



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

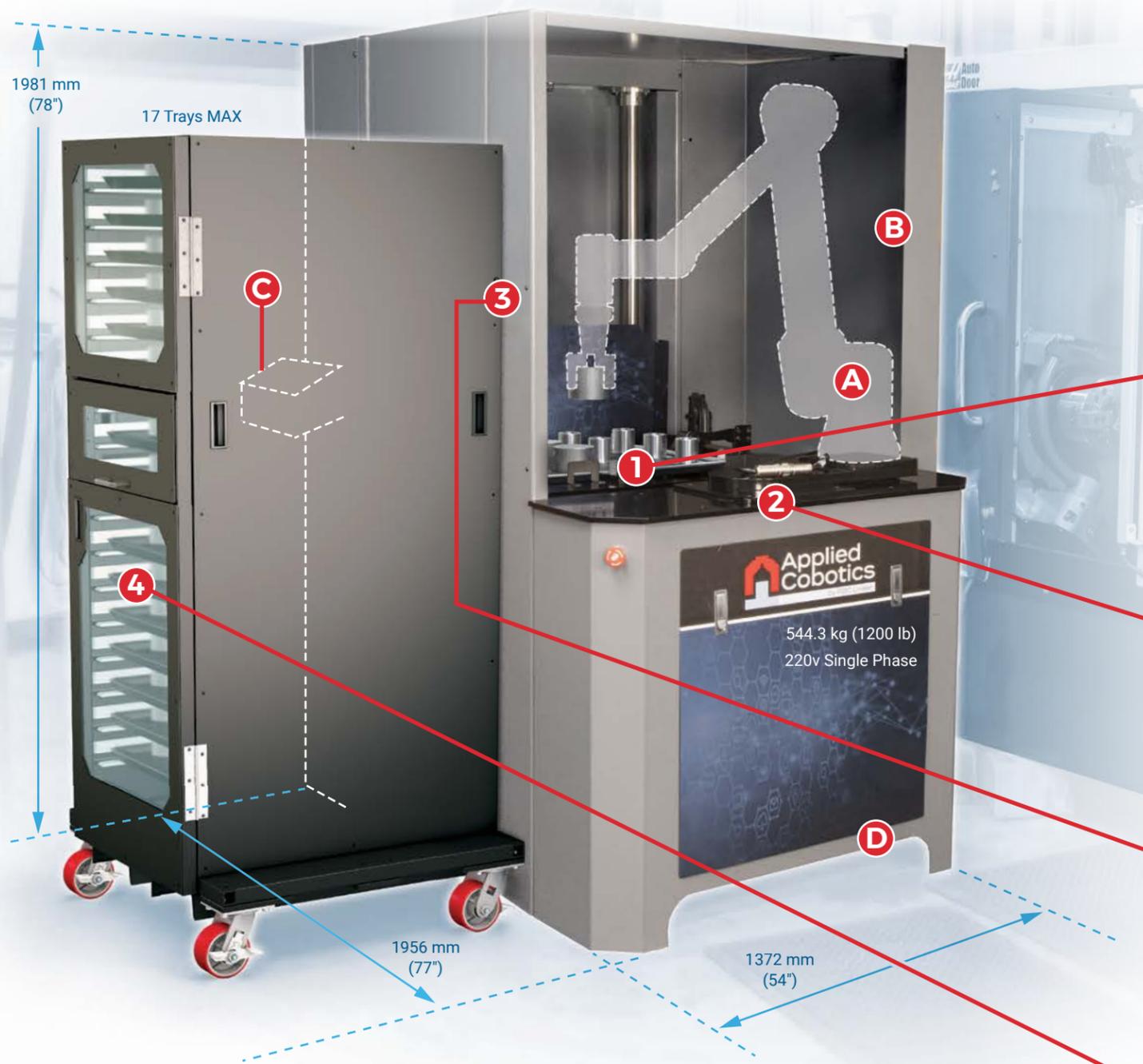
- Flexible Automated Part-Feeding for Any Cobot or Robot
- Solves Personnel and Downtime Problems

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.

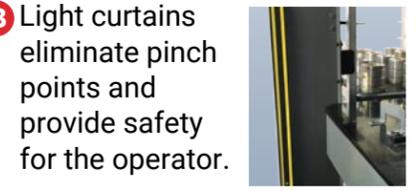
2 Standard Swivel Arm. Optional swivel arm for attachment of cobot/robot to allow easy access to the machine.

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

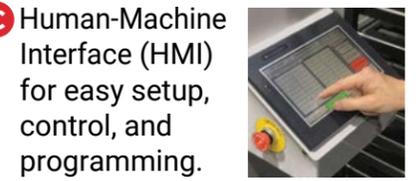
4 Tray inserts come in standard patterns or custom molded inserts can be created for your specific parts.



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

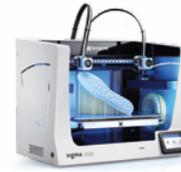


Raise your operator training to the next level with augmented reality headsets. Connect to documentation and videos that correspond to the equipment at hand.

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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