

# Trim Press Unloader



PU-35 Unloader

## WHAT IT IS & HOW IT WORKS

The Trim Press Unloader automatically unloads parts and waste from any vertical trim press.

A PLC controlled servo motor drives the Unloader tray that you can be programmed in linear values to catch completed parts.

The Trim Press Unloader can also combine air blow-off and lubrication of the trim die with the unloading process.

Lubrication and blow-off cycles are programmable thru the LCD interface

## BENEFITS

**Automation:** Automated unloading combined with air blow-off and lubrication capabilities

**Portable:** The Unloader can easily be moved and interfaced with multiple vertical trim presses

**Versatile:** The Unloader is height adjustable and can be set-up to dump parts to either side and into the standard part tray or off the end into a container



PU-20 Unloader next to trim press



PU-20 Unloader extended into trim press

#### GENERAL SPEC'S

		PU-20	PU-35	PU-75	PU-100
<b>Unit Weight (lbs)</b>		1,200	1,200	1,500	1,800
<b>Unit Width</b>		40"	50"	60"	66"
<b>Catch Pan Stroke</b>		40"	50"	70"	85"
<b>Catch Pan Dimensions</b>	Front to Back	16"	27"	30"	40"
	Left to Right	40"	40"	50"	60"
	Height	3"	3"	3"	3"

- 40" – 60" adjustable height for all models
- Electric – 110V or optional 460v 3 phase
- Air – 80 psi at 8 CFM
- Warranty – 1 year
- Allen Bradley PLC & servo motor

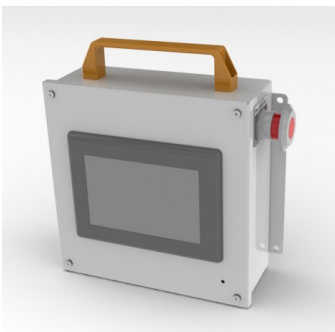
#### TRIM PRESS UNLOADER FEATURES

- Heavy duty construction for production environments
- Mounting bar that allows quick attachment and separation from the trim press
- The mounting bar can also be welded or bolted to an existing trim press
- Casters included for portability, rigid casters attached to press end and swivel caster attached to opposite end
- Adjustable table legs allow the chute to be flat or pivot on an angle
- Catch pan fits most four post hydraulic vertical trim presses.
- Catch pan movement is achieved by using a spur gear and rack for consistent and reliable motion
- Smaller and larger size catch pans are available
- UHMW lined catch pan prevents part damage
- Pan dividers are available for cavity separation
- A Pneumatic cylinder under the catch pan allows for side dumping
- An interchangeable 2 inch hinge can be used to pitch the pan back and keep parts from bouncing forward
- The front lip of the tray is removable to allow manual pick-off or bulk unloading.
- Onboard PLC with LCD interface controls all the functions of the Unloader
- LCD interface is mounted in enclosure door to allow teach, auto, and manual modes
- Adjustable settings for multiple Lubrication or Air Blow Off cycles per press cycle. (Customer to install nozzles or plug piping as needed.)
- Quick connect sensors allow integration with existing trim press

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