

Overview

Tucker Industries is a diversified manufacturer of small, medium, and large stampings and assemblies located in Bensalem, PA. Engineering-backed with four generations of die-making experience. Certified to IATF 16949

Stamping Capacity & Equipment

- ◆ 60 presses up to 600 tons
- ◆ Bed sizes: SSDC 600–200T with 9'×4' bed; SSDC & OBI 200–160T with 7'×3' bed; OBI 135–50T with ~30" bed; OBI 50–5T
- ◆ Feeders to 48" wide; reels/cradles/straighteners to 10,000 lbs
- ◆ Servo feeder cradle straightener to 1/4" thick × 7" wide
- ◆ Automatic four-stage assembly machine

Why Progressive Dies

- ◆ Progressive dies wherever possible: one setup, one operation, one inspection
- ◆ Faster and more economical than single-stroke tooling for many parts
- ◆ Value analysis: convert castings/forgings/screw-machined parts to economical stampings
- ◆ Continuous improvement and preventive quality control

Finishing Equipment

- ◆ 24nft inline high-speed deburring machine
- ◆ 10 CF circular deburring machine
- ◆ 11 ga × 24" wide edge deburring machine
- ◆ 20nroll straightener machines
- ◆ Sandblasting machine
- ◆ Multi-stage metal parts washer

Scheduling & Services

- ◆ Fully computerized scheduling, purchasing, expediting, production, and barcoding
- ◆ Just-In-Time environment from material requirements through delivery
- ◆ Overflow/backup production support when customer presses are down or overloaded

Additional Capabilities

- ◆ 5 robotic welders
- ◆ 3 CNC machining centers
- ◆ 4 specialized MIG welding stations
- ◆ Laser cutting up to 5' × 10' capacity

Die Room

- ◆ Wire EDM; CNC machining center; Bridgeports
- ◆ Surface & Blanchard grinders; radial drill presses
- ◆ Band saws; lathes; additional die-making equipment

Quality & Systems

- ◆ CMM (coordinate measuring machine)
- ◆ Surface plates, height gauges, calipers, checking fixtures
- ◆ Push-out testers, gauge blocks, pin gauges (periodically calibrated)
- ◆ EDI & barcoding; CQI focus with RPPM tracking; training & audits

Prototype & Short-Run

- ◆ Press brake (10')
- ◆ Press shear (1/4" × 10')
- ◆ Trumpf Lasercat 2603E — 2,600 W laser (5' × 10' bed)

Contact Us Today

Charles Legg

Sales Rep
(540) 589-7888 - Call or Text
cglegg@leggassociates.com

