e-peAK Plastics

VERSION 3.0 · NOVEMBER 2026
ISTANBUL, TÜRKIYE

PRODUCTION CATALOGUE 2027

Explore our production partner's machinery, capabilities and capacity. Find which machine can mould your part and estimate output.



8
INJECTION MOULDING MACHINES

90–400 t
CLAMPING FORCE

150–1,500 g
SHOT CAPACITY (PC)

4,992
MACHINE HOURS / MONTH

PRODUCTION FACILITY · İMES SANAYI SITESI · ÜMRANIYE / ISTANBUL

ILLUSTRATIVE COVER IMAGE

01 AT A GLANCE

INJECTION MOULDING AND TOOLING IN ISTANBUL

E-PEAK Plastics works with its production partner on international sales. The partner operates independently in the Turkish market. Thermoplastic parts are injection moulded at İMES Sanayi Sitesi. Options include contract moulding and production with material supplied. Moulds and products belong to customers.

8
Injection presses (1 per tonnage) and toolroom support

59,904
installed machine hours per year (3 shifts, 312 days)

30–1,200 g
recommended shot weight range (part + runner)

~890 cm²
approximate maximum projected area on the largest machine

4,992
installed machine hours per month (3 shifts, 26 days)*

3
machine classes for small, medium and large parts

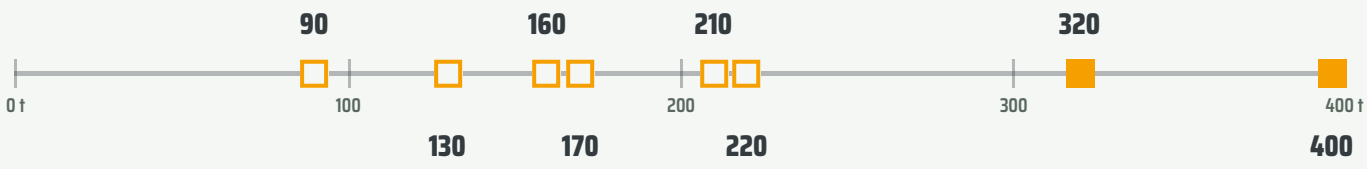
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PRODUCTION PARTNER'S MANAGEMENT SYSTEM CERTIFICATES: **ISO 9001:2015 · ISO 14001:2015 · ISO 45001:2018**

MACHINE PARK BY CLAMPING FORCE

Outline square: small and medium · Solid square: large



* Installed hours: 8 machines × 24 hours × 26 working days. Actual output depends on tooling, cycle time, shifts and workload. See the calculation on page 18. The partner declares shot capacities for polycarbonate (PC). Values vary by material.

02 WAYS TO WORK WITH US

WHAT CAN YOU ORDER?

We offer four ways to work together. Send a drawing or sample and we can determine the best approach with you.

CONTRACT MOULDING

PRODUCTION WITH YOUR MOULD

You supply the mould. The production partner provides the press and material and runs production. Mould compatibility is checked at the outset.

- Parts with a shot weight of 30–1,200 g
- Press selection by mould dimensions, cavities and runner type
- Series production after trial moulding and sample approval

TURNKEY PRODUCTION

PRODUCTION TO SAMPLE WITH MATERIAL INCLUDED

Material is supplied, parts are made to the approved sample and delivered packed. Examples on pages 13–17.

- Material and colour selected from the sample
- Starts with trial moulding and sample approval
- Quote specifies unit price, minimum quantity and lead time

NEW PRODUCT

FROM IDEA TO SERIES PRODUCTION

For a new product, part design and mould making take place in the partner's toolroom. Product ideas on pages 09–12.

- From a photo, sample or drawing to a mould
- Recommended cavity count and machine class
- Your choice of colour and material

TOOLROOM

MOULD MAKING, MAINTENANCE AND MODIFICATION

The partner's toolroom makes new moulds and maintains, repairs and modifies existing moulds. Details on page 08.

- Excellent CNC-540 die-sinking EDM
- Manual milling machine
- Manual lathe · Imatec

4 QUESTIONS

Quickest route to a quote How much does the part weigh in grams? What are its outer dimensions? Do you have a mould, and how many cavities? How many parts per year or per order? These details help us estimate press suitability and production time. Full list on page 20.

WHICH MACHINE CLASS SUITS YOUR PART?

CLASS	MACHINES	RECOMMENDED SHOT WEIGHT	PROJECTED AREA (APPROX.)	TYPICAL APPLICATIONS
SMALL	90 t · 130 t	30–200 g	≤ 290 cm²	Caps, clips, connectors and small technical parts
MEDIUM	160–220 t	60–375 g	≤ 490 cm²	Containers, funnels, stands, home and kitchen items
LARGE	320 t · 400 t	200–1,200 g	≤ 890 cm²	Hard hats, buckets, crates, large containers and enclosures

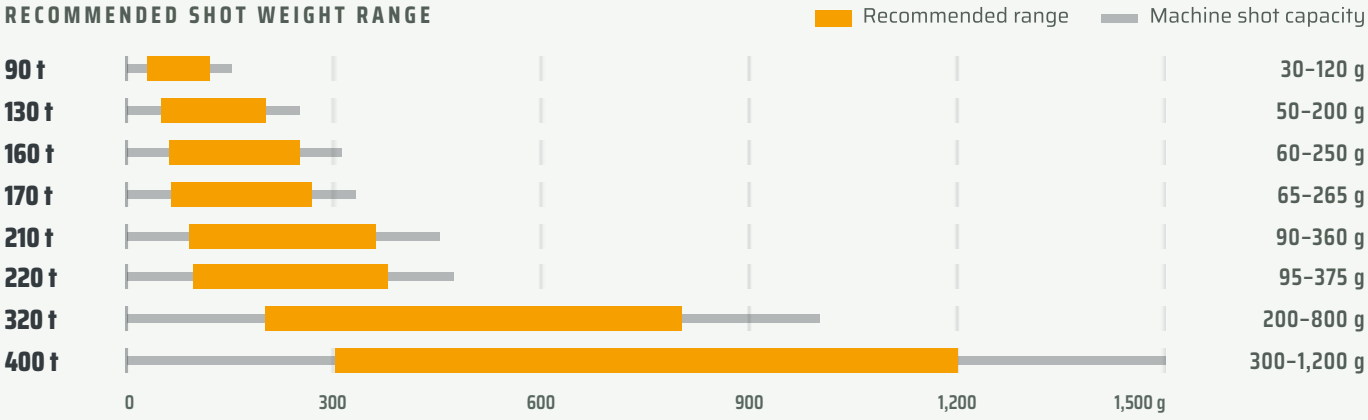
03 MACHINE PARK

INJECTION MOULDING MACHINES AND TOOLROOM

8 injection presses from 90 to 400 tonnes, plus die-sinking EDM, manual milling and turning. Total shot weight must fit the recommended range and projected area must suit the clamping force.

CLAMPING FORCE	MODEL	SHOT CAPACITY (PC)	RECOMMENDED SHOT WEIGHT	MAX. PROJECTED AREA (APPROX.)	CLASS
90 t	**LOG 90-S8** Asin Makine	150 g	30–120 g	200 cm²	SMALL
130 t	**LOG 130-S8** Asin Makine	250 g	50–200 g	290 cm²	SMALL
160 t	**LOG 160-S8** Asin Makine	310 g	60–250 g	355 cm²	MEDIUM
170 t	**LOG 170-S9** Asin Makine	330 g	65–265 g	380 cm²	MEDIUM
210 t	**LOG 210-S8** Asin Makine	450 g	90–360 g	465 cm²	MEDIUM
220 t	**LOG 220-S9** Asin Makine	470 g	95–375 g	490 cm²	MEDIUM
320 t	**Borche BT320** Hastek	1,000 g	200–800 g	710 cm²	LARGE
400 t	**LOG 400-S8** Asin Makine	1,500 g	300–1,200 g	890 cm²	LARGE
—	**Toolroom** Mould making and maintenance	Die-sinking EDM · Manual milling · Manual turning			TOOLROOM

RECOMMENDED SHOT WEIGHT RANGE



Shot capacity: single-shot capacity declared by the partner for polycarbonate (PC). Attainable weight varies by polymer. Manufacturer specifications for PS use a different reference.

Recommended shot weight: 20–80% of capacity for reliable production (all cavities and runner included). **Projected area:** estimated at 0.45 t/cm² and varies with material, wall thickness and flow length. Mould dimensions are checked against tie-bar spacing and mould height.

90–170 TONNES

90 t



LOG 90-S8

ASIN MAKINE · SMALL CLASS

SHOT CAPACITY (PC)
150 g

RECOMMENDED SHOT
30–120 g

PROJECTED AREA
≈ 200 cm²

TIE-BAR SPACING
360 × 360 mm

MOULD THICKNESS
150–360 mm

OPENING STROKE
320 mm

SCREW Ø · TYPE B
35 mm

Typical applications: caps and plugs in multi-cavity moulds, clips, fasteners, small technical and spare parts.

130 t



LOG 130-S8

ASIN MAKINE · SMALL CLASS

SHOT CAPACITY (PC)
250 g

RECOMMENDED SHOT
50–200 g

PROJECTED AREA
≈ 290 cm²

TIE-BAR SPACING
410 × 410 mm

MOULD THICKNESS
150–430 mm

OPENING STROKE
380 mm

SCREW Ø · TYPE B
42 mm

Typical applications: packaging closures, electrical fittings, cosmetic packaging parts and small household items.

160 t



LOG 160-S8

ASIN MAKINE · MEDIUM CLASS

SHOT CAPACITY (PC)
310 g

RECOMMENDED SHOT
60–250 g

PROJECTED AREA
≈ 355 cm²

TIE-BAR SPACING
460 × 460 mm

MOULD THICKNESS
180–500 mm

OPENING STROKE
430 mm

SCREW Ø · TYPE B
45 mm

Typical applications: container and jar bodies, funnels, stands, holders and kitchen items.

170 t



LOG 170-S9

ASIN MAKINE · MEDIUM CLASS

SHOT CAPACITY (PC)
330 g

RECOMMENDED SHOT
65–265 g

PROJECTED AREA
≈ 380 cm²

TIE-BAR SPACING
510 × 460 mm

MOULD THICKNESS
200–550 mm

OPENING STROKE
430 mm

SCREW Ø · TYPE B
45 mm

Typical applications: storage containers, medium technical parts, furniture and appliance accessories.

210–400 TONNES

210 t



LOG 210-S8

ASIN MAKINE · MEDIUM CLASS

SHOT CAPACITY (PC)	RECOMMENDED SHOT	PROJECTED AREA
450 g	90–360 g	≈ 465 cm²
TIE-BAR SPACING	**MOULD THICKNESS**	**OPENING STROKE**
510 × 510 mm	200–550 mm	480 mm
SCREW Ø · TYPE B		
50 mm		

Typical applications: home and garden products, medium containers, stands and funnels in two-cavity moulds.

220 t



LOG 220-S9

ASIN MAKINE · MEDIUM CLASS

SHOT CAPACITY (PC)	RECOMMENDED SHOT	PROJECTED AREA
470 g	95–375 g	≈ 490 cm²
TIE-BAR SPACING	**MOULD THICKNESS**	**OPENING STROKE**
560 × 510 mm	220–600 mm	480 mm
SCREW Ø · TYPE B		
50 mm		

Typical applications: enclosure and box parts, planters and medium to large technical parts.

320 t



Borche BT320

HASTEK · LARGE CLASS

SHOT CAPACITY (PC)	RECOMMENDED SHOT	PROJECTED AREA
1,000 g	200–800 g	≈ 710 cm²
TIE-BAR SPACING	**MOULD THICKNESS**	**OPENING STROKE**
670 × 670 mm	220–655 mm	580 mm
SCREW Ø · TYPE C		
80 mm		

Typical applications: hard-hat shells, buckets and lids, carry cases and large containers.

400 t



LOG 400-S8

ASIN MAKINE · LARGE CLASS

SHOT CAPACITY (PC)	RECOMMENDED SHOT	PROJECTED AREA
1,500 g	300–1,200 g	≈ 890 cm²
TIE-BAR SPACING	**MOULD THICKNESS**	**OPENING STROKE**
770 × 705 mm	280–820 mm	710 mm
SCREW Ø · TYPE B		
80 mm		

Typical applications: crates and baskets, large planters, large enclosures and industrial containers.



TOOLROOM

DIE-SINKING EDM, MANUAL MILLING AND TURNING

The partner's toolroom builds, maintains, repairs and modifies moulds. Die-sinking EDM, manual mills and lathes support production.

Press images are illustrative. The toolroom photo belongs to the production partner. The partner declares shot capacity with PC as the reference. Dimensions come from manufacturer catalogues. Mould and machine compatibility is checked at quotation.

05 PARTS WE CAN MANUFACTURE

PARTS SUITED TO THE MACHINE PARK

These typical applications fit the presses' weight and area limits. Final suitability depends on part weight, dimensions and mould.

SMALL CLASS

30–200 g

≤ 290 CM² PROJECTED

90 t · 130 t

Caps and plugs
Packaging, chemicals and non-food containers

Electrical fittings
Junction-box lids, cable holders, housing parts

Small household items
Hooks, clips and organisers

Clips and fasteners
Furniture, automotive and appliances

Cosmetic packaging parts
Cap, inner plug and small case

Technical spare parts
To customer drawing

MEDIUM CLASS

60–375 g

≤ 490 CM² PROJECTED

160 t · 170 t · 210 t · 220 t

Container, jar and box bodies
Packaging and storage

Stands and holders
Example: phone/plate stand, p. 14

Planters and garden products
Small and medium sizes

Funnels and filling accessories
Example: red funnel, pp. 13–14

Kitchen and household goods
Bowls, strainers and organisers

Housing and box parts
Electrical, electronics and hardware

LARGE CLASS

200–1,200 g

≤ 890 CM² PROJECTED

320 t · 400 t

Hard-hat shell
Large class, 320–400 t · example p. 13

Crates, baskets and carry cases
Medium size

Large enclosures and covers
For machines, equipment and installations

Buckets and lids
Paint, non-food and construction

Large planters and basins
Home and garden

Industrial containers and lids
With the customer's mould

PRODUCTION LIMITS AND CASES FOR SEPARATE REVIEW

- Shots over 1,200 g exceed the recommended range and require separate review
- Projected area over approximately 890 cm²
- Extruded products: pipes, profiles and film
- Thermoset and rubber moulding

Contact us to review mould and material together for projects near the limits. See pages 09–12 for 24 concepts that require new tooling.

06 TOOLING AND DESIGN

TOOLROOM SUPPORT WHEN YOU NEED A MOULD

Start with a photo, sample or technical drawing. The partner handles design, mould making, trials and series production on one site. The toolroom has die-sinking EDM, manual mills and lathes.

FROM IMAGE TO MOULD

PHOTO, SKETCH OR IDEA

We agree dimensions and conditions of use from the image. The part is designed for injection moulding and the tool is made.

FROM SAMPLE TO MOULD

YOUR SAMPLE

The existing part is measured. A mould is built to reproduce or improve the part.

FROM DRAWING TO MOULD

STEP, IGES OR TECHNICAL DRAWING

Wall thickness, draft and gate location are checked for mouldability. Toolmaking starts after your approval.

WITH YOUR OWN MOULD

EXISTING MOULD

The partner checks machine compatibility, services or modifies the mould if needed, then starts series production.

ON ONE SITE

01

PART DESIGN

Dimensions, wall thickness, assembly and conditions of use

02

MOULD MAKING

The partner's toolroom sets cavity count to meet your volume target

03

TRIALS AND SAMPLES

Trial moulding and approval of dimensions and appearance

04

SERIES PRODUCTION

Colour, packaging and shipping to your specifications

COLOUR

YOUR CHOICE OF COLOUR

Masterbatch colouring for different colour runs from one mould

MATERIAL

SELECTED FOR THE APPLICATION

Mainly PP, PE and ABS. Engineering polymers are assessed on request.

QUANTITY

CAVITIES TO MATCH VOLUME

Cavity count is agreed based on annual volume and part size

The quote specifies mould cost, ownership and storage terms in writing. Tooling lead time depends on part complexity.

24 PRODUCT IDEAS FROM 1 TO 700 GRAMS

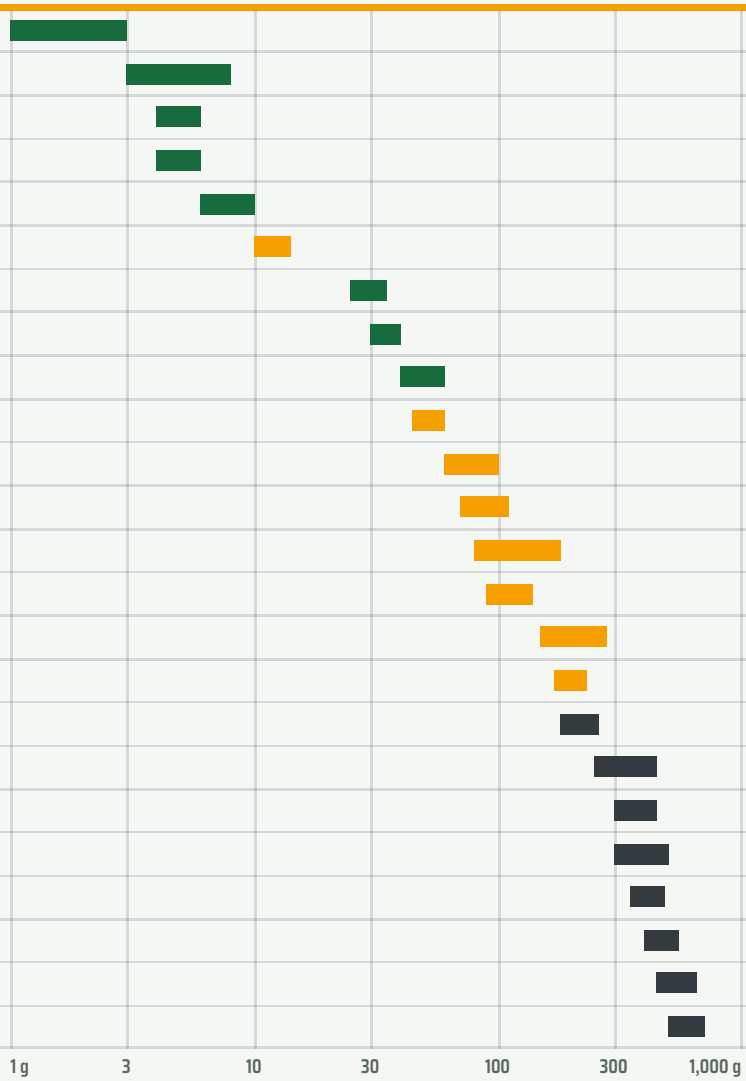
These concepts require new moulds and show what the partner's machinery can produce. You can commission tooling or use the partner's toolroom. Sample weights and areas fit machine limits.

24
example products, 8 in each machine class

1–700 g
part weight range

1–32
cavities in sample configurations, with multiple cavities for small parts

PART WEIGHT ON A LOGARITHMIC SCALE



Cable clip	1–3 g	90 t
Technical gear	3–8 g	90 t
Flip-top cap	4–6 g	90 t
Clothes peg	4–6 g	90 t
Measuring spoon set	6–10 g	90 t
Jar lid · Ø82 mm	10–14 g	220 t
Junction box	25–35 g	130 t
Clothes hanger	30–40 g	130 t
Pet food and water bowl	40–60 g	130 t
Storage container · 1 L	45–60 g	160 t
Electronic device enclosure	60–100 g	210 t
Plant pot · Ø18 cm	70–110 g	160 t
Fixture housing	80–180 g	170 t
Drawer organiser	90–140 g	210 t
Appliance housing half	150–280 g	220 t
Bucket · 5 L	170–230 g	210 t
Serving tray · 30×22 cm	180–260 g	320 t
Interior trim part	250–450 g	400 t
Garden planter · Ø30 cm	300–450 g	400 t
Tool case body	300–500 g	400 t
Bucket · 10–12 L	350–480 g	320 t
Storage box · 10 L	400–550 g	320 t
Step stool	450–650 g	400 t
Waste bin · 15 L	500–700 g	400 t

Weights are typical and vary by wall thickness, design and material. Press matching uses recommended shot weight (20–80% of declared capacity) and projected area. Shot weight includes typical part weight and a runner allowance. Product images on the following pages are illustrative.

07 PRODUCT IDEAS · SMALL CLASS

SMALL PARTS, MULTI-CAVITY MOULDS

Parts from 1 to 60 grams. One shot yields multiple small parts. The volume target determines cavity count.

SMALL CLASS 90 t · 130 t RECOMMENDED SHOT WEIGHT **30–200 g** PROJECTION ≤ **290 cm²**



MACHINE AND AUTOMATION

TECHNICAL GEAR

3–8 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
8 cavities	~60 g	~60 cm²
MACHINE	**SUGGESTED MATERIAL**	
90 t	POM, PA	

Quiet operation and wear resistance



CONSTRUCTION AND ELECTRICAL

CABLE CLIP

1–3 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
32 cavities	~70 g	~100 cm²
MACHINE	**SUGGESTED MATERIAL**	
90 t	PA6, PP	

Multi-cavity mould for high volumes



COSMETICS AND CLEANING-PRODUCT PACKAGING

FLIP-TOP CAP

4–6 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
12 cavities	~70 g	~150 cm²
MACHINE	**SUGGESTED MATERIAL**	
90 t	PP	

One-piece hinged cap



HOUSEHOLD GOODS

CLOTHES PEG

4–6 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
16 cavities	~90 g	~155 cm²
MACHINE	**SUGGESTED MATERIAL**	
90 t	PP	

Body halves in one mould, separate spring



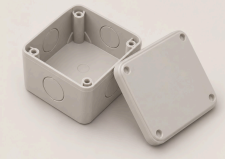
KITCHEN

MEASURING SPOON SET

6–10 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
8 cavities	~75 g	~160 cm²
MACHINE	**SUGGESTED MATERIAL**	
90 t	PP	

Different sizes in a family mould



ELECTRICAL INSTALLATIONS

JUNCTION BOX

25–35 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
4 cavities	~130 g	~250 cm²
MACHINE	**SUGGESTED MATERIAL**	
130 t	PP, ABS	

Blind holes with screw bosses



TEXTILES AND RETAIL

CLOTHES HANGER

30–40 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
2 cavities	~80 g	~160 cm²
MACHINE	**SUGGESTED MATERIAL**	
130 t	PP, PS	

Brand logo can be engraved in the mould



PET PRODUCTS

PET FOOD AND WATER BOWL

40–60 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
2 cavities	~120 g	~265 cm²
MACHINE	**SUGGESTED MATERIAL**	
130 t	PP	

Option for a separate non-slip base

07 PRODUCT IDEAS · MEDIUM CLASS

HOME, KITCHEN AND APPLIANCE PARTS

Everyday products from containers to appliance housings. The four medium-class presses offer the broadest range.

MEDIUM CLASS 160 t · 170 t · 210 t · 220 t RECOMMENDED SHOT WEIGHT 60–375 g PROJECTION ≤ 490 cm²



FOOD PACKAGING

JAR LID · Ø82 MM

10–14 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
8 cavities	~110 g	~420 cm²
MACHINE	**SUGGESTED MATERIAL**	
220 t	PP	

8 cavities yield 8 lids per shot



KITCHEN AND HOME

STORAGE CONTAINER · 1 L

45–60 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
2 cavities	~120 g	~300 cm²
MACHINE	**SUGGESTED MATERIAL**	
160 t	PP	

Lid in a separate mould, same class



GARDENING AND ORNAMENTAL PLANTS

PLANT POT · Ø18 cm

70–110 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
1 cavity	~100 g	~255 cm²
MACHINE	**SUGGESTED MATERIAL**	
160 t	PP	

Can be made as a set with saucer



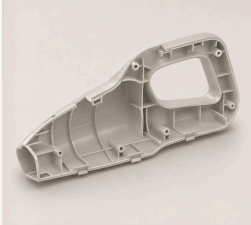
LIGHTING

FIXTURE HOUSING

80–180 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
1 cavity	~150 g	~250 cm²
MACHINE	**SUGGESTED MATERIAL**	
170 t	PC, ABS	

Made from heat-resistant material



SMALL DOMESTIC APPLIANCES

APPLIANCE HOUSING HALF

150–280 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
1 cavity	~260 g	~300 cm²
MACHINE	**SUGGESTED MATERIAL**	
220 t	ABS, PP	

One half per shot, other half moulded separately



PAINT, CHEMICALS AND NON-FOOD

BUCKET · 5 L

170–230 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
1 cavity	~210 g	~380 cm²
MACHINE	**SUGGESTED MATERIAL**	
210 t	PP, HDPE	

Separate handle and lid



ELECTRONICS AND AUTOMATION

ELECTRONIC DEVICE ENCLOSURE

60–100 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
2 cavities	~190 g	~360 cm²
MACHINE	**SUGGESTED MATERIAL**	
210 t	ABS, PC	

Bottom and top covers in a family mould



HOME AND OFFICE

DRAWER ORGANISER

90–140 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
1 cavity	~130 g	~400 cm²
MACHINE	**SUGGESTED MATERIAL**	
210 t	PS, PP	

Compartmented and stackable

BUCKETS, CASES AND LARGE HOUSINGS

Large bodies from 180 to 700 grams. Mould height and opening stroke are checked separately for deep parts.

LARGE CLASS 320 t · 400 t RECOMMENDED SHOT WEIGHT 200–1,200 g PROJECTION ≤ 890 cm²



HOTELS, CAFÉS AND INSTITUTIONS

SERVING TRAY · 30×22 cm

180–260 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
1 cavity	~240 g	~660 cm²
MACHINE	**SUGGESTED MATERIAL**	
320 t	PP, PS	

Non-slip surface texture available



HARDWARE AND HAND TOOLS

TOOL CASE BODY

300–500 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
1 cavity	~480 g	~720 cm²
MACHINE	**SUGGESTED MATERIAL**	
400 t	PP	

Separate moulds for lid and body



CONSTRUCTION AND FARMING

BUCKET · 10–12 L

350–480 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
1 cavity	~450 g	~620 cm²
MACHINE	**SUGGESTED MATERIAL**	
320 t	PP, HDPE	

Handle mount formed in the mould



HOME AND STORAGE

STORAGE BOX · 10 L

400–550 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
1 cavity	~520 g	~600 cm²
MACHINE	**SUGGESTED MATERIAL**	
320 t	PP	

With stackable lid



HOME, BATHROOM AND CHILDREN

STEP STOOL

450–650 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
1 cavity	~600 g	~800 cm²
MACHINE	**SUGGESTED MATERIAL**	
400 t	PP	

Non-slip base insert can be added



HOME AND OFFICE

WASTE BIN · 15 L

500–700 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
1 cavity	~650 g	~750 cm²
MACHINE	**SUGGESTED MATERIAL**	
400 t	PP	

Lid in a separate mould



AUTOMOTIVE SUPPLIERS

INTERIOR TRIM PART

250–450 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
1 cavity	~420 g	~700 cm²
MACHINE	**SUGGESTED MATERIAL**	
400 t	PP, ABS	

Surface texture applied in the mould



GARDENING AND LANDSCAPING

GARDEN PLANTER · Ø30 cm

300–450 g / part

EXAMPLE MOULD	SHOT (AVG.)	PROJECTION
1 cavity	~420 g	~705 cm²
MACHINE	**SUGGESTED MATERIAL**	
400 t	PP	

Base with drainage holes

EXAMPLES OF MOULDED PARTS

These parts were made by the production partner for its customers. Moulds and products belong to customers. The parts are shown as examples of the workshop's capabilities and are unavailable for sale.



SAFETY EQUIPMENT · 320–400 TONNES

HARD-HAT SHELL



HARD HAT · EXAMPLE COLOURS

ONE MOULD, DIFFERENT COLOURS



FILLING ACCESSORY

FUNNEL

Studio visuals are based on photos of actual parts made by the partner. Colour ranges are illustrative. Colours are approved against a sample.

08 PRODUCTION EXAMPLES

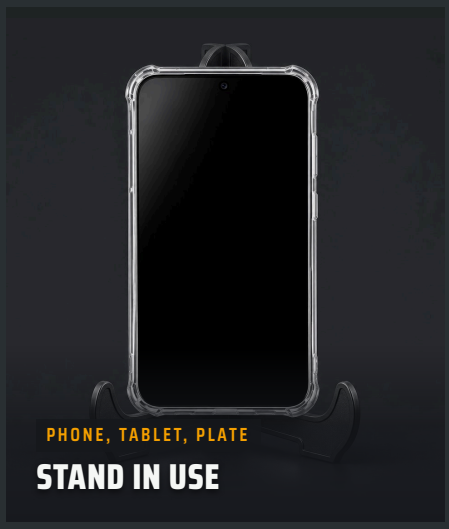
STAND, FUNNEL AND PACKAGING

Interlocking stand, funnel and wide-mouth container. Colour and packaging to customer specifications.



2 PARTS · BLACK, WHITE, ORANGE

INTERLOCKING STAND



PHONE, TABLET, PLATE

STAND IN USE



RED, YELLOW, BLUE, BLACK

FUNNEL COLOURS



WHITE, NATURAL, BLACK

WIDE-MOUTH CONTAINER



COMPATIBLE WITH SCREW CAP

THREADED NECK



FROM RESIN TO YOUR CHOSEN COLOUR

COLOUR USING MASTERBATCH

Studio visuals are based on photos of parts from the partner's workshop. The phone and granules are illustrative. Colours shown are examples and are approved against samples.

08 PRODUCTION EXAMPLES

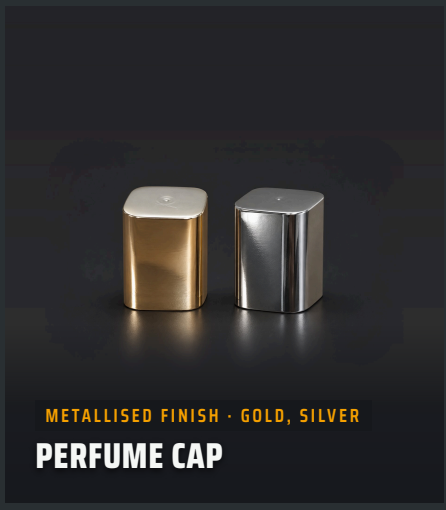
COSMETIC PACKAGING AND BABY PRODUCTS

Bottle, cap and jar parts, plus baby pacifier parts. Cosmetic jars and baby pacifiers are within the scope of the partner's ISO certificates (p. 19).



3 PARTS · BODY, INNER CAP, OUTER CAP

COSMETIC BOTTLE AND CAP SET



METALLISED FINISH · GOLD, SILVER

PERFUME CAP



SILVER INNER CAP, CLEAR OUTER CAP

SET WITH METALLISED INNER CAP



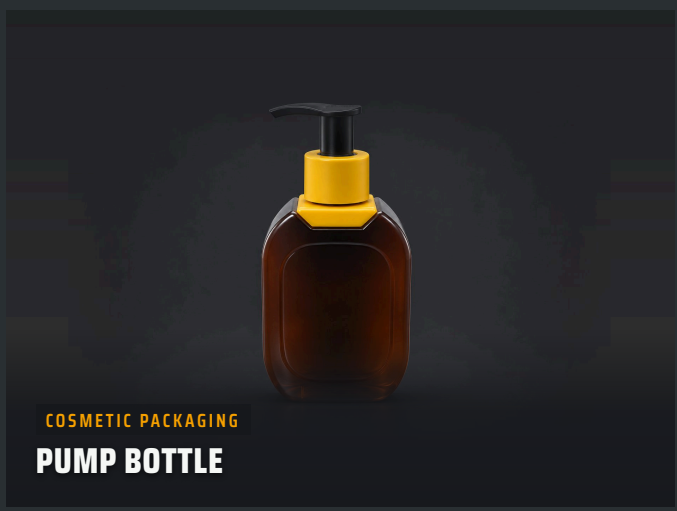
COSMETIC PRODUCT JAR

CLEAR COSMETIC JAR



RING, SHIELD, CAP

BABY PACIFIER PARTS



COSMETIC PACKAGING

PUMP BOTTLE

Studio visuals were prepared from photographs of actual pieces made in the partner's workshop. Moulds and parts belong to customers.

08 PRODUCTION EXAMPLES

TECHNICAL PARTS AND HOUSINGS

Parts in different sizes and weights, from cases and scooter components to lidded boxes and oval containers.



SEWING MACHINE CASE · BODY AND LID

CARRY CASE



BODY WITH LID

PROTECTIVE CASE



PLASTIC SCOOTER COMPONENTS

PLASTIC SCOOTER COMPONENT



PISTOL-STYLE HANDLE

GRIP BODY



TECHNICAL PART

CONNECTOR



HOUSEHOLD PRODUCT

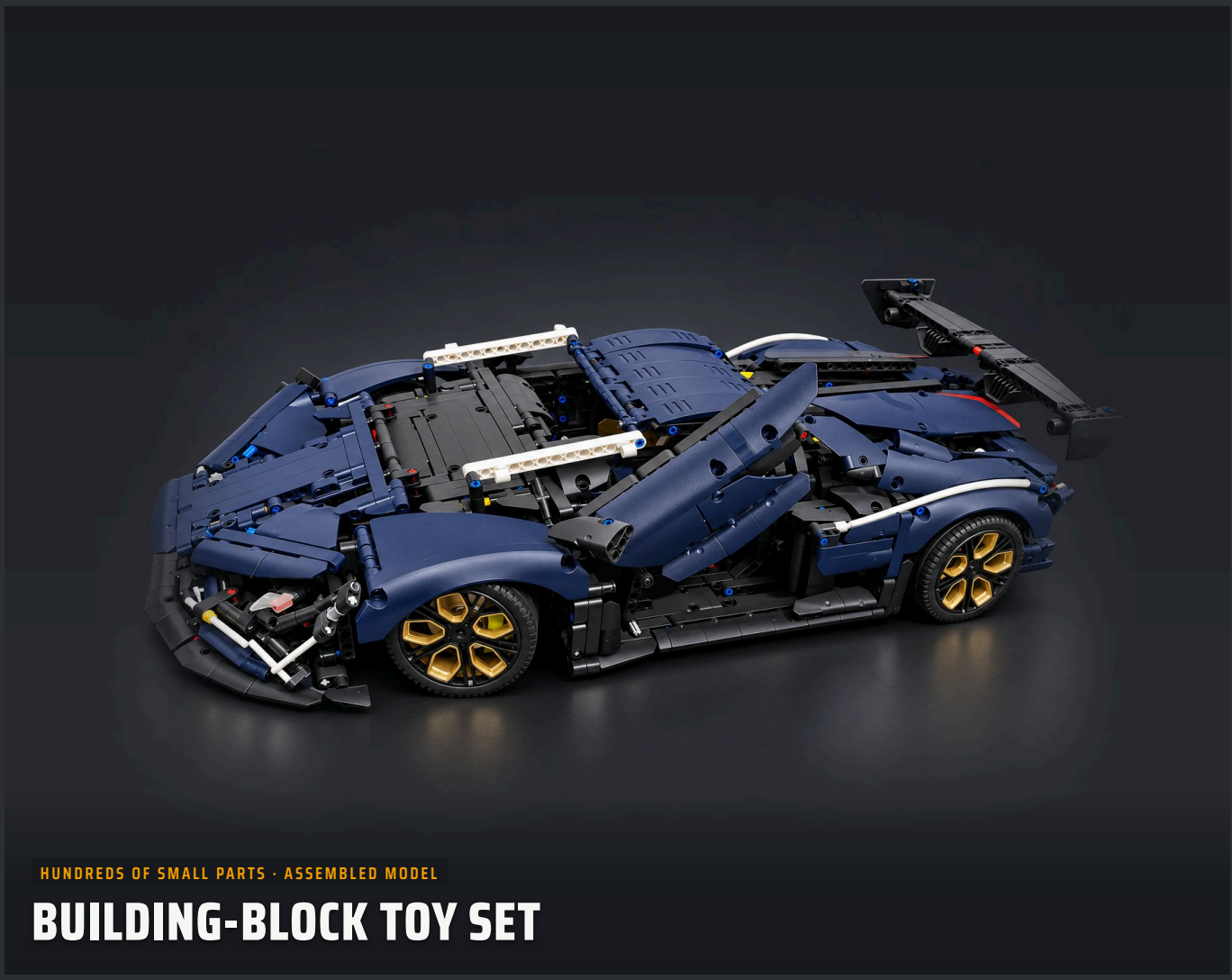
OVAL CONTAINER

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08 PRODUCTION EXAMPLES

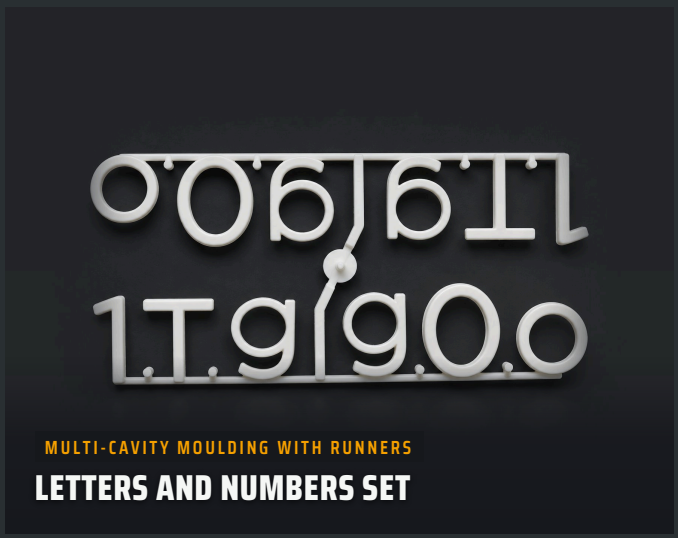
SMALL PRECISION PARTS

Fine-detail parts, from building-block kits with hundreds of pieces to letters and numbers moulded with runners in a multi-cavity tool.



HUNDREDS OF SMALL PARTS · ASSEMBLED MODEL

BUILDING-BLOCK TOY SET



MULTI-CAVITY MOULDING WITH RUNNERS

LETTERS AND NUMBERS SET



AUTOMOTIVE ACCESSORY

BADGE LETTERING

Studio visuals were prepared from photographs of actual pieces made in the partner's workshop. Moulds and parts belong to customers.

09 PRODUCTION CAPACITY

CAPACITY IN MACHINE HOURS AND UNITS

Machine hours measure injection moulding capacity. Order duration depends on part cycle time and mould cavity count.

59,904
installed machine hours per year
(8 machines × 24 hours × 312 days)

4,992
installed machine hours per month
(3 shifts, 26 working days)

85%
efficiency used in estimates (mould changes, downtime and scrap)

CLASS	MACHINE	1 SHIFT · HOURS/MONTH	2 SHIFTS · HOURS/MONTH	3 SHIFTS · HOURS/MONTH
Small · 90–130 t	2	416	832	1,248
Medium · 160–220 t	4	832	1,664	2,496
Large · 320–400 t	2	416	832	1,248
Total	**8**	**1,664**	**3,328**	**4,992**

MONTHLY EXAMPLES · SINGLE PRESS, 3 SHIFTS

SMALL · CAP

Part	12 g · Ø40 mm
Mould	8 cavities
Shot (including runner)	≈ 106 g
Machine	90 t
Cycle	18 s

≈ 848,600
units / month

MEDIUM · HOUSEHOLD PRODUCT

Part	180 g
Mould	1 cavity
Shot (including runner)	≈ 189 g
Machine	160–220 t
Cycle	35 s

≈ 54,600
units / month

LARGE · BUCKET, CRATE

Part	750 g
Mould	1 cavity
Shot (including runner)	≈ 790 g
Machine	320–400 t
Cycle	55 s

≈ 34,700
units / month

Monthly units = (3,600 ÷ cycle s) × cavities × efficiency × hours/day × working days
Examples assume 85% efficiency, 24 hours per day and 26 working days per month.

The examples illustrate the method and are not an order commitment. Actual cycle time depends on wall thickness, material and mould cooling. Available capacity and lead time are quoted based on current workload.

WHICH PLASTICS CAN WE MOULD?

Material, colour and additives are agreed at quotation based on the application. Engineering polymers requiring drying or high temperatures are assessed in project-specific trials.

GENERAL PURPOSE

PP **PE** **ABS** **PS**

Packaging, household goods, buckets, crates, caps and hard hats

PROJECT-SPECIFIC

PC PA POM SAN PMMA

Technical and clear parts, subject to trials

FLEXIBLE AND SPECIALIST

TPE Recycled material

Assessed through project-specific trials

MANAGEMENT SYSTEM CERTIFICATES OF PRODUCTION PARTNER AKKALIP PLASTIK



ISO 9001:2015
QUALITY MANAGEMENT SYSTEM
Certificate no. QMS-010171
IQR International



ISO 14001:2015
ENVIRONMENTAL MANAGEMENT SYSTEM
Certificate no. EMS-010171
IQR International



ISO 45001:2018
OCCUPATIONAL HEALTH AND SAFETY
Certificate no. GCR/CERT-08.2025.005411
GCR Cert

Scope: manufacture and sale of injection moulds and moulded products, including hard hats, furniture legs, handles and accessories, baby pacifiers, milkshake containers, scooter plastic parts, plastic wheels, reel cables and cosmetic jars. Original certificates and verification details are available on request.



DIE-SINKING EDM · EXCELLENT CNC-540
Mould making, maintenance and modification



MANUAL LATHE · IMATEC
Machining mould parts and auxiliary components



MOULD STORAGE
Customer moulds are stored on organised racks



MATERIAL AND TOOLING AREA
Separate areas for material, moulds and hand tools

11 ORDER PROCESS

FROM ENQUIRY TO SHIPMENT

01
ENQUIRY
Send a drawing, sample or mould details.

02
TECHNICAL REVIEW
We check compatibility between the part, mould and machine.

03
QUOTATION
We provide unit price, minimum quantity and lead time.

04
TRIAL MOULDING
The mould is mounted and sample parts are moulded.

05
SAMPLE APPROVAL
Series production starts after you approve dimensions, colour and appearance.

06
SERIES PRODUCTION AND SHIPPING
Packed products are delivered as agreed.

INFORMATION TO SEND FOR A QUOTE

- ☐ **Part drawing** (STEP, IGES or PDF) or a physical sample
- ☐ **Part weight** (g) and overall dimensions
- ☐ **Mould details:** cavity count, overall dimensions and runner type
- ☐ **Lead time** and delivery location
- ☐ **Material and colour** preferences, including material grade if known
- ☐ **Quantity:** estimated per order and per year
- ☐ **Packaging** and labelling requirements

Fill in the details you have.

SALES OFFICE · E-PEAK Plastics

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+90 850 218 7325

EMAIL · WEBSITE
info@e-peak.net · epeakplast.com

FACTORY · PRODUCTION PARTNER

Akkalıp Plastik Sanayi Dış Ticaret Ltd. Şti.

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Ümraniye / Istanbul, Türkiye

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akkaliptr@gmail.com · akkalipplastik.com

Technical values are based on the partner's November 2026 declaration. Machine changes will appear in later editions. Capacity examples are not a production commitment.

SHAPE YOUR IDEA.
BRING IT INTO PRODUCTION.

8
INJECTION MOULDING MACHINES

90–400 t
CLAMPING FORCE

Toolroom
FROM DESIGN TO SERIES PRODUCTION

ISO 9001 · 14001 · 45001
PRODUCTION PARTNER'S CERTIFICATES

Sales office · Yalı Mahallesi, Kadir Sokak, 14/302, Helis More Residence
Kartal, 34873 Istanbul, Türkiye

+90 850 218 7325 · info@e-peak.net

epeakplast.com

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2027 PRODUCTION CATALOGUE · VERSION 3.0 · NOVEMBER 2026