



PROJECT TITLE: Casting Trim and Mill

PART: Cast Iron Pneumatic Coupler

PROJECT DESCRIPTION: Parts are manually loaded onto a staging dial and transferred via a cam pick and place to the machining dial. The first station removes the casting gate using a milling process. Parts are then trimmed in a hydraulic push-through die to remove excess material at the parting lines.

FEATURES:

- 600 parts per hour
- Operator staging dial (increases machine efficiency)
- Hydraulic single axis milling station
- Push-through profile die trim station
- Automatic batch counting for bulk packaging

BENEFITS:

- Increased production rate with decreased labor requirement
- Automated batch counting for production control
- Milling process yields superior surface finish to grinding



2701 Progress Road • Madison, Wisconsin 53716
 608-222-9000 • Fax 608-222-9183 • www.isthmuseng.com
 Isthmus Engineering Is A Worker Owned Cooperative.