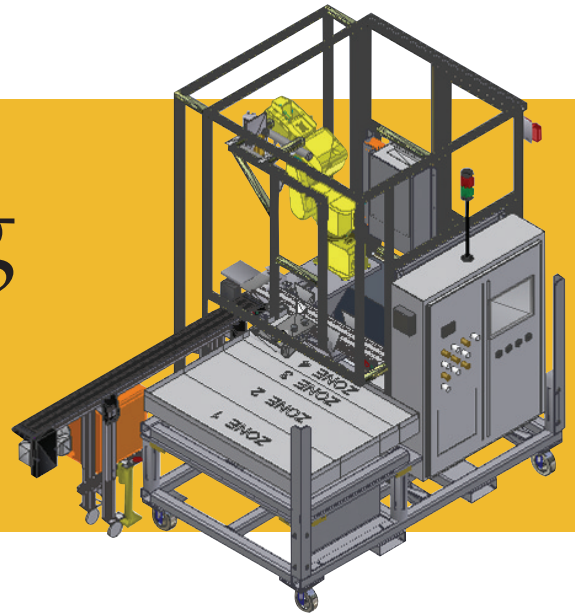


# Model 220 Sizing Press Loader



## S P E C I F I C A T I O N S

<b>Robot</b>	FANUC LRMate 200i Model B
<b>Robot Controller</b>	FANUC R-J3iB Mate
<b>Robot Axes</b>	6 axes of motion
<b>Motion Range and Joint Speed</b>	Single pick up to 20 ppm
<b>Maximum Part Weight</b>	3 lbs.
<b>Repeatability</b>	+/-0.04 mm

Specifications subject to change without notice. Please contact ACE for application suitability.

## O P T I O N S

- ACE workstocker or direct conveyor feed for incoming parts
- Loading of non-dial type sizing press
- Larger parts handling with bigger robot
- Sized part takeaway conveyor

The Model 220 Sizing Press Loader provides a versatile, flexible robotic solution for loading and unloading parts from a sizing press. The standard model is configured for dial loaded presses. High throughput is achieved by loading an unsized part while a sized part is unloading, so no motion is wasted.

## FEATURES

- Welded structural steel frame, compact for minimal floor space usage. Casters for manual portability along with fork truck pockets for ease in moving from press to press.
- Includes heavy duty toggle lock clamps with horizontal and vertical "round in vee" nest design for repeatable docking to press.
- Extruded aluminum guarding with Lexan™ panels with interlocking operator access door. Interlock circuitry provided to ensure docking to press.
- Vibratory parts storage and feeding table with quick change tooling available to allow for handling of various products.
- Compact belt conveyor with escapement and end nest provides positive position for robotic pickup.
- Cognex vision system provides part orientation information to the robot for repeatable loading of sizing press dial nest.
- Dual gripper robot tooling allows for simultaneous load/unload of the press loading dial.



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