln(A_o / A_f)^*$$

P = Performation force, unit: N

k = flow stress for material EN AW 6060 or EN AW 6063
for certain billet diameter and piston speed, unit: N/mm²

A_o = billet area, unit: mm²

A_f = profile area, unit: mm²



- Profile Design
- Die design & construction
- Extrusion
- Powder Coating
- Anodizing
- Machining
- Thermal insulation
- Packaging
- Logistics

TECHNICAL SPECIFICATIONS

BILLET DIAMETER	6 ''	140 mm
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WEIGHT RANGE PROFILE / METER	MIN	MAX
	0,050 Kg/m	5,500 Kg/m

MAXIMUM PROFILE DIMENSION	FLAT SECTIONS	HOLLOW SECTIONS
	150 mm	140 mm

CUTTING LENGTH	MIN	MAX
	1,500 m	7,150 m

Experts at small-scale: thin, complex & lightweight profiles from 0,9 mm thickness.

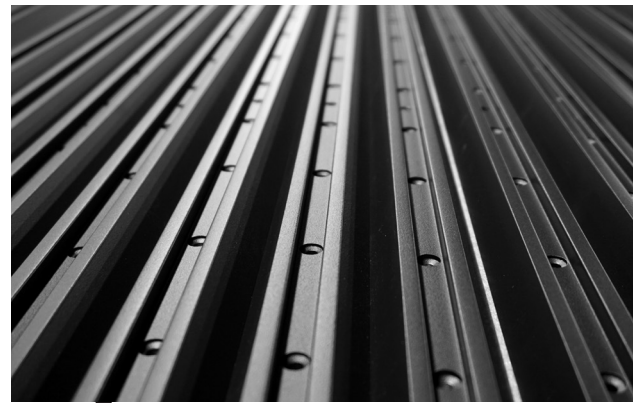
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BLK IS 100% FAMILY-OWNED COMPANY
WITH OVER 30 YEARS OF
KNOWLEDGE AND EXPERIENCE

- **Customer-Oriented**
- **High Quality**
- **Flexibility**
- **Technical Extrusion Advise**
- **Excellent Customer Support**
- **Eco friendly & Sustainable Processes**

SECTORS

- Awning Systems
- Solar Collectors
- PV Mount Systems
- Marine Applications
- Curtain Systems
- Shading Roller Blinds
- Furniture
- Lighting
- Ventilation
- Automotives
- Architectural Profiles
- Standard Profiles



“we extrude your inspiration”



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