



**INJECTION PLASTIQUE**

*Turn your ideas into sustainable polymer products...*

**MACHINE LIST**

**TECHNICAL SPECIFICATIONS**



## CLAMPING UNIT

- ☐ Clamping force : 250 tons
- ☐ Distance between tie bars :  
Horiz. x Vertic. (mm) 530x530
- ☐ Ø Tie bars (mm) : 110
- ☐ Platen size, Horiz. x Vertic. (mm) : 810x810
- ☐ Lifting : M24/M30
- ☐ Center (mm) : Ø 150
- ☐ Mold height,(mm) : min : 200, max : 650
- ☐ Mold opening stroke (mm) : 530
- ☐ Ejection, stroke (mm) : 150, Tightening : M20
- ☐ Hydraulic cores : 2

## INJECTION UNIT

- ☐ Volume Max : 700 cm<sup>3</sup>
- ☐ Ø, Screw : 55
- ☐ L/D : 22
- ☐ Pressure, Max : 1785 b.

## ROBOT

- ☐ 3-axis witmann

## INJECTION MACHINE #1 : SANDRETTO 250T





INJECTION MACHINE #2 : FANUC F100

CLAMPING UNIT

- ☐ Clamping force : 125 tons
- ☐ Distance between tie bars : Horiz. x Vertic. (mm) 460x410
- ☐ Ø Tie bars (mm) : 70
- ☐ Platen size, Horiz. x Vertic. (mm) : 660x610
- ☐ Lifting : M20
- ☐ Center (mm) : Ø 125
- ☐ Mold height,(mm) : min : 150, max : 520
- ☐ Mold opening stroke (mm) : 350
- ☐ Ejection, stroke (mm) : 100, Tightening : M20
- ☐ Hydraulic cores : 2

INJECTION UNIT

- ☐ Volume Max : 147 cm<sup>3</sup>
- ☐ Ø, Screw : 36
- ☐ L/D :
- ☐ Pressure, Max : 1900 b.

ROBOT

- ☐ 2-axis Sprue picker





INJECTION MACHINE #3 : FANUC F50T

CLAMPING UNIT

- ☐ Clamping force : 65 tons
- ☐ Distance between tie bars : Horiz. x Vertic. (mm) 360x320
- ☐ Ø Tie bars (mm) : 60
- ☐ Platen size, Horiz. x Vertic. (mm) : 500x470
- ☐ Lifting : M16
- ☐ Center (mm) : Ø 125
- ☐ Mold height,(mm) : min : 150, max : 350
- ☐ Mold opening stroke (mm) : 350
- ☐ Ejection, stroke (mm) : 70, Tightening : M16
- ☐ Hydraulic cores : 2

INJECTION UNIT

- ☐ Volume Max : 76 cm³
- ☐ Ø, Screw : 32
- ☐ L/D :
- ☐ Pressure, Max : 1500 b.

ROBOT

- ☐ 2-axis Sprue picker





INJECTION MACHINE #4 : ARBURG 130T

CLAMPING UNIT

- ☐ Clamping force : 130 tons
- ☐ Distance between tie bars :  
Horiz. x Vertic. (mm) 470x470
- ☐ Ø Tie bars (mm) : 75
- ☐ Platen size, Horiz. x Vertic. (mm) : 660x660
- ☐ Lifting : M20
- ☐ Center (mm) : Ø 125
- ☐ Mold height,(mm) : min: 175, max :850
- ☐ Mold opening stroke (mm) : 575
- ☐ Ejection, stroke (mm) : 175, Tightening:M20
- ☐ Hydraulic cores : 1

INJECTION UNIT

- ☐ Volume Max : 353 cm<sup>3</sup>
- ☐ Ø, Screw : 50
- ☐ L/D : 20
- ☐ Pressure, Max : 2080 b.

ROBOT

- ☐ 3-axis witmann





**INJECTION MACHINE #5 : ARBURG 100T – A420**

**CLAMPING UNIT**

- ☐ Clamping force : 100 tons
- ☐ Distance between tie bars :  
Horiz. x Vertic. (mm) 420x420
- ☐ Ø Tie bars (mm) : 60
- ☐ Platen size, Horiz. x Vertic. (mm) : 580x580
- ☐ Lifting : M20
- ☐ Center (mm) : Ø 125
- ☐ Mold height,(mm) : min: 150, max : 750
- ☐ Mold opening stroke (mm) : 500
- ☐ Ejection, stroke (mm) : 175, Tightening : M20
- ☐ Hydraulic cores : 1

**INJECTION UNIT**

- ☐ Volume Max : 144 cm<sup>3</sup>
- ☐ Ø, Screw : 35
- ☐ L/D :
- ☐ Pressure, Max : 2000 b.

**ROBOT**

- ☐ 3-axis Witmann





**INJECTION MACHINE #6 : ARBURG 50T – A322**

## CLAMPING UNIT

- ☐ Clamping force : 50 tons
- ☐ Distance between tie bars :  
Horiz. x Vertic. (mm) 320x320
- ☐ Ø Tie bars (mm) : 45
- ☐ Platen size, Horiz. x Vertic. (mm) : 400x400
- ☐ Lifting : M16
- ☐ Center (mm) : Ø 125
- ☐ Mold height,(mm) : min: 128, max : 575
- ☐ Mold opening stroke (mm) : 350
- ☐ Ejection, stroke (mm) : 125
- ☐ Hydraulic cores : 1

## INJECTION UNIT

- ☐ Volume Max : 78 cm<sup>3</sup>
- ☐ Ø, Screw : 30
- ☐ L/D : 20
- ☐ Pressure, Max : 2210 b.

## ROBOT

- ☐ 2-axis Sprue picker





**INJECTION MACHINE #7 : ARBURG 50T – A321**

**CLAMPING UNIT**

- ☐ Clamping force : 50 tons
- ☐ Distance between tie bars :  
Horiz. x Vertic. (mm) 320x320
- ☐ Ø Tie bars (mm) : 45
- ☐ Platen size, Horiz. x Vertic. (mm) : 455x466
- ☐ Lifting : M16
- ☐ Center (mm) : Ø 125
- ☐ Mold height,(mm) : min: 200, max : 550
- ☐ Mold opening stroke (mm) : 350
- ☐ Ejection, stroke (mm) : 125, Tightening.M16
- ☐ Hydraulic cores : 1

**INJECTION UNIT**

- ☐ Volume Max : 59 cm<sup>3</sup>
- ☐ Ø, Screw : 25
- ☐ L/D :
- ☐ Pressure, Max : 2500 b.

**ROBOT**

- ☐ 2-axis Sprue picker





**INJECTION MACHINE #8 : ARBURG 4 POSITION – A370**

## CLAMPING UNIT

<input type="checkbox"/> Clamping force :	50 tons
<input type="checkbox"/> Distance between tie bars : Horiz. x Vertic. (mm)	370x370
<input type="checkbox"/> Ø Tie bars (mm) :	0.00
<input type="checkbox"/> Platen size, Horiz. x Vertic. (mm) :	510x510
<input type="checkbox"/> Lifting :	M16
<input type="checkbox"/> Center (mm) :	Ø 125
<input type="checkbox"/> Mold height,(mm) :	min: 200, max : 600
<input type="checkbox"/> Mold opening stroke (mm) :	400
<input type="checkbox"/> Ejection, stroke (mm) :	125, Tightening.M16
<input type="checkbox"/> Hydraulic cores :	1

## INJECTION UNIT

<input type="checkbox"/> Volume Max :	49 cm <sup>3</sup>
<input type="checkbox"/> Ø, Screw :	25
<input type="checkbox"/> L/D :	20
<input type="checkbox"/> Pressure, Max :	2000 b.

## ROBOT

- ☐ 2-axis Sprue picker





3D PRINTING MACHINE #1 : SLS PRINTER

CHARACTERISTICS

- ☐ Build cylinder height (mm) 400
- ☐ Build cylinder diameter (mm) 160
- ☐ Build cylinder volume (Litre) 8



MATERIALS

- ☐ PA 11 and PA 12

PARTS EXAMPLES





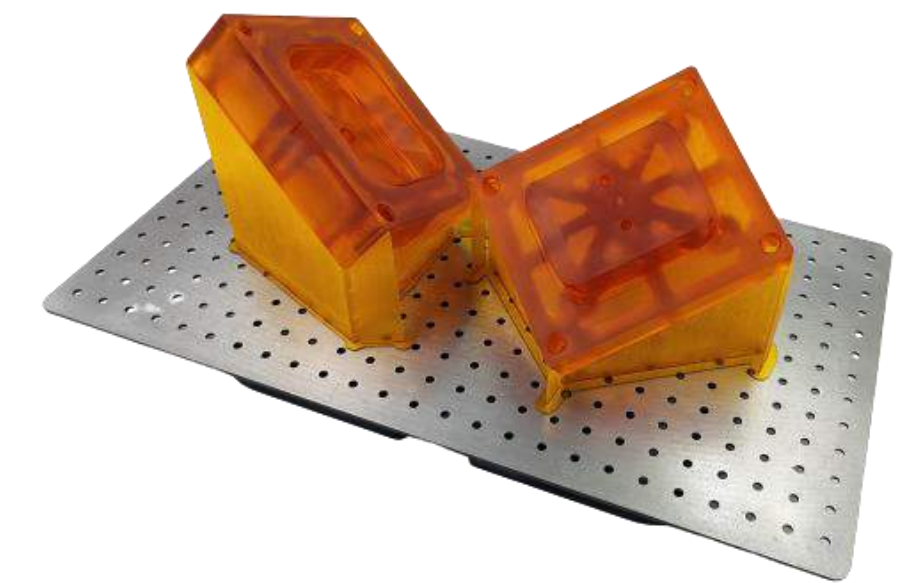
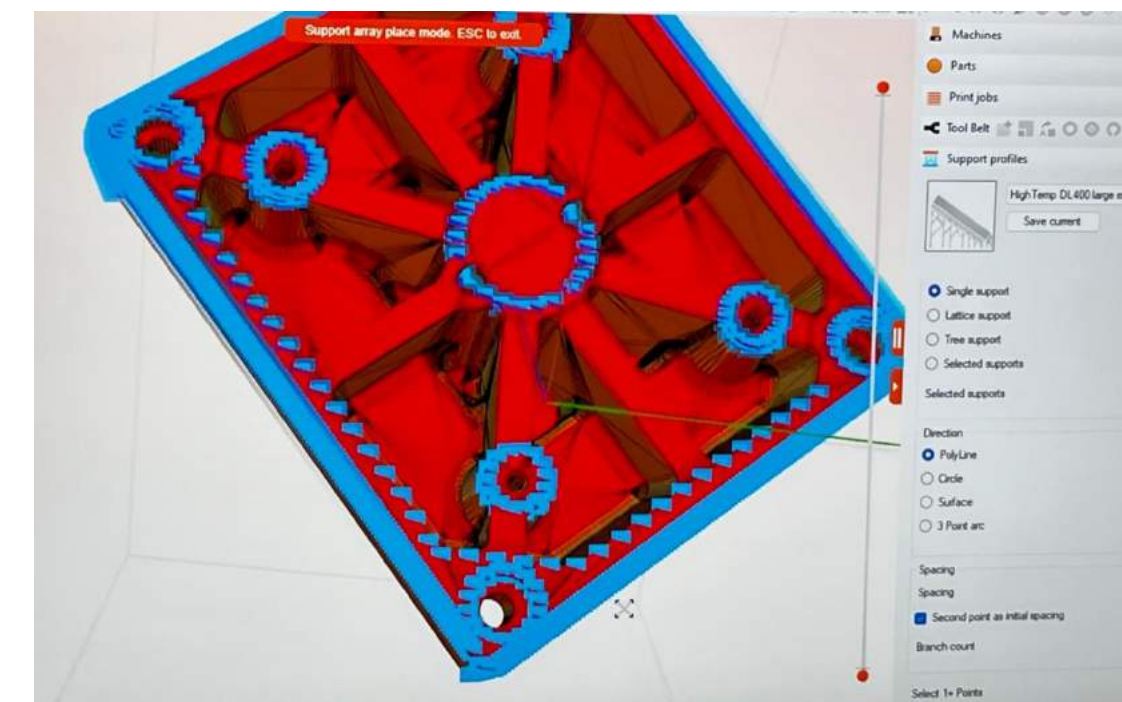
## CHARACTERISTICS

- ❑ Build volume (mm) : 510 x 280 x 350
- ❑ Print layer thickness ( $\mu\text{m}$ ) : 25, 50, 100 and 350

## MATERIALS

- ❑ Daylight resins

## EXAMPLES



## 3D PRINTING MACHINE #2 : LCD PRINTER





# Contact Us



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