

WORLD'S FIRST AUTOMATIC DESKTOP INJECTION MOLDING MACHINE

WHAT IS APSX-PIM?

Small Size without the Compromise - a real injection machine without the typical compromises of desktop injection presses.

The APSX-PIM is an automated injection molding machine and has the ability to make production quality plastic parts since 2017.

WHAT DOES THE APSX-PIM SOLVE?

The APSX-PIM that makes plastic injection molding affordable and easy for all. The APSX-PIM is an alternative to the traditionally expensive, overpowered and large injection molding machines used for production, R&D, prototyping, education. It is a perfect recipe for sustainable manufacturing.

WHY USE APSX-PIM?

Wide range of Thermoplastic resins including Bioplastics. Compact size 48 in x 12 in. Cost effective tooling with an available 6 in x 4.7 in x 3.6 in full function aluminum Mold Base. Easily accepts 3D Printed Molds.

PCS COMPANY

Turn To The Industry Experts

APSX-PIM Injection Machine
Desktop Size

APSX-PIM
INJECTION MACHINE



YOU HAVE A PART TO MAKE

Make it yourself
**APSX Machines*

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APSX-PIM SPECIFICATIONS

KEY FEATURES

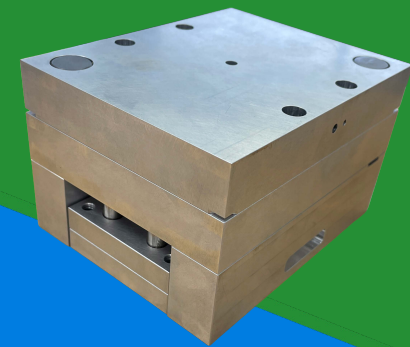
Compact design (4 ft by 1 ft footprint)
Strong body structure with stainless steel,
hard anodized aluminum, and bronze parts
All electric and no water-coolant system
Full automatic (AUTO EJECTION)
Electronic temperature control system
User touch screen for operational control

APSX-PKR PART PICKER

For the right geometries, it removes parts cleanly so production becomes simpler, more reliable, and more cost-effective. We provide a cost-effective entry into the world of process automation. The picker reaches from the back side into the mold area and grabs the sprue until the part separates from the mold. Subsequent separation and other manual handling tasks are completely eliminated, allowing for more economical production.

KEY SPECS

Injection Volume: 1.83 cu-in (30 cu-cm) Max
Temperature: 626 F (330 C)
Mold Size: 4.8" X 6.0" (12.19 cm X 15.24 cm)
Machine Dimensions:
43" X 10" X 15" (109 X 25 X 38 cm)
Tie Bar Top Clearance: 5" (12.7 cm)
Power Supply: 115V or 230V
Max Heating Power: 1250W
Warranty: 1 year
Materials:
Acetal, ABS, PC/ABS, Nylon, Polypropylene (PP), Polyethylene (PE), Thermoplastic Polyolefin (TPO), Thermoplastic elastomers (TPE) and others.



As the leading supplier of American manufactured Mold Bases. PCS Company collaborated with APSX to design and exclusively Manufacture a Production ready Mold Base integrated to the unique APSX-PIM specifications.

INSTALLATION?

The start up process is very simple: The machine is already pre-assembled. Open the crate, place the APSX-PIM on a desk or stand, plug it to power and start using.

Content of the crate:

- APSX-PIM Injection Machine
- Tablet PC
- Test mold (installed)
- 2 lbs of PP pellets
- APSX INJECTION software (installed)

AT AVERAGE 1 MINUTE CYCLE TIME

The average cycle time is between 45 secs to 90 secs depending on the plastic and the part characteristics.