

# HoliMaker

Plastic injection finally becomes accessible



## HoliPress

*The perfect manual injection molding machine for your projects of :*

**Prototyping**  
**Material testing**  
**Recycling**

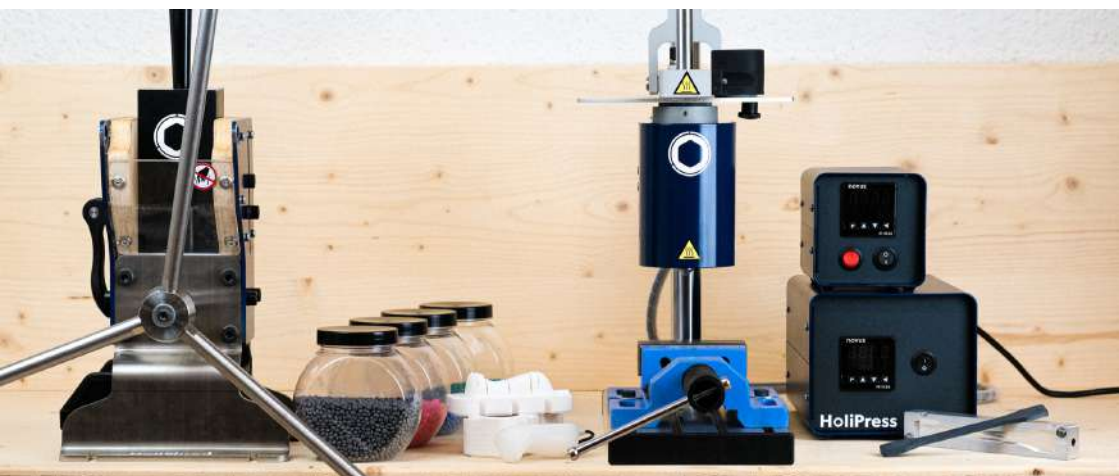
Made in France  
CE certified

Version 12/2023

## Technical characteristics of HoliPress :

	HoliPress 16	HoliPress 38
> Piston diameter :	16 mm	18 mm
> Maximum injectable volume :	<b>16 cm<sup>3</sup></b>	<b>38 cm<sup>3</sup></b>
> Operating temperature :	<b>Max 320°C</b>	<b>Max 320°C</b>
> Injection pressure at the end of the piston :	50 à 100 bars	Max 87 bars
> Closing of the molds :	Vice / Screw / Clamp Hydraulic mold clamping system	Vice / Screw / Clamp Hydraulic mold clamping system
> Holding pressure :	Manual	Manual
> Injection speed :	2 to 10 seconds	2 to 10 seconds
> Molds thickness (min-max) :	10 to 200 mm	10 to 200 mm
> Molds materials :	Machined metals, SLA, FDM	Machined metals, SLA, FDM
> Adjustable nozzle height :	From 0 to 190 mm	From 0 to 190 mm
> Production rate :	From 15 to 180 parts/h	From 15 to 180 parts/h
> Electrical power :	<b>400W – 220V</b>	<b>860W – 220V</b>
> Type of thermal regulation :	PID	PID
> Weight of the basic pack :	28 kg	42 kg
> CE Certification :	Yes	Yes
> Warranty period :	12 months	12 months

*\*Available soon*



## HoliPress the manual plastic injection molding machines

> HoliPress allows you to realize your production of plastic parts by manual injection using industrial raw materials

> Produce high quality functional prototypes and small batch plastic parts in record time with HoliPress, our industrial grade manual plastic injection molding machines.



# HoliPress 38 Starter-Pack : Large volume injection molding machine

Ref: HPPACK

Price before tax: 5 980 €

## Content of the HoliPress 38 Starter-Pack

- > HoliPress 38
- > Triple output temperature control unit
- > Clamping vice
- > 1 heated 5 mm shut-off nozzle
- > Machined aluminium test mould
- > 1 bag of recycled black PP granules
- > 1 bag of food-grade natural PP granules
- > Cleaning and maintenance accessories
- > E.P. I (1 pair of goggles + 1 pair of gloves)
- > Operating instructions



Triple output  
temperature  
management  
box



Clamping vice



5 mm heated shut-off  
nozzle



Spinner test mold



Cleaning brush



Safety glasses



Pair of thermal  
gloves



Cutting pliers



Granules bags

# HoliPress 16 Starter-Pack : produce your plastic injection parts independently

Ref: HPPACK  
Price before tax: 2 780 €

## Content of the HoliPress 16 Starter-Pack

- > HoliPress 16
- > Temperature management box
- > Clamping vice
- > 3 mm shut-off nozzle + purge block
- > 3 mm standard nozzle
- > Machined aluminum spinner test mold
- > 1 bag of PP Black recycled granules
- > 1 bag of natural food grade PP granules
- > Cleaning and maintenance accessories
- > Individual protective equipment  
(1 pair of glasses + 1 pair of gloves)
- > Instruction manual



Temperature  
management  
box



Clamping vice



3 mm shut-off nozzle  
3 mm standard nozzle  
Purge block



Spinner test mold



Cleaning brush



Safety glasses



Pair of thermal  
gloves



Cutting pliers



Granules bags

# HoliPress 16 Material Test Pack : the complete solution to characterize your plastics

Ref: HPTPACK  
Price before tax: 4 340 €

## Content of the HoliPress 16 Material Test Pack

- > 1 HoliPress 16 Starter-Kit
- > 1 Preheating system for machined molds
- > 5 mm shut-off nozzle + purge block
- > 5 mm standard nozzle
- > Machined mold for tensile test specimen
- > Machined mold for rheology test specimen
- > 1 Machined mold for staircase test



Preheating system for  
machined molds



Staircase mold



Mold for rheology  
specimen



5 mm shut-off nozzle  
5 mm standard nozzle  
Purge block



Tensile test mold

## HoliShred: the manual plastic shredder made in France

Ref: HS

Price before tax: 880 €

> HoliShred is an innovative tool that allows to grind plastic materials in the form of flakes in order to insert them in the HoliPress.

> HoliShred is equipped with a pusher to block the plastic waste and ensure safety by obstructing access to the blades needed for grinding.

> HoliShred is also equipped with a collection tray for the shredded plastic flakes.

> Finally, HoliShred is equipped with 3 sturdy levers that make it easy to shred plastic waste.



## HoliDesk : Robust furniture for optimal use of HoliMaker products

Ref: HD

Price before tax : 500 €

> HoliDesk is a cabinet adapted by our technicians to hold HoliShred and HoliPress.

> HoliDesk is designed to accommodate the smoke filter system.

> HoliDesk has 3 sockets with switches and a thick wooden tray.

*Dimensions : HD*

*73 cm (L) x 70 cm (W) x 89 cm (H)*

*Weight : 48 kg*



## HoliCase : the flight case dedicated to the transport of HoliMaker products

Ref: HC

Price before tax : 1200 €



> HoliCase is a flight case adapted and reinforced by our technicians.

> HoliCase is equipped with wheels in order to facilitate the transport of HoliMaker products on events such as interventions in schools or on exhibitions.

> HoliCase allows to fix the manual injection molding machine HoliPress and the manual plastic grinder HoliShred.

> HoliCase also allows to store injection molds and the various other HoliMaker modules and accessories.

*Dimensions :*

*92 cm (L) x 62 cm (W) x 96 cm (H)*

*Weight : 45 kg*

## Preheating system for injection mold and nozzle

Ref: HPC08

Price before tax : 480 €

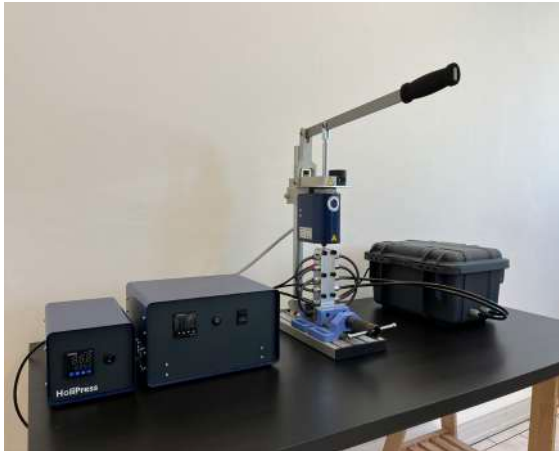
- > The preheating system for injection molds allows to maintain the machined aluminum molds at the desired temperature.
- > With this system, you will be able to inject your thin-walled parts and technical materials more easily.
- > This preheating system supplies up to 2 x 65W heating cartridges (included).



## Thermal control system for injection molds

Réf: HPC05

Price before tax : 1 500 €



- > The Injection Mold Temperature Control System is a system consisting of a high performance temperature control box that can power up to 6 x 65W waterproof cartridge heaters (included).
- > This system is also equipped with a water cooling system that allows the qualitative injection of your technical parts as well as the acceleration of your injection rate.



## Shut-off nozzles, standard nozzle & purge block

> As HoliPress is a vertical press, in order to keep the plastic within its heating chamber and to allow it to be plasticized efficiently, the shut-off nozzle is fitted as standard on HoliPress.

> The purge block, supplied with the shut-off nozzle, allows you to purge the remaining plastic in HoliPress.

> The standard nozzle can be used to inject high viscosity plastics..

*Available nozzle diameters:*

*3 mm / 5 mm*

*Nozzles can be ordered individually.*

*Other sizes on request.*

**Ref: HPM013**

Price before tax : 280 €



Purge Block

Shut-off nozzle 3 mm

Standard nozzle 3 mm

**Ref: HPM014**

Price before tax : 280 €



Purge Block

Shut-off nozzle 5 mm

Standard nozzle 5 mm

## Heated 5 mm shut-off nozzle

> Stainless steel shut-off nozzle heated by 1 x 24V cartridge heater.

> This nozzle is ideal for injecting fast-cooling plastics (e.g. Polyamide, Polyester).

> The nozzle can be used with the thermal control system or with the injection mold preheating system.

**Réf: HPM019**

Price before tax : 380 €



5 mm shut-off nozzle - side vue



5 mm shut-off nozzle - bottom view

## Tensile specimen mold

> Standard machined aluminum mold for injecting tensile specimens according to ISO527-2 type 1B.

**Ref: HPC010**

Price before tax : 180 €



## Rheology specimen mold

> Machined aluminum mold allowing the injection of specimens to perform rheology tests.

*Dimensions :*  
30 mm / 2 mm

**Ref: HPC012**

Price before tax : 450 €



## Staircase mold

> Machined aluminum mold allowing the injection of staircase specimens to perform thickness tests and customer samples.

**Ref: HPC040**

Price before tax : 450 €



## Custom spinner mold

> Machined aluminum mold allowing the injection of spinning tops with personalized text.



Ref: HPA07

Price before tax : 240 €

## Personalized ruler mold

> Aluminum machined ruler mold 15 cm customizable with 3D resin inserts.



Ref: HPA08

Price before tax : 760 €

## Customized bottle opener mold

> Machined aluminum mold allowing injection of personalized bottle openers.



Ref: HPC043

Price before tax : 400 €

## Aluminium reinforcements fo 3D printing molds



HPC02 : 100 mm / 60 mm / 30 mm



HPC03 : 60 mm / 60 mm / 30 mm

**Réf: HPC02**

Price before tax : 350 €

**Réf: HPC03**

Price before tax : 120 €

> HoliPress' flexibility enables it to use a multitude of moldmaking technologies. HoliMaker machined aluminum reinforcements hold and consolidate 3D-printed molds.

Available sizes :  
100 mm / 60 mm / 30 mm  
60 mm / 60 mm / 30 mm

## Fume filtration system

> The smoke filtration system allows you to carry out your injections in complete safety.

> This system is composed of a vacuum cleaner, a flexible arm, and a collection nozzle which allows to collect the fumes as close as possible to HoliPress.

> This fume filtration system is equipped with a specific filter for particles and gases from the plastics industry.

**Ref: HPC04**

Price before tax : 1 450 €



## 20 liter oven



**Ref: HPC07**

Price before tax : 1 057 €

> The 20-liter oven is used to dry the material granules before they are injected into HoliPress in order to prevent moisture from appearing on the parts produced. Its capacity is 20 liters. It is equipped with a microprocessor-based temperature control system, a self-adjusting PID and a motorized hot air circulation.

## Granules assortment 4 x 0,25kg

> Assortment of pellets for testing the injection with HoliPress.

Ref: HPC020

Price before tax : 32 €

## Food grade PP granules 0,5kg

> ISPLEN BP180 G2M polypropylene granules  
> Suitable for food contact  
> Natural white

Ref: HPC021

Price before tax : 9,50 €

## Regenerated PP granules 0,5kg

> Regenerated PolyPropylene granules  
> Black

Ref: HPC022

Price before tax : 7 €

## POM granules 0,5kg

> Ultra Poly POM 9 granules  
> Natural white

Ref: HPC023

Price before tax : 14,50 €

## PA6 granules with 15% FV

> DOMAMID 6G15 PA6 granules  
> Natural white

Ref: HPC024

Price before tax : 14,50 €

## SEBS shore 45A granules 0,5kg

> SEB flexible granules shore 45A  
> Natural white

Ref: HPC025

Price before tax : 12,50 €

## SEBS shore 90A granules 0,5kg

> SEBS flexible shore 90A granules  
> Recycled industrial material  
> Ensoft SO-161-90A  
> Black and white

Ref: HPC026

Price before tax : 12,50 €

## Pair of thermal gloves

> Pair of gloves coated with nitrile on a para-aramid fiber base.  
Available sizes : 7 / 9



Ref: HPA04

Price before tax : 25 €

## Cleaning brush

> Twisted steel and brass fiber cleaning brush.



Ref: HPA06

Price before tax : 20 €

## Protective glasses

> Safety glasses to be worn when using HoliMaker products.



Ref: HPA09

Price before tax : 8 €

## Feasibility study

**Ref: HMS04**

Price before tax : On request

> This service is for any company that wants to know if their parts can be injected with HoliPress.

> The feasibility study includes the design of a test mold, the 3D printing of a Formlabs resin mold, the injection test in the desired material and finally the sending of the realized parts.



## Material test

**Ref: HMS07**

Price before tax : On request



> This service is intended for any company which wonders if its material can be injected with HoliPress.

> The material test includes the injection of a staircase test piece into a machined aluminum mold and a tensile test piece into a machined aluminum mold. The injected parts are delivered to the customer with a complete and detailed report of the results of the tests performed by our technicians.

## Prototyping

> High quality parts, quickly and at low prices. Reduce costs, prototype faster and bring better products to market with HoliPress, designed to produce beautiful final parts for a wide range of applications.



## Material testing

> Test your imagined and designed solutions with the right materials. HoliPress allows plastic manufacturers to test their industrial feedstock (graules) and modify their composition quickly.



## Recycling

> Make your recycled plastic parts easy with HoliMaker recycling solutions. Recycle your 3D printing scrap or production parts with the HoliShred.

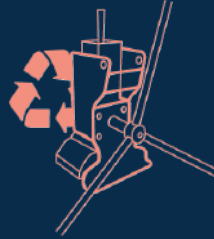




Prototyping



Material testing



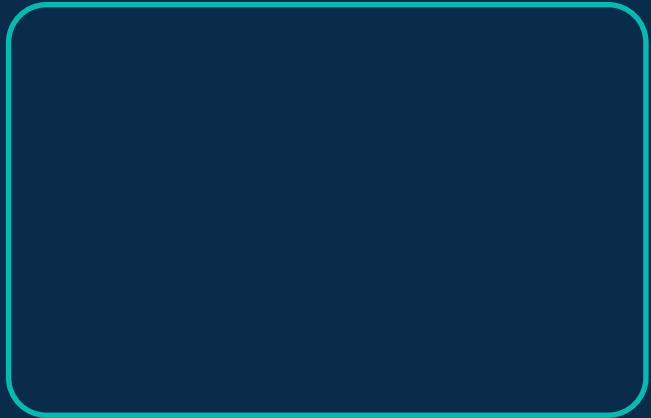
Recycling



Small series

## HoliMaker

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HoliMaker also accompanies you in your projects :

HoliMaker offers you training in 3D design of plastic injection molds with HoliPress as well as training in the design of parts for injection. HoliMaker also offers a production service for small series of injected parts before mass production.