

# Heavy Duty and Harsh Enviroment Application Solutions

# THE POWER TO MOVE

Destaco offers a comprehensive portfolio of products designed to be used in the most demanding applications in such harsh environments as foundry, machining, and forging.

Our heavy duty products are developed with features to go the distance, such as our workholding clamping products with hardened steel pivot pins and bushings for longevity, and our automation grippers that feature high-temperature metal seals, optional shields, and boots providing added protection.









# Product Highlights/Options

- Rigid
- High temperature
- Heavy load
- Harsh environment

# Features, Markets and Applications

PERFORMANCE	<ul> <li>Standard and precision grippers and clamps</li> <li>High quality tool changers</li> <li>Automatic full sensing low noise and vibration grinders and burrs</li> </ul>	INDUSTRIAL AUTOMOTIVE	HIGH TEMPURATURE HIGH TEMPURATURE HARSH ENVIRONMENT HARSH ENVIRONMENT
NO/LOW MAINTENANCE	<ul> <li>Low maintenance, shielded pneumatic grippers for foundry applications</li> <li>Weldable clamp models available</li> </ul>		
STRENGTH	<ul><li>Heavy-duty grippers and clamps</li><li>Designed to withstand harsh environment and high temperature</li></ul>		



# HEAVY DUTY AND HARSH ENVIROMENT APPLICATION SOLUTIONS

# Pneumatic Parallel and Angular Grippers

#### **Engineered Reliability**

- Pneumatic 2-Jaw and 3-Jaw gripping solutions
- 90 and 180 degree angular gripper jaw openings available
- Harsh environment support with spring assist shielded designs
- High temperature applications using Viton<sup>®</sup> Seals (90 360°C)
- Rotaries supports small to very large payloads

# **Automatic Tool Changers**

#### Exceptional Repeatability, High Rigidity and Load Capacity

- Durable locking devices
- Heavy-duty locking spring mechanisms on certain models
- Optional air, electric and fluid ports modules
- ISO Pattern for direct robot arm mounting
- Different models and sizes available to handle light-duty to heavy-duty applications

# **High Temperature Clamping**

#### Hold down and gripping

- Harsh environment
- High temperature application
- Different models and sizes available

# Heavy-Duty Manual Clamping

#### Hold-Down, Plunger and Latch Clamps

- Hardened steel pivot pins and bushings provide long life
- High strength forged clamping arms and hardened plungers
- Weldable clamp models available
- Designed to withstand harsh manufacturing environments with very high holding capacities.

# Dotco<sup>®</sup> Grinders and Burrs

#### Performance, Versitility and Quality

- High quality bearings for low noise and vibration
- Simple, precision parts that are interchangable
- Inline and right angle models available
- Small, lightweight and comfortable without sacrificing durability

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Dimensions and technical information are subject to change without notice



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