



ARCA

WE SUPPORT YOUR INNOVATION



The Group

Arca was founded in 1994 as a company specialized in the production of **complex injection tools for plastic materials**.

The company has **two units**: one for the design and manufacture of the injection molds and one for the tool trials, pre-series and production.

In 2007 in the industrial zone of Wrocław (Poland) our plant **Arcapol** was founded with the target to strengthen our presence on the European market. The main activities of Arcapol are, in addition to the design and the manufacture of moulds, also their modification and maintenance.

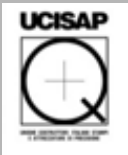
Always aiming for **customer satisfaction** and thanks to our strong propensity towards a continuous technological innovation, we have conquered a **leading role** on the national and international reference markets.



Headquarter
Arca S.r.l.
Pordenone, Italy



Sister company
Arcapol SP. Z.O.O.
Wrocław, Poland

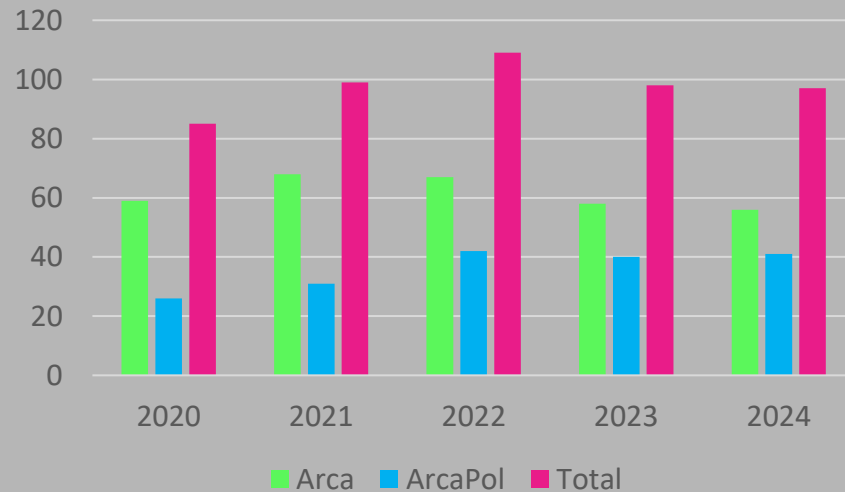


Group's Statistic

We are a company that, in the years, has continued its growth process in terms of number of tool produced in a year and in terms of turnover (see the graphics bellow), and we aspire to continue it with new partners and projects in new sectors.

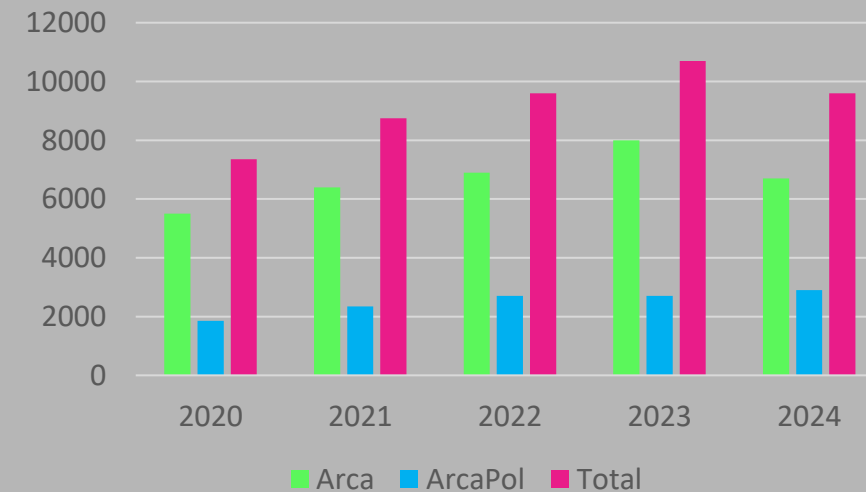
Aiming to the production of tools with high standard and precision, we want to support your project and help you with all the connected matters.

Number of tools produced in a year



Year	2020	2021	2022	2023	2024
Arca	59	68	67	58	56
ArcaPol	26	31	42	40	41
Total	85	99	109	98	97

Turnover



Year	2020	2021	2022	2023	2024
Arca	5,5 Mio	6,4 Mio	6,9 Mio	8,0 Mio	6,7 Mio
ArcaPol	1,85 Mio	2,35 Mio	2,7 Mio	2,7 Mio	2,9 Mio
Total	7,35 Mio	8,75 Mio	9,6 Mio	10,7 Mio	9,6 Mio





Products

The **high-level request of the products**, in terms of quality, tolerances and functionality, combined with a high variability, lead to a continuous development of our know-how upon 30 years of experience and cooperation with our customers

For us **flexibility, efficiency** and **communication** are fundamental in order to **optimize time, costs** and to achieve the **best result**.

We design moulds for serial production of plastic components mainly for Automotive (Interior and Exterior parts, Loudspeaker grilles, Lighting - Headlights, Ambient lighting), Household Appliances, Home Automation and Gardening sector.

We make of **customer services** and **quality** our strengths, offering a qualified service from designing the mould to its delivery.

...and we are ready to embrace new challenges and new sectors!



➔ VISION

Producing excellent injection moulds and integrated technical solutions of product and service, generating value for us and our customers.

➔ MISSION

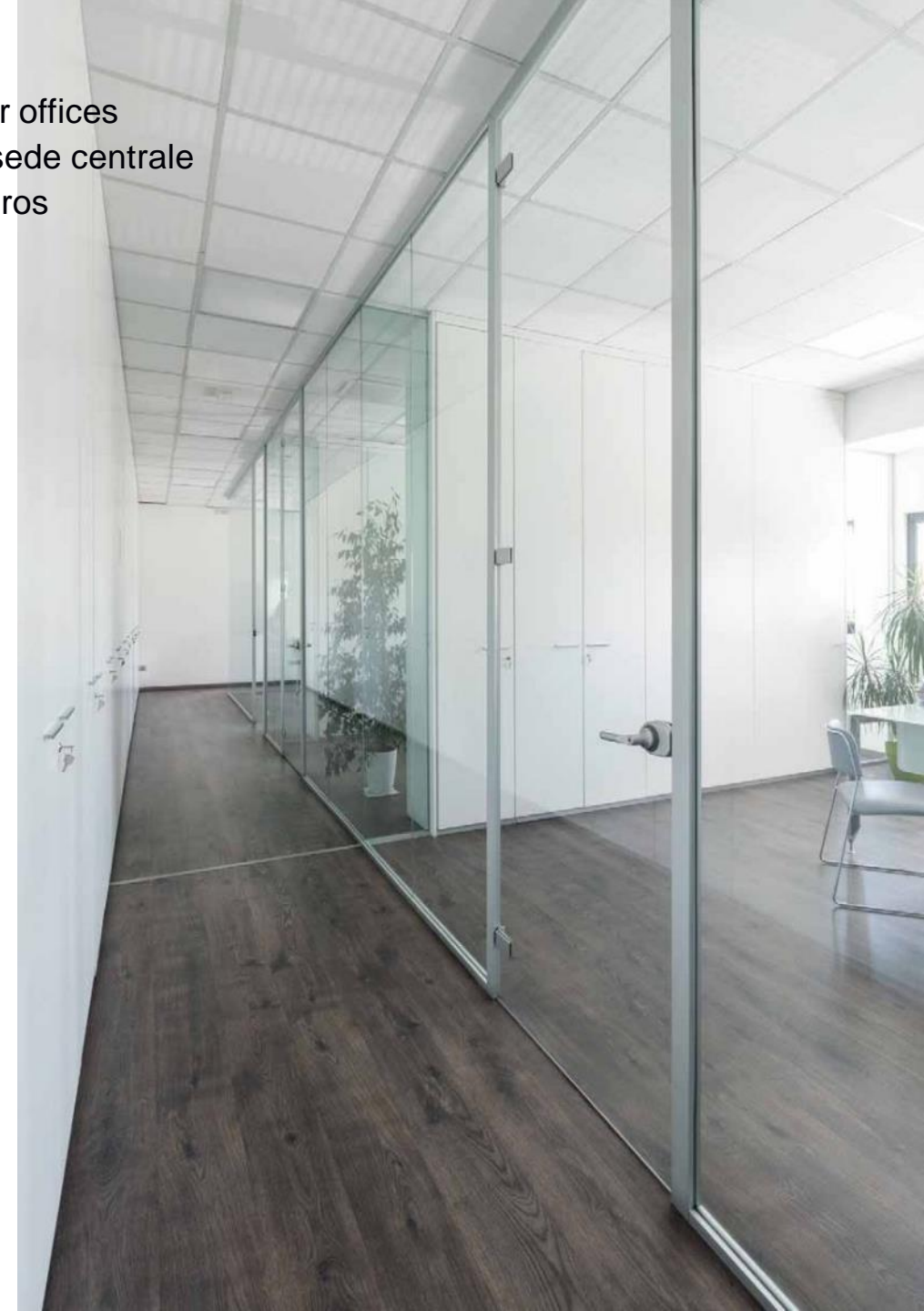
We work proactively and in partnership with our customers; we understand their requirements, needs and objectives in order to constantly satisfy them, relying on very high levels of technological competence, product quality, delivery times, service and competitive prices.



Headquarter offices

Uffici della sede centrale

Hauptsitzbüros



HOUSEHOLD APPLIANCES

Assembly parts



Splash guard & Gear housing



Structural parts



Front Pannels



SAFETY

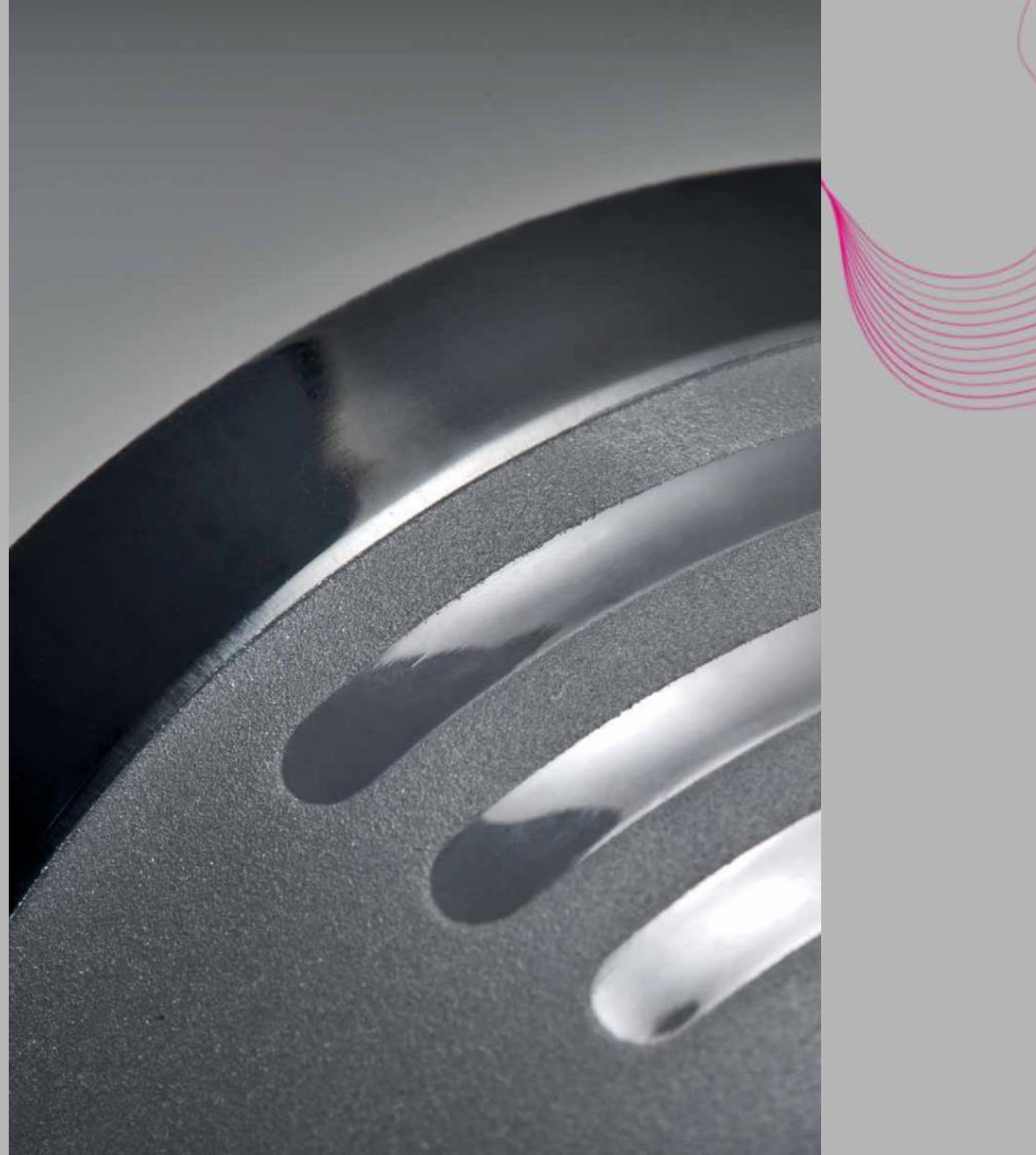


Attenuation headset 2k
Cuffie antirumore 2K
Gehörschutz 2k

Masks



Helms



PACKAGING & HOME PRODUCTS



Cups & bowls



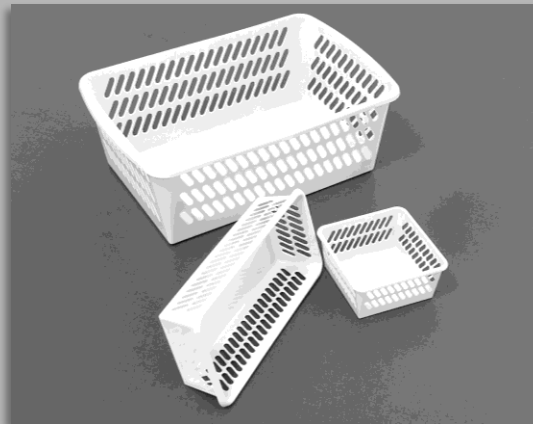
Lids



Multicavity tools



Miscellaneous

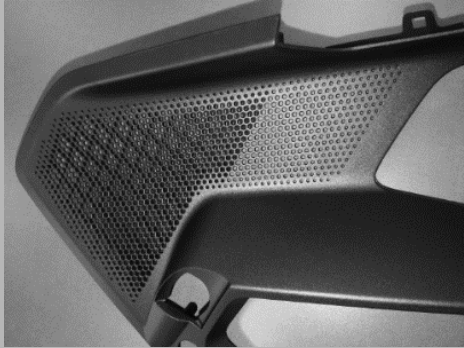


Baskets



AUTOMOTIVE

SPEAKER GRILLS



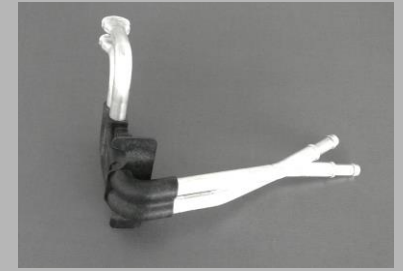
STRUCTURAL/FUNCTIONAL PARTS



Consoles



Pipe connectors



Metal backing.

DECOR TRIMS



OEM Logo
3K Vertical rotating tool
Material: PMMA + ABS/PC



2K PARTS



(horizontal and vertical turning)





AUTOMOTIVE - Lighting

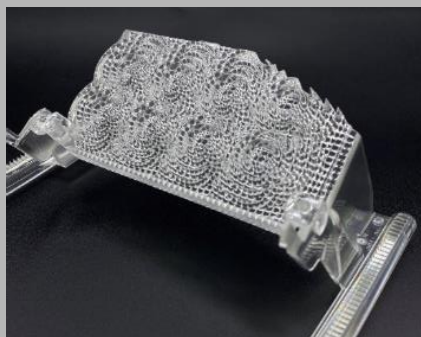
LIGHTGUIDE



Lightguide 2K



Lightguide with
milled fresnel & pillow optics



BEZEL

Bezel 2K



NEW!

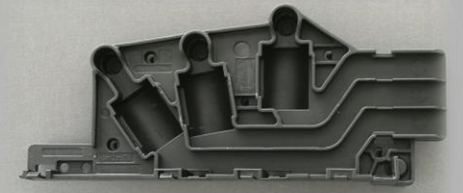
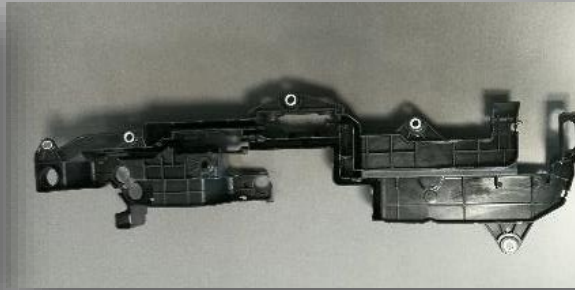
Emotional Lighting

A new integration level made by

- + aluminium **back-injection**
- + diffusor filled by **injection compression**
- + **2K** technology for the black carrier
- ...all in 1 single tool !



ELECTIC PARTS



Cable-channels



Isoliergehäuse



REFRIGERATION & VENTILATION SECTOR

PPS GF30



Filters



FANS



Connectors



PA66 GF30



OTHER SECTORS

There are many sectors in which we have worked and can work; safety and accident prevention, gardening, lighting, design furniture and furnishing, sport & wellness and more. The working method is based on a service and consultancy approach, always starting with the understanding of the needs, requirements and objectives of the Customer so to build moulds that optimize the maximum performance and innovation of the products while limiting production costs.

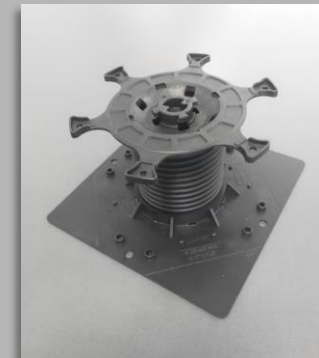


GARDENING

Grills



Pedestal
lines



Spikes

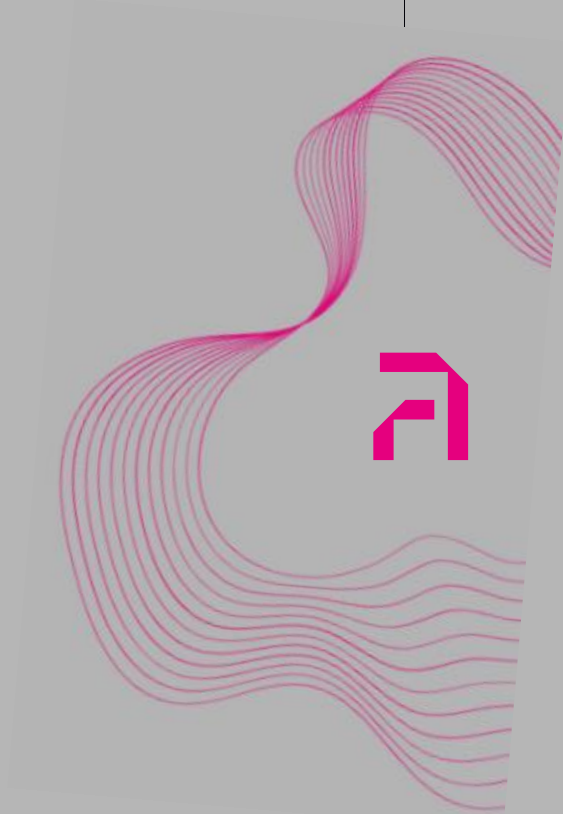


Water distributors



LIGHTING

FURNISHING





Toolshop Italy

Mold dimensions up to 1600x1200 H1100 mm / 15 TON

CNC MILLING MACHINES

RÖDERS RXP601DSH

5 axis

Automatic tool store with robot
for milling 65 electrodes and 8 steel pallets

Tool store with 75 pockets

Working field 540x635x400mm

Complete of:

MEASURING MACHINE

ZEISS DURAMAX

Measuring range 500x500x500mm

PROMAC ETHESIAN

5 axis with pallet changer

Tool store with 210 pockets

Working field 1600x1600x1400mm

DMG MORI DMF 260 LINEAR

5 axis

Tool store with 120 pockets

Working field 2600x1100x900mm

DMG MORI DMC100 V

3 axis

Tool store with 60 pockets

Working field 1000x800x600mm

DMG MORI DMU 100 T2

Monoblock 5 axis

Tool store with 60 pockets

Working field 1150x710x710mm

DMG MORI DMC 95

5 axis

Tool store with 90 pockets

Working field 950x800x700mm

NEW!

DMG MORI DMC 95

5 axis

Tool store with 90 pockets

Working field 950x800x700mm

EROSION MACHINES

OPS INGERSOLL

GANTRY EAGLE 1200 SINKER

Working field 1000x1500x700mm

Tank 1200x1780x625mm

MITSUBISHI EX 22 CNC SINKER

Working field 500x400x350mm

Tank 970x740x350mm

ACCUTEX SP 600I WIRE CUT

Working field 600x400x400mm

Tank 1000x700x400mm

MITSUBISHI MV4800

WIRE CUT R0.07mm

Working field 800x600x500mm

Tank 1200x1000x500mm

MICRODRILLING MACHINE

YAN-YANG SY2535

Working field 350x250x345mm

Tank 800x500mm



Trials and pre-series production

NEGRI BOSSI	50T
ARBURG	150T
NEGRI BOSSI	300T
NEGRI BOSSI	850T

Mould try-outs also with bi-materials



Technologies

2K TOOLS

- rotary tables
- index inserts
- core transfer
- cube tools

SANDWICH TOOLS

TOOLS FOR REFLECTORS WITH OPTICS

IMD - In Mould Decoration

GIM - Gas injection Mould

INJECTION COMPRESSION



Italy, external IMM for tool trials

EXTERNAL MOULDING MACHINES AVAILABILITY

Tons	IMM	Type	Distance from ARCA	Notes
60	Arburg 370A	1K	23 Km	Transparent, Lighting parts
100	Arburg 470A	1K	23 Km	Transparent, Lighting parts
160	Arburg 520AS	1K	23 Km	Transparent, Lighting parts
220	Arburg 570A/S	1K	23 Km	Transparent, Lighting parts
160	Arburg 520S	2K, rotary table	12 Km	2K and parts for lighting
220	Arburg 570S	2K, rotary table	12 Km	2K and parts for lighting
500	Engel	2K, rotary table	12 Km	2K and parts for lighting
350	SUMITOMO DEMAG	1K	28 Km	General 2K parts
450	SUMITOMO DEMAG	1K	28 Km	General 2K parts
400	ENGEL DUO	2K, rotary table	28 Km	General 2K parts
650	ENGEL DUO 5160	2K, rotary table	28 Km	General 2K parts
1000	Engel DUO 1000 2F	2K, horizontal rotary table	91 Km	General 2K parts
1500	MAICO TEK-S	2K, rotary table	30 Km	General 2K parts
1600	BMB	1K	95 Km	Technical parts
2000	BMB	2K	96 Km	Technical parts





ARCAPOL

During 2007 we established our sister company ArcaPol in Poland as part of the internationalization strategy "Make Where You Sell", due to the presence of numerous plants of the main international players (and the strong demand of injection tools in this area).

On 23rd September 2023, continuing to invest in this type of strategy and thanks to Finest support, we moved from our first plant in Poland to a bigger one.



MAKE
WHERE YOU
SELL



Toolshop Poland

Mold dimensions up to 1100x1000 H700 mm / 10 TON

CNC MILLING MACHINES

DECKEL MAHO DMU 105
MONOBLOCK
5 axis - Working field 1135x1050x750mm

DECKEL MAHO DMU 85
MONOBLOCK
5 axis - Working field 935x850x650mm

DECKEL MAHO DMU 80T
5 axis - Working field 880x630x630mm

OPS INGERSOLL EAGLE V5
5 axis - Working field 550x400x400mm

MIKRON VCE 800V PRO
3 axis - Working field 860x560x600mm

ALCOR
3 axis - Working field 800x500x600mm

EROSION MACHINES

OPS INGERSOLL
GANTRY EAGLE 1200
Working field 1000x1510x700mm

MITSUBISHI MV 4800S TUBULAR
Working field 800x600x510mm

MITSUBISHI EX 30
Working field 1200x800x450mm

ACCUTEX AU560i
Working field 950x560x270mm

MOULDING MACHINES

ENGEL 220T
KM 800T



Poland, external IMM for tool trials

EXTERNAL MOULDING MACHINES AVAILABILITY at 2,0 km from ARCAPOL

Tons	Count
50	2
90	3
100	1
150	7
160	1
200	1
210	3
230	3
250	2
270	2
300	2

Tons	Count
380	3
400	1
420	3
500	1
650	2
720	1
800	3
860 Twin	1
1300	1
1300 Twin	2
1500	1



Brands

CARMAKERS



DOMESTIC APPLIANCES



OTHERS



Thank you for your attention
and your time!

We are at your disposal
for all the information you may need

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