



# Automation Solutions



• Increase output without increasing labor

• Eliminate cobot downtime

• High-mix high-volume Production

"The Cobot Feeder allows jobs to finish overnight by running 24/7, so that every day is a fresh set-up and each job stays in step with the production schedule."

"PBC Linear was able to increase sales by 33% while only increasing head count by 3%."

— Tim LeCrone  
Director of Manufacturing

## Cobot Feeder

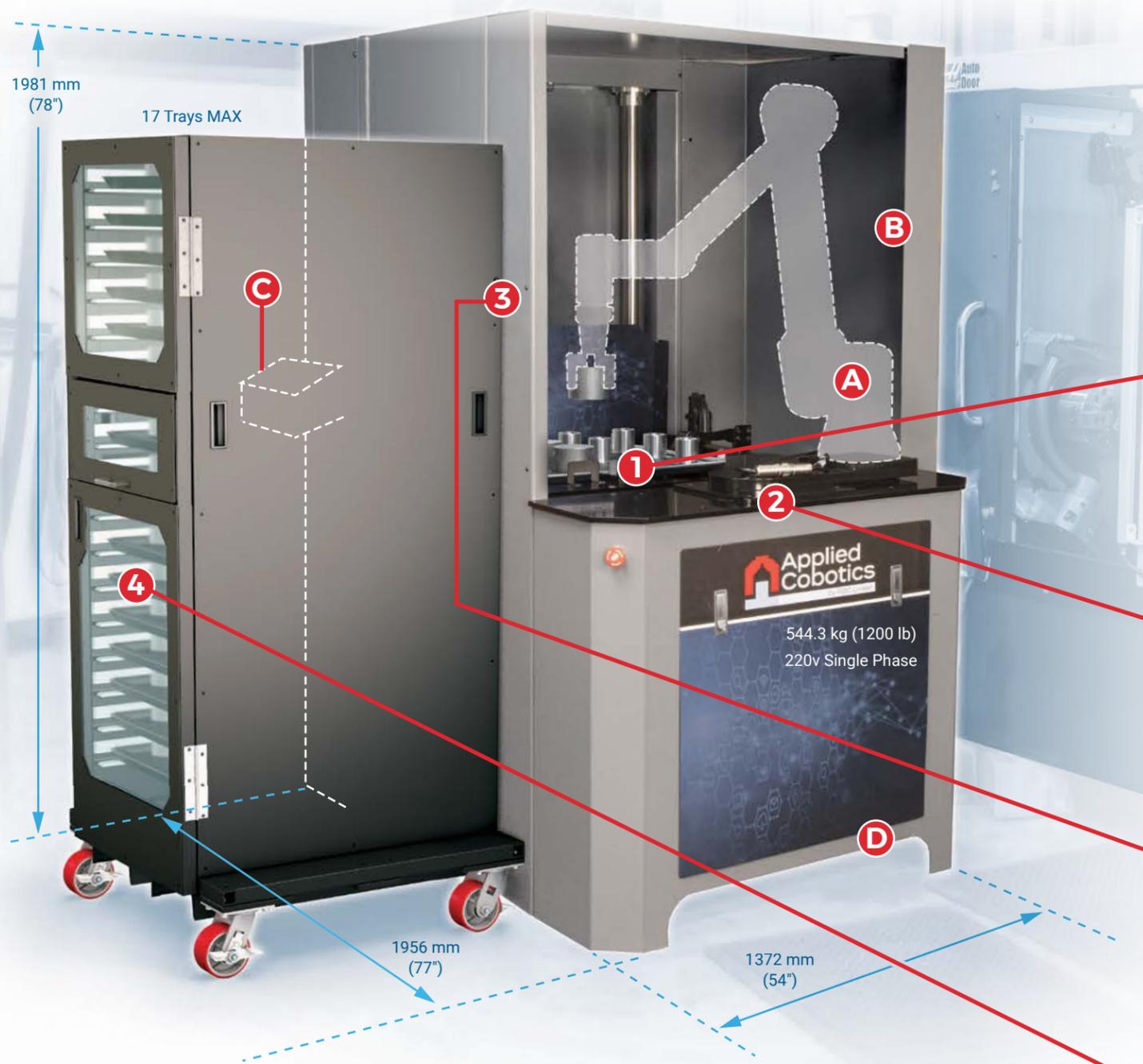
- Flexible Automated Part-Feeding for Any Cobot or Robot
- Solves Personnel and Downtime Problems

Machine Tending • Part Loading & Unloading • Assembly Operations  
• Cleaning & Deburring Stations • Grinding & Polishing  
• Laser Marking • Palletizing • More...



**UNIVERSAL ROBOTS**  
UR+ Partner

# Elevate Productivity with the Cobot Feeder



**Any Cobot Robot**  
**Save 90-Day ROI**  
**Run Lights-Out**  
**Solve Staffing Issues**

The Applied Robotics, Cobot Feeder is designed to assist collaborative robots and other types of automation robots by consistently loading and unloading material dunnage trays within the cobot/robot accessible work area. It features a vertical ball screw-driven shelf, and a horizontal tray loader/unloader that provides accurate and repeatable motion and positioning of trays.



**1** Work table rises or lowers to pull parts trays and place them within the reach of the cobot or robot.

**2** Standard Swivel Arm. Optional swivel arm for attachment of cobot/robot to allow easy access to the machine.

**3** Multiple racks allows parts to be staged ahead of time, and positional locking makes for smooth transition from rack-to-rack.

**4** Tray inserts come in standard patterns or custom molded inserts can be created for your specific parts.



**A** Engineered to integrate with any cobot or robot.

**B** Light curtains eliminate pinch points and provide safety for the operator.

**C** Human-Machine Interface (HMI) for easy setup, control, and programming.

**D** Pallet jack or forklift access makes for easy movement and work cell adjustments.



The Cobot Feeder utilizes world-class linear motion and drive technology from PBC Linear®

## Automation Support Tools

### Material Delivery Trays



Choose rack trays from a range of available standard-size pockets, or work with the Applied Cobotics Engineering Team to develop custom printed or molded inserts that fit your specific parts needs.



### Installation & Support



Each system is installed by skilled Applied Cobotics specialists or by a certified technician from the Applied Cobotics network of trained integrators and resellers.

#### Tech Support Upgrade

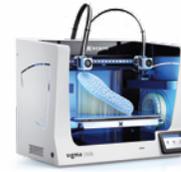


Raise your operator training to the next level with augmented reality headsets. Connect to documentation and videos that correspond to the equipment at hand.

### Rapid 3D Print Prototyping



Support your automation needs with 3D Platform industrial 3D printers.



Sigma D25  
420 x 300 x 200 mm  
Build Area



Epsilon W50  
420 x 300 x 400 mm  
Build Area

In addition to the creation of your own tray inserts, our 3D printers are ideal for end of arm tooling, grippers, jigs, fixtures, and a wide range of other support items.

## Linear Components, Actuators, and Subassemblies

PBC Linear has the answer for your most demanding automation needs.



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