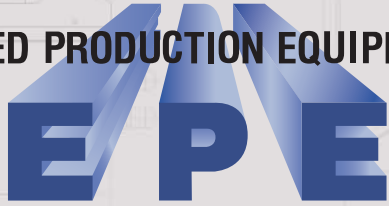


ENGINEERED PRODUCTION EQUIPMENT, INC.



Designers and Builders of Custom Production Machinery

## Model: BTP 5-8

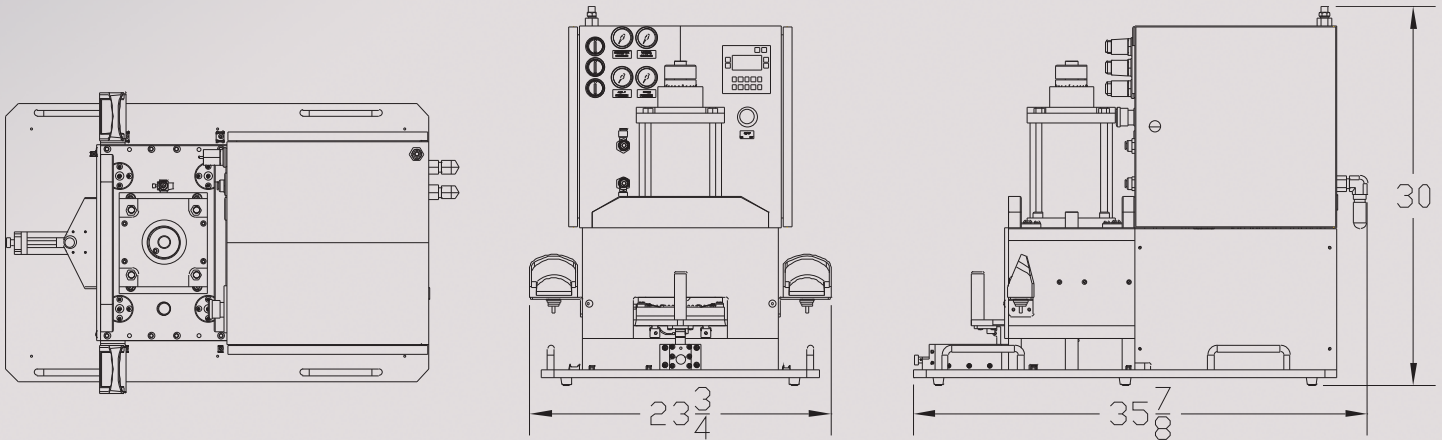


EPE's Benchtop Press has been designed to perform diecutting, kiss-cutting, heat forming, and heat sealing operations on a prototype or limited production basis. The standard workpiece area is five inches side-to-side by eight inches front-to-back. The lower tooling plate slides in and out of the press to allow easy loading and unloading of parts. Dual palm buttons are used to initiate the press cycle in an operator-friendly ergonomic and safe manner.

\*Some photos may show the machine with optional equipment installed.

# Model: BTP 5-8

Dimensions are in inches.



## FEATURES

**Operator Interface:** The operator interface screen consists of an LCD screen and keypad that enables the operator to configure the Benchtop Press for various production modes. The screen also displays production parameters, process instructions, and error messages to the operator.

**Pneumatic Pressure Regulators:** These three regulators control the amount of force delivered by the press cylinder, the vacuum level, and the auxiliary air pressure.

**Slide Plate Stop Adjustments:** Located at the front-center of the press under the lower tooling slide plate. This stop allows alignment of the upper and lower tooling.

**Ram Down Stop:** Consists of a precision-machined micrometer stop that allows the downstroke of the press to be adjusted to within one thousandth of an inch for staking and kiss-cut applications.

**Press-Down Proximity Switch:** This switch is used to control the press-down (closed) dwell time for heat sealing and staking operations.

**Quick-Change Tooling:** Allows the press to be reconfigured, easily and with minimal downtime, for various tooling setups.

**Built-In Expandability:** The press is equipped with extra pneumatic and electrical connections to accommodate accessory equipment.

## OPTIONS

**Die Cut Tooling:** Equipment for utilizing economic steel rule dies for thru-cut or kiss-cut applications.

**Blanking Diesets:** Precision-guided diestation utilizing low clearance male/female tooling for cutting difficult materials.

**Heated Platen:** Provides heat seal, heat form, or heat stake functionality to the press. This option can be in the form of radiant or conductive heat sources.

**Vacuum Tooling:** The upper or lower tooling may be equipped with upper or lower vacuum tooling for vacuum forming or part retention purposes.

**Environmental Pouching:** Equipment can be added so that pouches may be manufactured in either a vacuum or inert gas environment.

**Two-Stop Slide Plate:** The standard slide plate can be upgraded to allow for two adjustable tooling positions in the press, allowing two press operations in one part loading.

**Automatic Slide Plate:** The standard slide plate is upgraded with the addition of either a pneumatic or servomotor powered actuator, to position the slide plate while reducing operator workload.

## SPECIFICATIONS

**Workpiece Size:** 5" side-to-side by 8" front-to-back.  
Height dependent upon tooling installed.

**Heat Seal Temperature Range:** From ambient to 450° F

**Press Force:** 6,490 lbs @ 80 psi

**Power Requirements:** 120 VAC, 1-Phase, 60 Hz, 10 Amps

**Compressed Air Requirements:** 60-100 psi

**Physical Specifications:**

Length: 23-3/4" Depth: 35-7/8" Height: 30"

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*EPE is a custom equipment manufacturer with years of experience building custom web handling and packaging equipment. Contact us with your special requirements.*

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