

# C-Frame Straightening Accessories

DOCUMENT 12025B



## FOR MEDIUM SHAFT DIAMETERS

A variety of fixtures and anvils are available for different applications for our medium-tonnage straightening presses. The fixtures are designed to handle medium-weight workpieces and mid-range diameters.

metal forming

compression molding

straightening

sheet molding

drawing

assembly

horizontal

compaction

powder compaction

laminating

gluing/bonding

forcing

die repair

blanking

die spotting

special work

composites molding

bulldozing

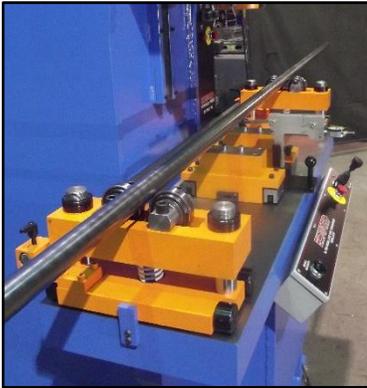
trimming

hot press

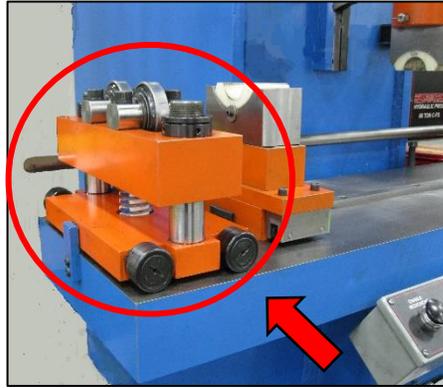
fluid forming

hobbing

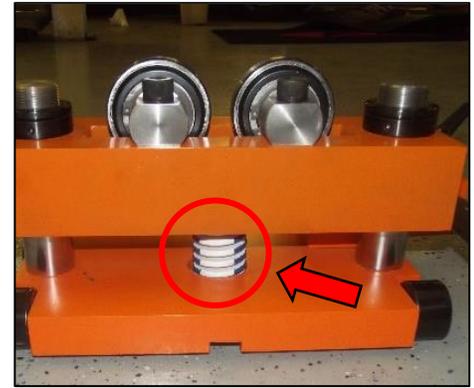
automation



1. STRAIGHTENING CARRIAGE PACKAGE



2. O.D. ROLLER SUPPORTS



3. "LOAD SUPPORT SPRING CHANGE-OVER"



4. CENTER SUPPORTS (OPTIONAL)



5. QUICK CHANGE ANVILS



6. INDICATORS

1. **Straightening Carriage** with O.D. rotation fixtures and dial indicator, for straightening round bars on their outer diameter.
2. **O.D. Roller Supports** suspend round bars or tubes above the anvils for rotation while indicating, then, due to spring-loading, lower to contact the anvil while under straightening force. Roller supports are adjustable to accept various shaft diameters. Supports can be quickly positioned for work length changes and locked in place with a half-turn of the handle.
3. O.D. Rollers are equipped with **Load Support Springs** of various compressive strengths that are easily changed for different workpiece weight requirements. These springs raise the workpiece above the anvils when checking straightness.

4. **Center Supports** are available optionally for precision straightening, of center-drilled shafts. A hand wheel provides forward feed and locks the shaft in place between centers.
5. **Quick Change Anvils** (V-Block and U-Block) have hardened steel inserts (bronze inserts for non-mar finish.)
6. **Long-Reach Dial Indicators**, with overload protection, are available in Rear Rail-Mount and Table-Mount styles.

### The Basic Straightening Carriage Package includes:

- Two (2) O.D. Rollers with Spring Change-Over
- Two (2) Anvil Blocks with Hard Liners
- One (1) Ram Punch
- One (1) Dial Indicator



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