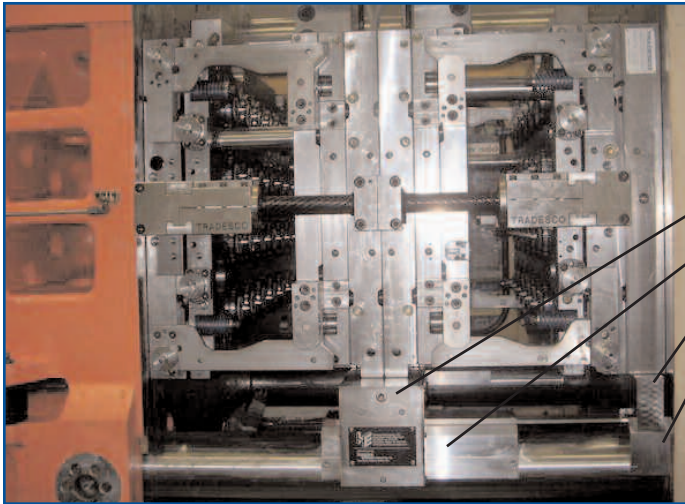




GREASELESS MOLD CARRIER AND ALIGNMENT SYSTEM



U.S. PATENT NUMBER: 5,772,420
CANADIAN PATENT NUMBER: 2,216,192

- Center Support and Roller Housing
- Roller Support Saddle and Wear Plates
- Alignment Block
- Front Alignment Saddle

**STANDARD STACK
MOLD APPLICATION**

GENERAL DESCRIPTION

Smartline™ Mold Carrier and Alignment System supports and aligns injection molds during processing. The greaseless system prevents wear to the press tie-bars and maintains alignment during processing.

The system applies to:

- Stack Molds
- Heavy Single-Face Molds
- Blow Molds

Each installation is unique and engineered specifically for the individual application.

COMPONENTS

Standard:

- ◆ Tie-Bar Saddles - provide bearing surface for wear plates.
- ◆ Roller Assemblies - glide smoothly over the top of the tie bar saddles and wear plates.
- ◆ Wear Plates - bear the load of the rollers, and are replaceable.
- ◆ Alignment Blocks - provide repeatable alignment guide for setups and processing.

Optional:

- ◆ Quick Change Keyway
- ◆ Top Mount Sled

BENEFITS

- ◆ Aligns the mold sections during setup and processing, particularly stack molds
- ◆ Prevents grease contamination of molded parts
- ◆ Prolongs life of mold components and centering mechanisms
- ◆ Stops platen tilt and leader pin thump
- ◆ Eliminates processing problems due to alignment (flash, shorts, size variations, etc.)
- ◆ Allows repeatable setup accuracy (no adjustments)
- ◆ Improves cycle times
- ◆ Applies to all molds/machines up to 2000 tons (retrofit or new molds)
- ◆ Installs without machine modifications
- ◆ Mounts on top or bottom tie rods

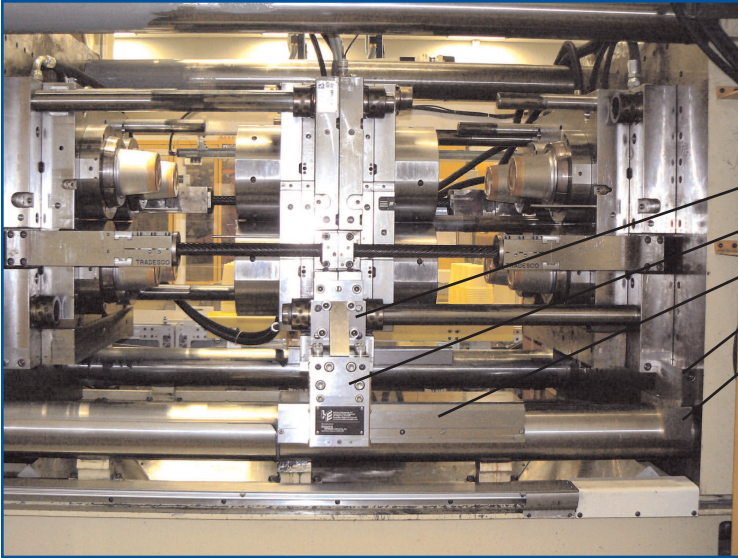
SmartLine Mold Carrier and Alignment System will save you time in and money from

- Mold Repair
- Lost Processing
- Unscheduled Maintenance
- In-Process Troubleshooting
- Grease Contamination of Parts
- Misaligned Molded Parts

**bunger &
brown**
engineering, inc.

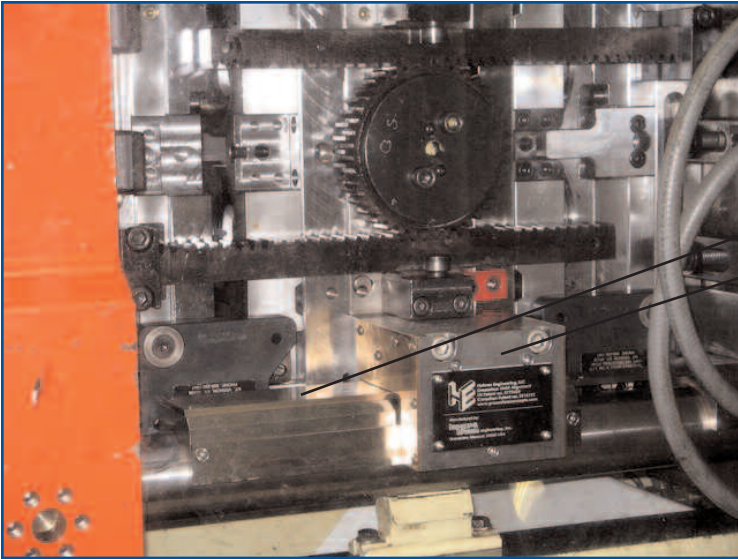
4500 E 142nd Street
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STACK MOLD WITH QUICK MOLD CHANGE OPTION



- Quick Change Keyway Block
- Center Support and Roller Housing
- Roller Support Saddle and Wear Plates
- Alignment Block
- Front Alignment Saddle

SMALL MACHINE STACK MOLD APPLICATION



- Roller Support Saddle and Wear Plates
- Center Support and Roller Housing