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AL.MA. PA55R combined extruder press

AL.MA. Srl (Italy) · extruded pasta 40–45 kg/h · double-sheet dough products 60 kg/h



AL.MA. PA55R combined extruder press — general view (photo by the manufacturer AL.MA. Srl)

Purpose

A combined machine for continuous dough processing and production of short and long extruded pasta, lasagne dough sheet and double-sheet dough products — ravioli, varenyky and dumplings. It works with any type of flour or semolina and can be used on its own or built into a production line.

Machine composition

• construction entirely of stainless steel;

• twin stainless steel mixing tank, the rear one tilting;

• stainless steel shafts and blades, removable for easy washing;

• extrusion cylinder with a cooling jacket; extrusion screw entirely of stainless steel, removable for washing;

• electronic removable cutter with variable speed — adjusts the pasta cutting length;

• forming group for double-sheet dough products: interchangeable shapes, adjustment of sheet thickness and filling quantity;

• automatic winding device for the dough rolls that feed the forming group;

• fan for pre-drying the pasta;

• control panel and electrical cabinet with safety devices to CE standards;

• wheels for moving the machine.

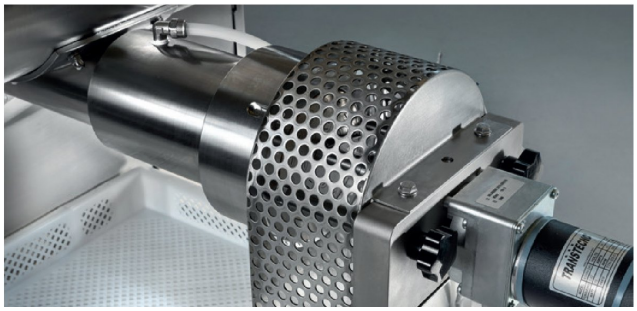
Option: extrusion cylinder cooler connected to the control panel.

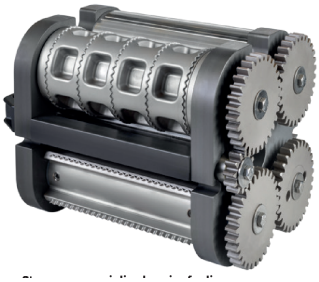
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Technical specifications

Parameter	Value
Output, extruded pasta	40–45 kg/h
Output, double-sheet dough products	60 kg/h
Forming group sheet width	120 mm
Depth / length (P)	1130 mm
Width (L)	1240 mm
Height (H)	1490 mm
Weight	350 kg
Installed power	4 kW
Power supply	380 V / 50 Hz

Main units

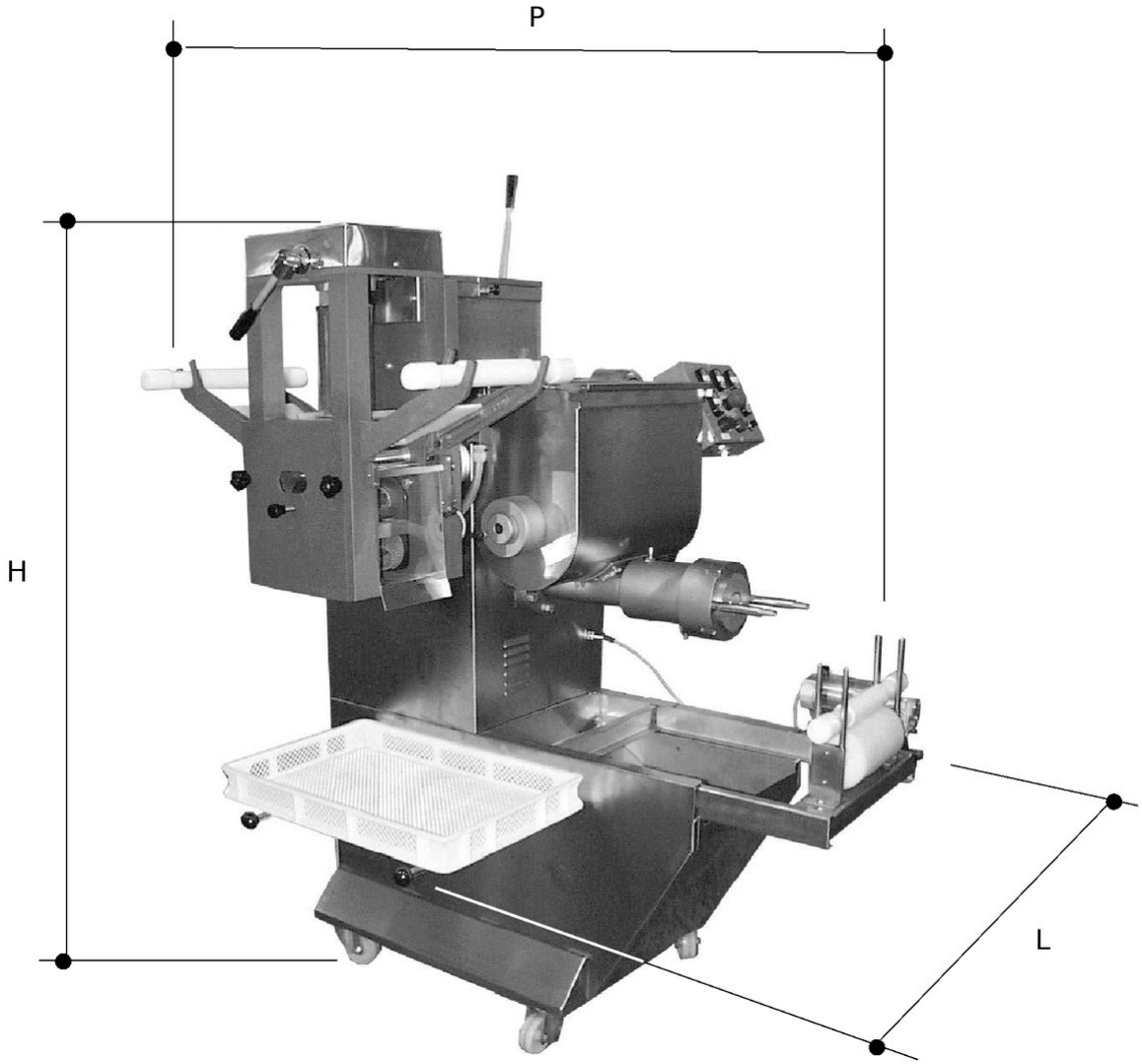




The extrusion unit with a die plate fitted and the forming group for double-sheet dough products — photos from the AL.MA. Srl manufacturer catalogue

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Dimensional drawing



P — depth/length, L — width, H — height; the numerical values are given in the specifications table.

Supply: DDP delivery to the customer’s warehouse anywhere in Ukraine, positioning at the customer’s production site, commissioning, staff training, warranty and post-warranty service, die plates and spare parts. The exact machine configuration, set of die plates and product shapes are selected to order.

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Appendix 1. Catalogue of extruded pasta shapes

AL.MA. Srl catalogue · formats for the PA55R interchangeable die plates

The machine works with interchangeable die plates: each die plate gives a separate product shape. The manufacturer catalogue pages below show the shapes of short and long extruded pasta — spaghetti, tagliatelle, linguine, smooth and ribbed macaroni, gnocchi sardi, fusilli, conchiglie, trecce, casarecce and others. Die plates with custom shapes are made to the customer’s order.

Dimensions and output are indicative and may vary with the type of flour and the machine settings.

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Spaghetti

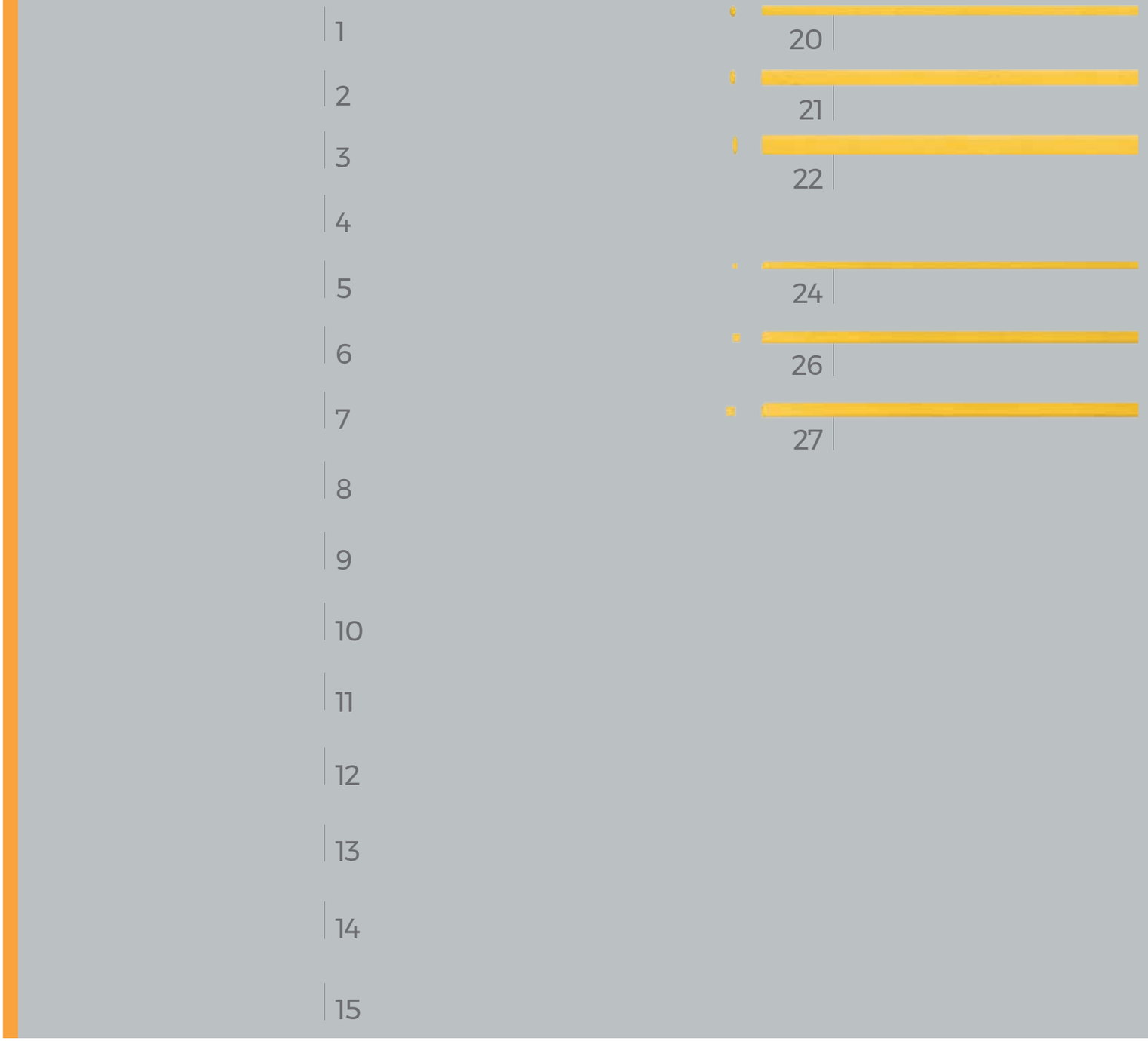
N°	FORMATO *FORMAT*
1	0,6 mm
2	0,7 mm
3	0,8 mm
4	0,9 mm
5	1,1 mm
6	1,3 mm
7	1,5 mm
8	1,7 mm
9	1,9 mm
10	2,1 mm
11	2,3 mm
12	2,5 mm
13	3 mm
14	3,5 mm
15	4 mm

Linguine

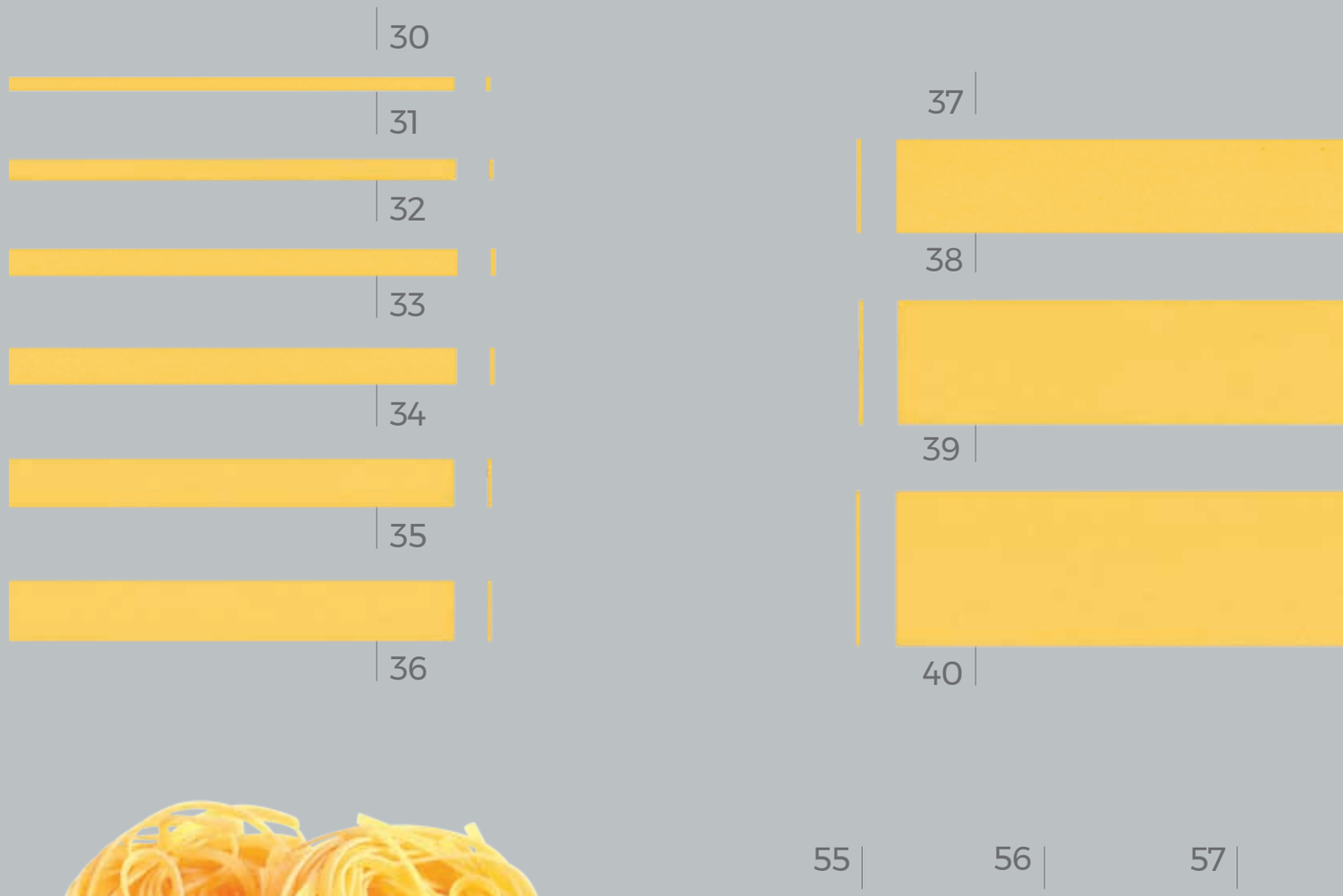
N°	FORMATO *FORMAT*
20	2 x 1,2 mm
21	3 x 1,6 mm
22	4 x 1,6 mm

Spaghetti quadri

N°	FORMATO *FORMAT*
24	2 mm
26	2,5 mm
27	3 mm



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Tagliatelle

N°	FORMATO *FORMAT*
30	1,8 mm
31	2,5 mm
32	3,5 mm
33	4,5 mm
34	6 mm
35	8 mm
36	10 mm
37	12 mm
38	15 mm
39	20 mm
40	25 mm

Tagliatelle ricce Mafaldine

N°	FORMATO *FORMAT*
55	12 mm
56	16 mm
57	20 mm

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Maccheroni lisci

N°	FORMATO *FORMAT*
60	2,5 mm
61	3 mm
62	4 mm
64	8 mm
66	12 mm
67	15 mm
68	20 mm
69	25 mm

Maccheroni rigati

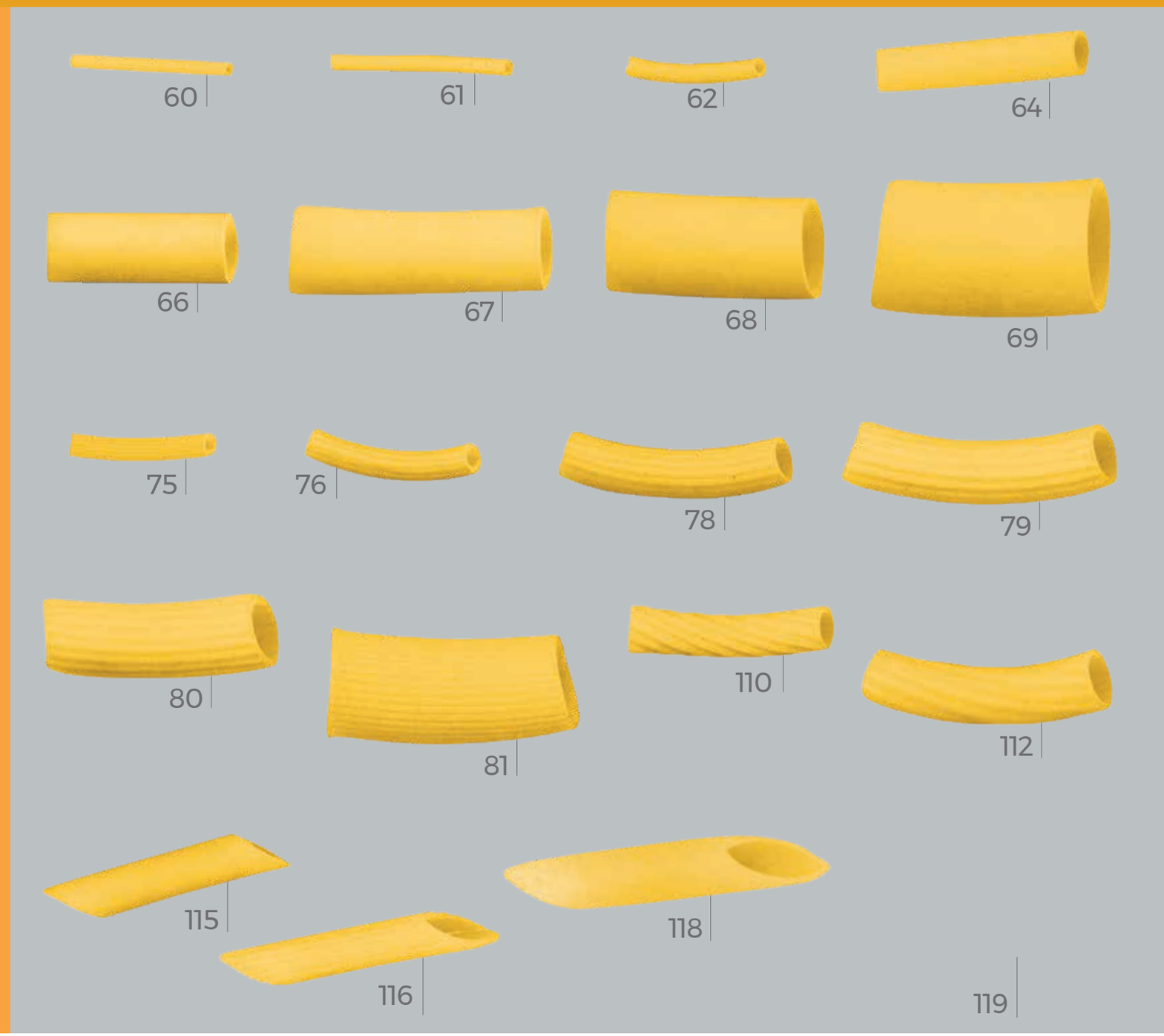
N°	FORMATO *FORMAT*
75	4,8 mm
76	6 mm
78	10 mm
79	12 mm
80	15 mm
81	20 mm

Maccheroni elicoidali

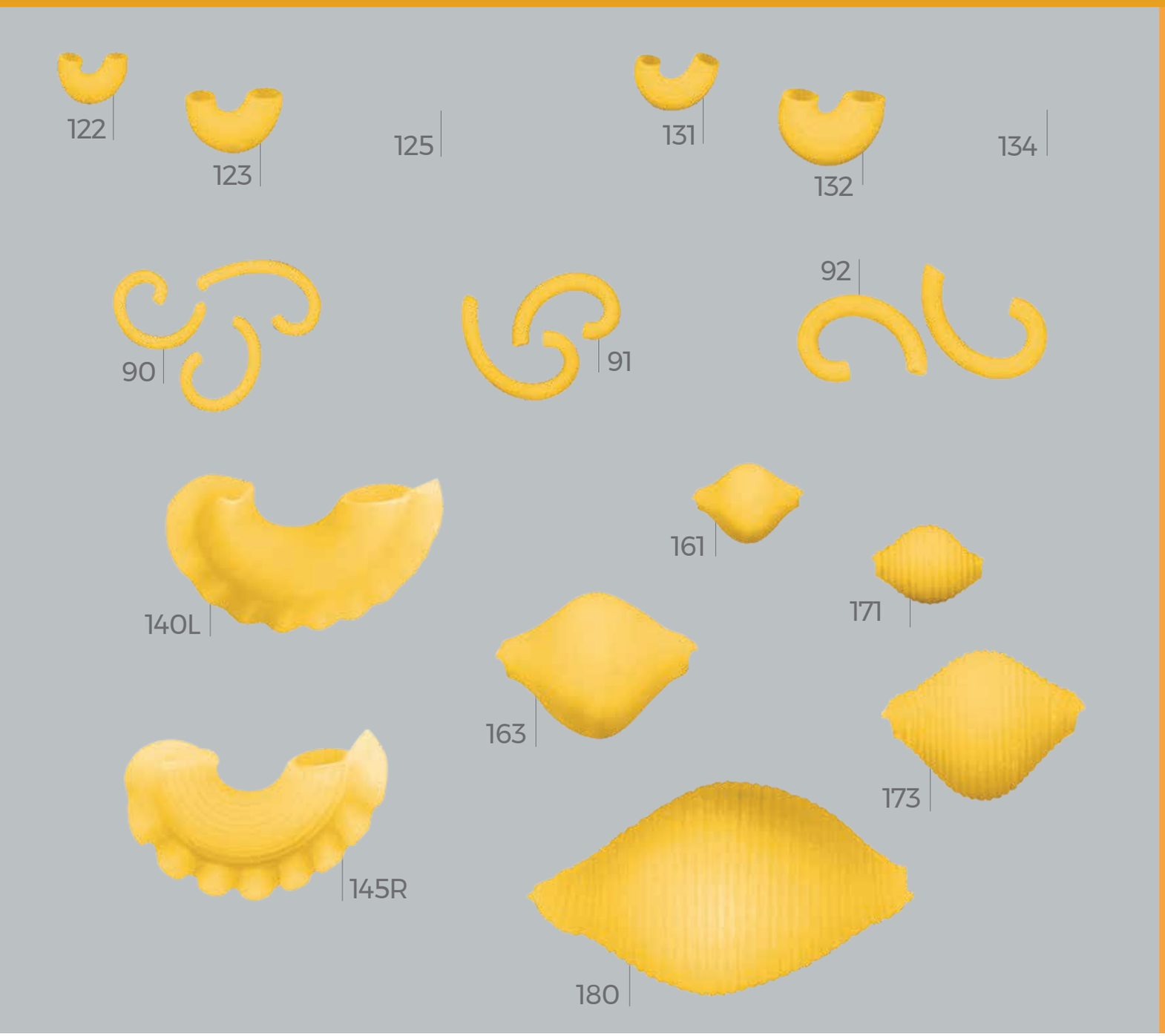
N°	FORMATO *FORMAT*
110	-
112	-

Penne lisce e rigate

N°	FORMATO *FORMAT*
115L	8 mm
116R	8,8 mm
118L	12,5 mm
119R	13,5 mm



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Maccheroni curvi lisci e rigati

N°	FORMATO *FORMAT*
122L	6 mm
123L	7,8 mm
125L	12,5 mm
131R	6,5 mm
132R	8,6 mm
134R	13,5 mm

Gramigne

N°	FORMATO *FORMAT*
90	2,5 mm
91	3 mm
92	4 mm

Creste di gallo

N°	FORMATO *FORMAT*
140L	9,6 mm
145R	10 mm

Conchiglie lisce e rigate

N°	FORMATO *FORMAT*
161	21 mm
163	35 mm
171	21 mm
173	35 mm
180	73 mm

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Gnocchi sardi

N°	FORMATO *FORMAT*
191	19 mm
193	19,5 mm
195	24,5 mm

Radiatori e ruote

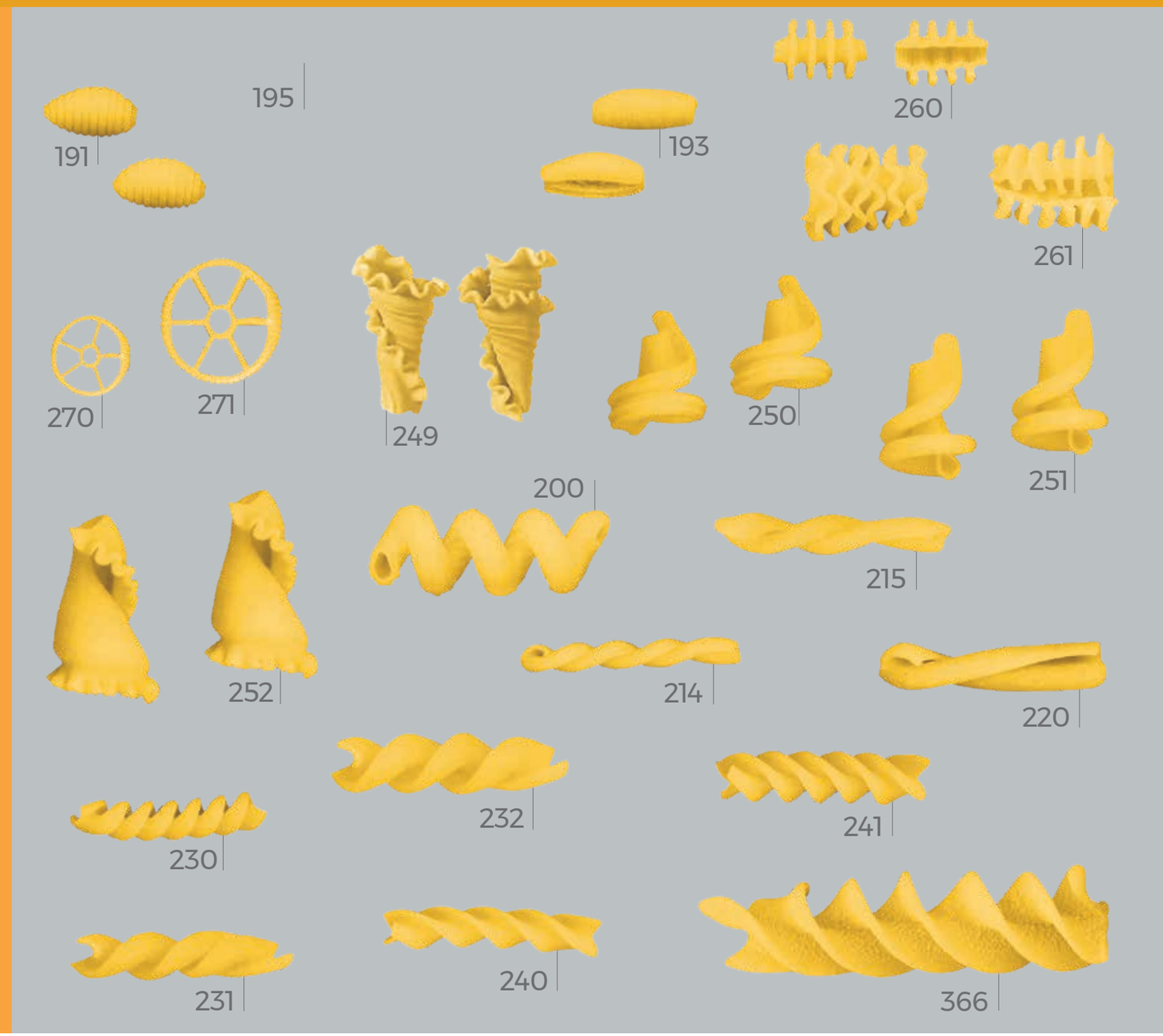
N°	FORMATO *FORMAT*
260	17,5 mm
261	25 mm
270	16,5 mm
271	25,4 mm

Trottole e campanelle

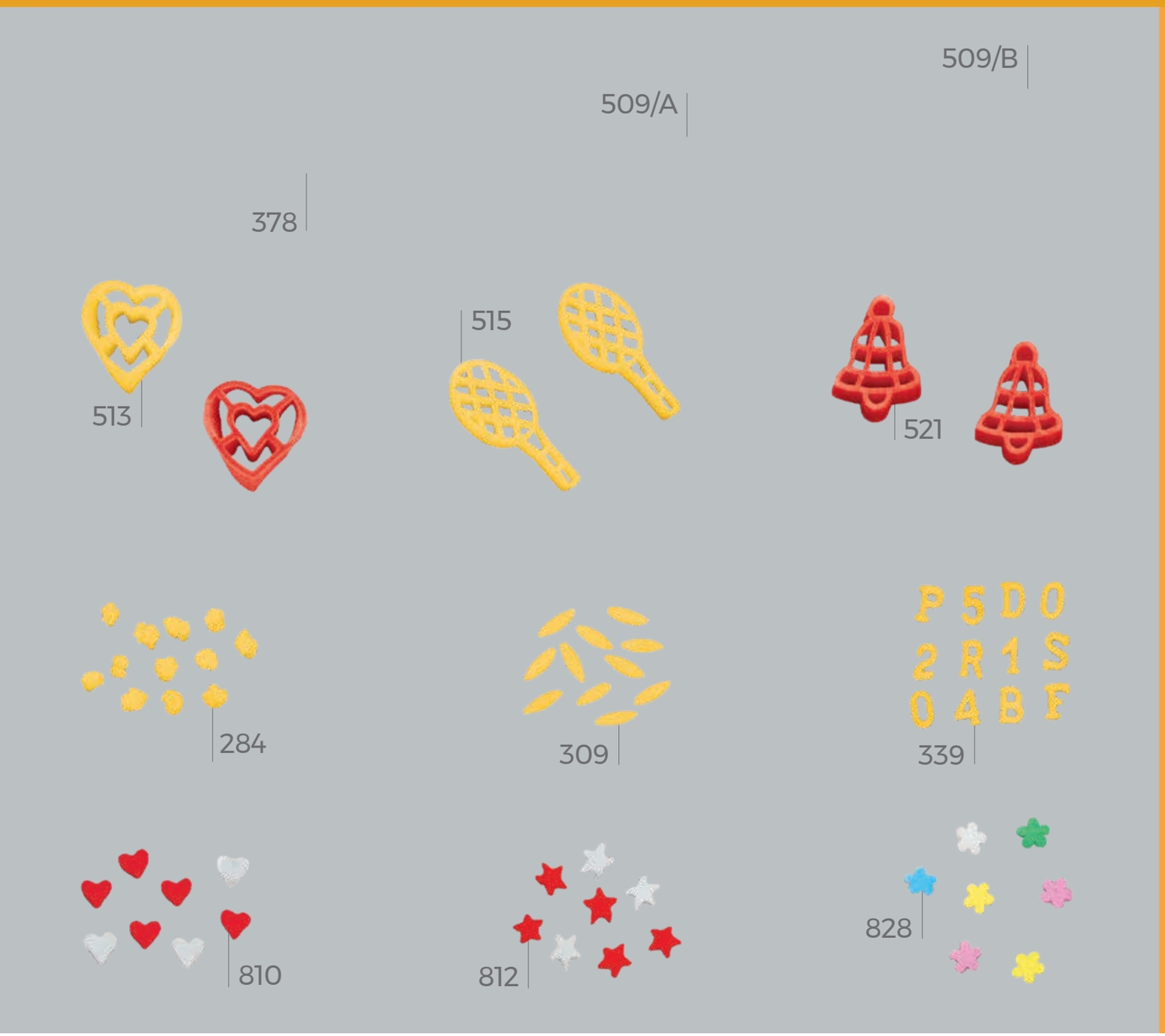
N°	FORMATO *FORMAT*
249	11,4 mm
250	10,4 mm
251	10,4 mm
252	11,4 mm

Amori, trecce e casarecce

N°	FORMATO *FORMAT*
200	7,8 mm
214	6,4 mm
215	8,8 mm
220	8,8 mm



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Fusilli a 2 e 3 principi

N°	FORMATO *FORMAT*
230	7 mm 2P
231	9,8 mm 2P
232	12,6 mm 2P
240	8,4 mm 3P
241	10 mm 3P
366	20 mm 2P

Formati speciali

N°	FORMATO *FORMAT*
378	-
509/A	-
509/B	-
513	-
515	-
521	-

Pastine

N°	FORMATO *FORMAT*
284	-
309	-
339	-
810	-
812	-
828	-

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Appendix 2. Catalogue of double-sheet dough product shapes

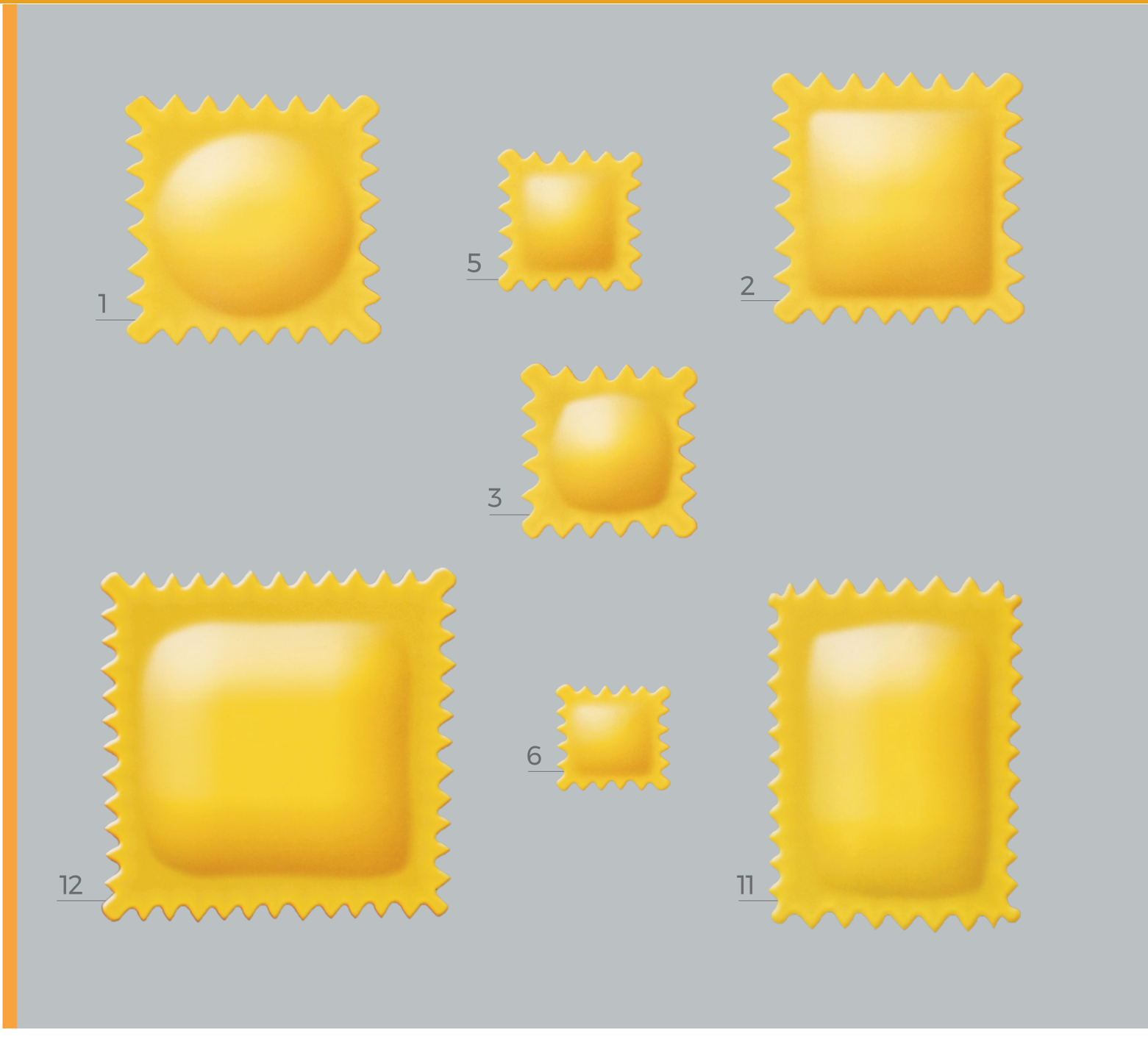
AL.MA. Srl catalogue · dies of the PA55R forming group

The forming group of the machine produces double-sheet dough products — ravioli, varenyky and dumplings — with interchangeable dies. The manufacturer catalogue pages below give the shape and the weight of every product. Dies with custom shapes are made to the customer’s order.

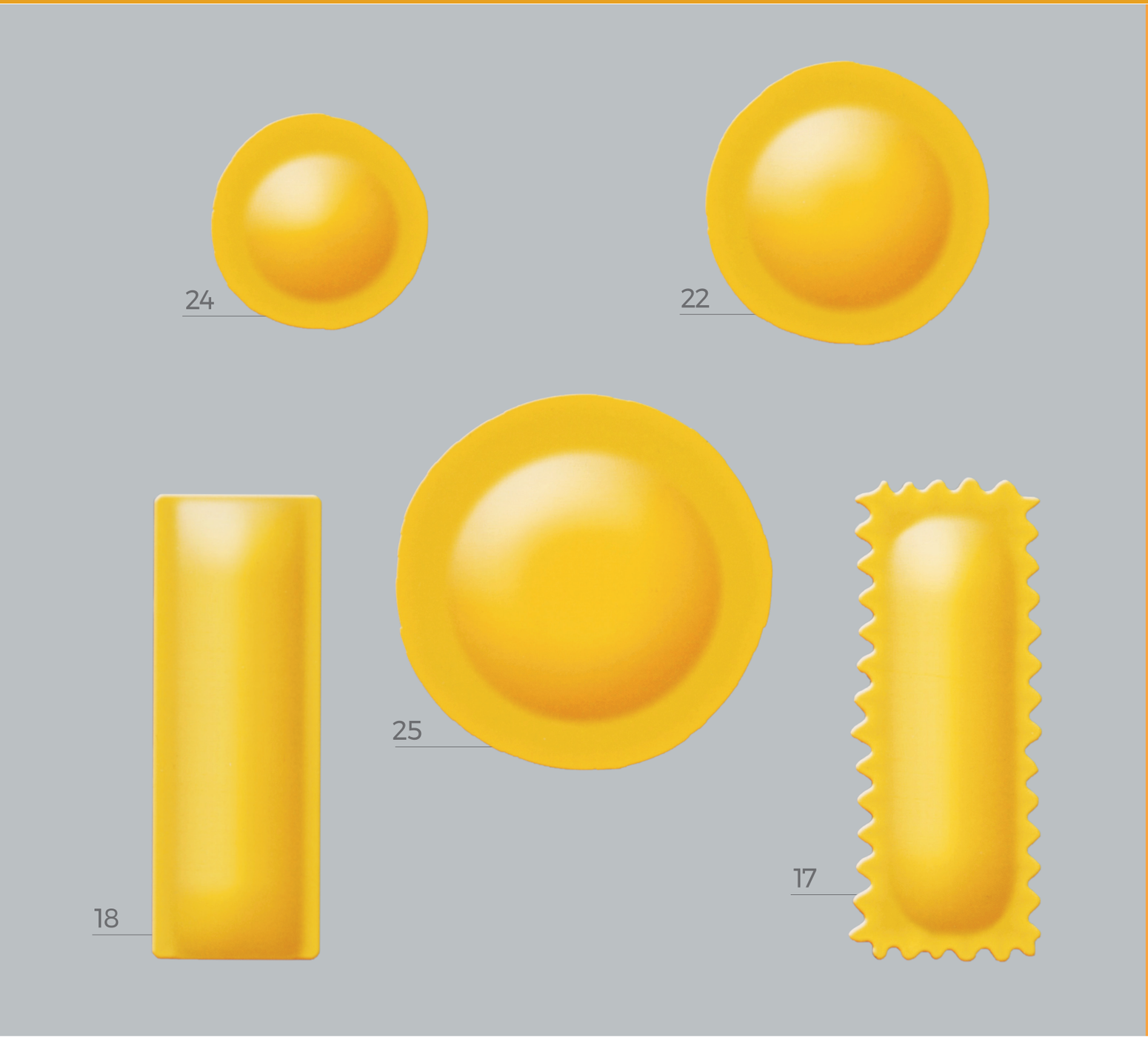
Weight, dimensions and output are indicative and may vary with the dough sheet thickness and the dough-to-filling ratio.

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FORMATO *FORMAT*	PESO gr *WEIGHT gr*
1	13
2	14
3	7
5	3,5
6	2,5
11	17
12	*21*



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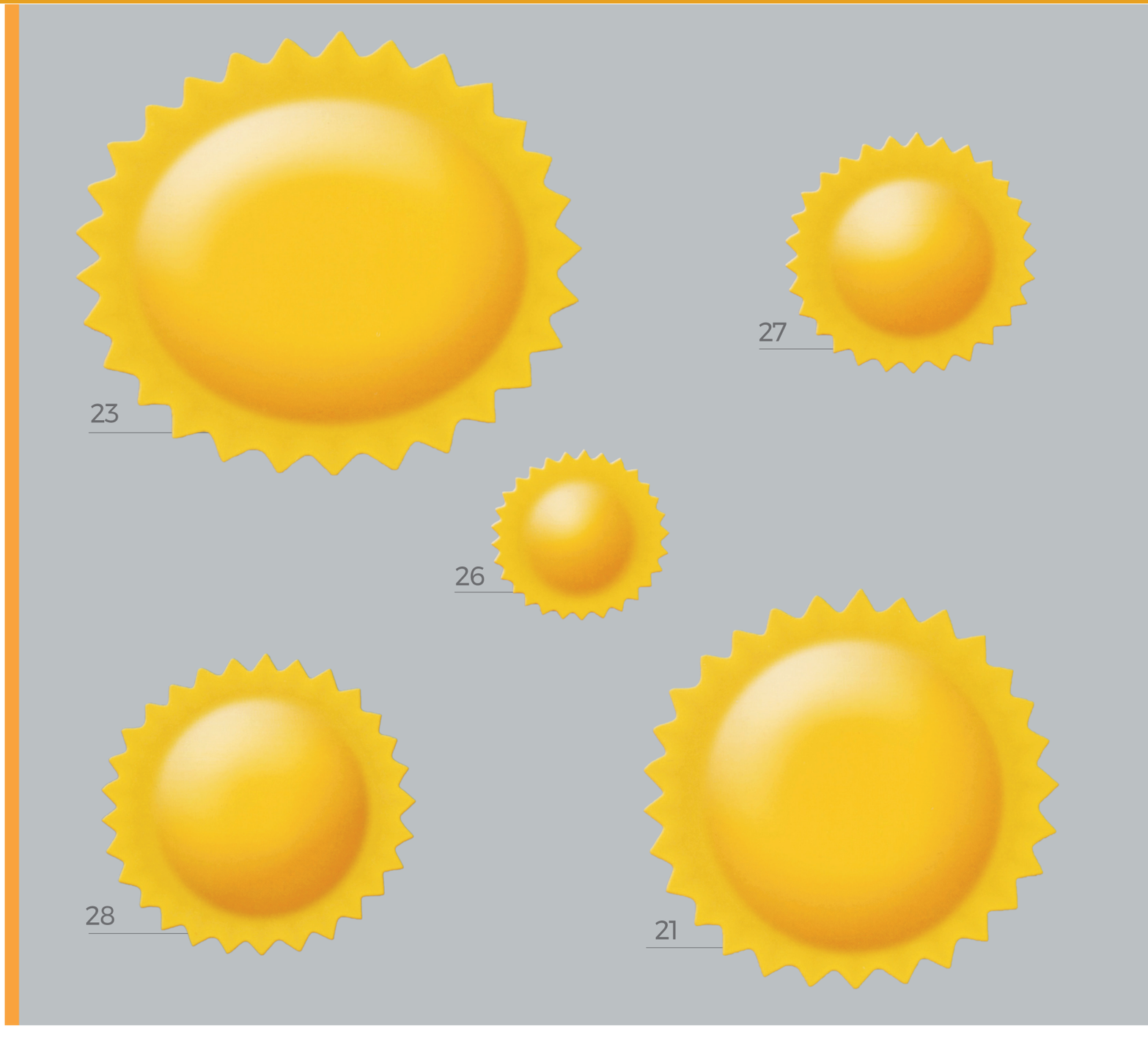
FORMATO *FORMAT*	PESO gr *WEIGHT gr*
17	16
18	16
22	46
24	8
25	28

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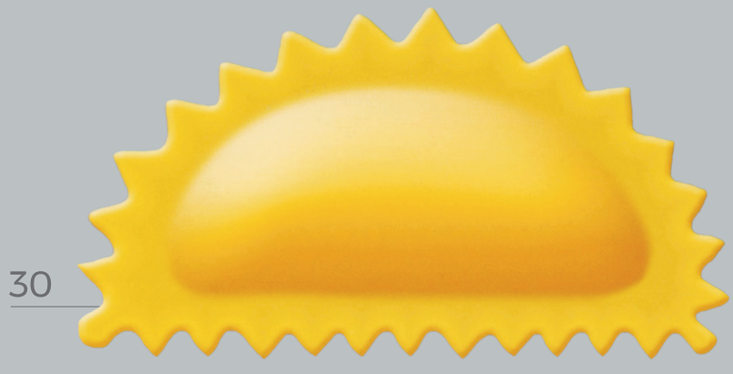
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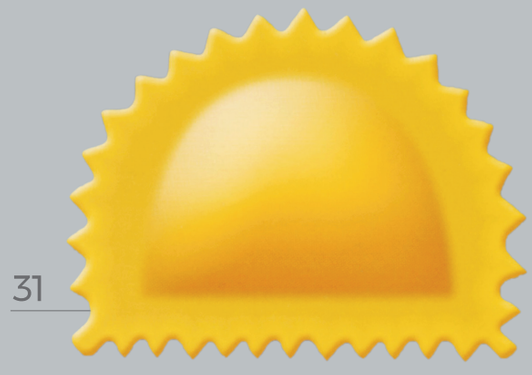
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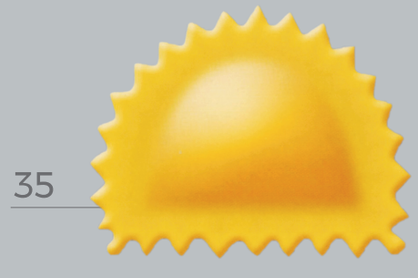
FORMATO *FORMAT*	PESO gr *WEIGHT gr*
21	32
23	50
26	5
27	12
28	18



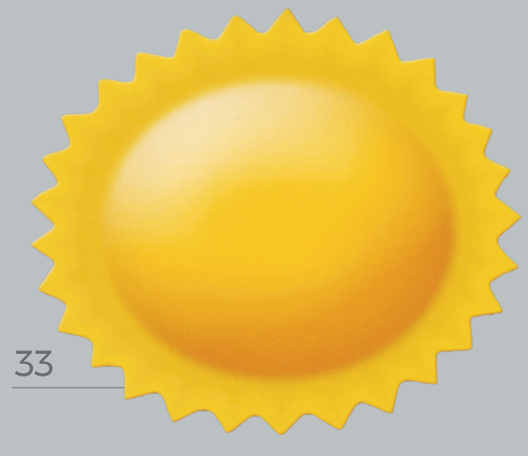
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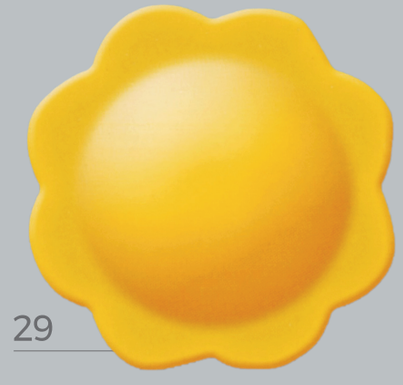
FORMATO *FORMAT*	PESO gr *WEIGHT gr*
30	25
31	20
32	25
33	23
35	8

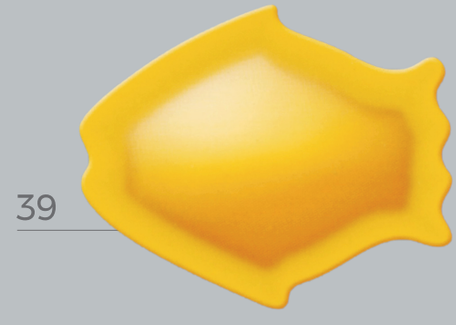
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FORMATO *FORMAT*	PESO gr *WEIGHT gr*
19	13
29	16
39	12
40	14

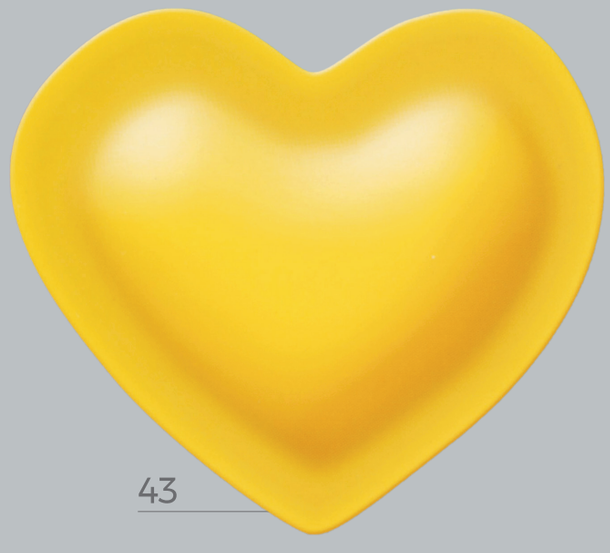

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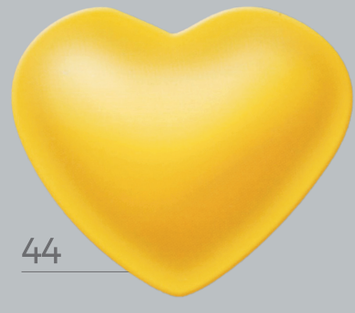

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43


44


48


50

FORMATO *FORMAT*	PESO gr *WEIGHT gr*
43	30
44	12
48	13
50	14

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