



COMPANY  
PRESENTATION

**INTROPLAST**

## OUR VISION

Our aim is to be a modern, prosperous, stable and credible company for our business partners and employees, with a stable position on the market for plastic products.

## OUR MISSION

Our mission is to produce plastic products for our customers, to meet their quality and delivery time requirements, provide advice and technical support.



# ABOUT US & HISTORY

Founded:	2004
Number of Employees:	50
Area:	11,353 m <sup>2</sup>
Production Area:	1,490 m <sup>2</sup>
Area of Warehouses:	2,050 m <sup>2</sup>
Administrative Area:	50 m <sup>2</sup>



- 1964 - Tatrachema company established operations in the manufacture of plastic products
- 1991 - company changed name to Druplast v.d.
- 2000 - new name IMPORTEX s.r.o
- 2004 - company enter into a strong partnership and change name to **Introplast a.s.**
- 2005 - moving to new plant in Senica, starting production on first new injection machine KM 2700
- 2009 - investment to new machines
- 2011 - building of new warehouse
- 2013 - implementation of ISO 9001
- 2014 - starting production on first extrusion line
- 2016 - implemetation of ISO/TS 16949
- 2017 - recertification for IATF 16949



# Technology – Injection moulding machines

Type injection molding

	Clamping force	Max. cake mass	Max. open forms	Min. form height	Max. dimension form	Diameter of centered rings		Screw diameter	Type of Robot
						fixed plate	sliding plate		
	(tons)	(gram)	(mm)	(mm)	(H x L) (mm)	(mm)	(mm)	(mm)	
<b>KRAUSS MAFFEI KM 50-100AX</b>	50	45	550	200	321 x 321	125	125	22	
<b>KRAUSS MAFFEI KM 100-380CX</b>	100	180	600	250	470 x 470	160	125	45	SEPRO SUCCESS 11
<b>KRAUSS MAFFEI KM 160-750CX</b>	160	390	650	300	520 x 520	160	125	50	



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	(tons)	(gram)	(mm)	(mm)	(H x L) (mm)	(mm)	(mm)	(mm)	
<b>HAITIAN MA 3200/1700</b>	320	845	680	250	680 x 680	160	100	60	SEPRO AXESS 33
<b>KRAUSS MAFFEI KM 420-2700C</b>	420	1300	1400	380	800 x 800	200	200	80	SEPRO SR 4030 SE3



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	(tons)	(gram)	(mm)	(mm)	(H x L) (mm)	(mm)	(mm)	(mm)	
<b>SK 630-7400H</b>	630	4090	2000	300	950 x 950	250	250	110	SEPRO VISUAL 4040 S3



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						fixed plate	sliding plate		
	(tons)	(gram)	(mm)	(mm)	(H x L) (mm)	(mm)	(mm)	(mm)	
<b>KRAUSS MAFFEI KM 950-6100</b>	950	3064	1900	300	1400 x 1150	250	250	95	SEPRO SR 4050 S3



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						fixed plate	sliding plate		
	(tons)	(gram)	(mm)	(mm)	(H x L) (mm)	(mm)	(mm)	(mm)	
KRAUSS MAFFEI KM 1300-8100MX	1300	4137	2350	700	1570 x 1270	250	250	105	KUKA KR90 R3700 K PRIME





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						fixed plate	sliding plate		
	(tons)	(gram)	(mm)	(mm)	(H x L) (mm)	(mm)	(mm)	(mm)	
<b>KRAUSS MAFFEI KM 2700-12000MX</b>	2700	6175	3000	900	2100 x 1700	310	310	120	KAWASAKI FS 10L-FD 40



# Technology – Extrusion line



Extruder type

	Screw diameter	length	speed	Power heating cylinder (4 zones)	Performance of external heating zones (3)	Water distributor	Vacuum	Table holder calibrators
<b>Friul Filiere OMEGA S45 25D</b>	45	25D	120	12	4,8	8 zones	16	240 x 4000 mm

# Toolroom

(Outsourced)

Tooling technology:

## Milling machines

	working area
FA 4	800 x 300
FA 3	700 x 300
FN 40	650 x 400 x 400
FNGJ	600 x 400 x 400
FNK25A	800 x 300 x 400

## Grinding machines

BPH 300	1000 x 350 až 550
BRH 200	700 x 300
2UD s nadstavbou	500 x 800
BU - 16	160 x 400 x 500

## Drilling machines

VS 20	400 x 320
VR4A	550 x 550
Micromat 43	405 x 255 / 630 x 400

## Lathes

SN 50	680 x 1250
SU 18RA	300 x 750
SU 18RD	300 x 1000



# Toolroom

(Outsourced)

Tooling technology:

## CNC machining

Mikron 1400	1400 x 650
CNC - MCV - 750	750 x 500

## Cutting machine

Robofil 440 Charmiles CNC	800 x 500 x 440
Robofil 190 Charmiles CNC	250 x 160 x 150

## Excavation machine

Top edm TP 50	400 x 650 x 400
Roboform 4000	450 x 320 x 550

## Harden oven

DK 04 - two chambers	420 x 260 x 600 till 1200 °C
KS 600/25 - one chamber	300 x 300 x 600 till 1200 °C

## 3D measuring machine

Contura G2	7000 x 1000 x 690
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# Used materials

## Materials and Additives

Polycarbonate (PC)

Polystyrene (PS)

Acrylonitrile-Butadiene-Styrene (ABS)

Polypropylene (PP)

Polyethylene (PE)

Polyamide (PA)

Polymethyl Methacrylate (PMMA)

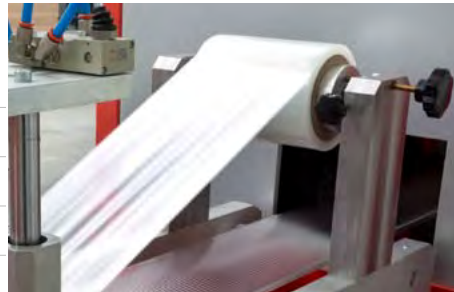
Polyurethane (PU)

Polybutylene Terephthalate (PBT)

Additives

Masterbatch

UV stabilizer





# Sectors

## Lighting



## Automotive



## Electrotechnical



## General Industry



# What we offer?



- Production flexibility
- Wide range of moulding machines
- Experienced staff
- Very good location
- Growing possibility of production plants and warehouses
- Production processes according to ISO standards





THANKS  
FOR  
ATTENTION

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