

# G110 & T110 Series

## OEM Machine Builder Products

DESTACO's Robohand G110 pneumatic grippers and T110 linear slide tables offer affordable gripper and slide table solutions that match the price and performance expectations for machine builders and OEM markets.

The G110 series family of grippers include 20 model sizes with varying stroke options. An extended jaw option is offered that is finger compatible with competing products for easier upgrades.

The T110 series family of slide tables include 44 model sizes with varying stroke options. The units follow industry standard footprint for direct drop-in replacement of competing models.

Engineered to provide better performance, lower maintenance and faster operation, the Robohand OEM solutions deliver high on value for cost sensitive applications.



**Robohand**

### Product Highlights/Options

- 64 models of grippers and slides
- Bore sizes: 6, 8, 11, 12, 16, 18, 20, 25mm
- Strokes from 10mm to 150mm
- Drop-in replacement



PICK & PLACE



GRIPPING



LINEAR SLIDES

### Features, Markets and Applications

|                           |  |                             |                        |
|---------------------------|--|-----------------------------|------------------------|
| <p>INTERCHANGEABILITY</p> | <ul style="list-style-type: none"> <li>• Designed for OEM machine builders</li> <li>• Linear slides are drop-in replacement</li> <li>• Existing OEM designed gripper fingers are interchangeable from competing units</li> </ul> | <p>INDUSTRIAL</p>           | <p>ASSEMBLY</p>        |
| <p>PERFORMANCE</p>        | <ul style="list-style-type: none"> <li>• Very smooth gripping and linear operations</li> <li>• High grip force and slide payload capacity</li> <li>• Precision placement for pick and place applications</li> </ul>              | <p>FOOD &amp; PACKAGING</p> | <p>FIXTURE/TESTING</p> |
| <p>LOW/NO MAINTENANCE</p> | <ul style="list-style-type: none"> <li>• Tested for millions of cycles</li> <li>• Easy installation with quick start kits</li> <li>• Easy field adjustments for fine tuning</li> </ul>   | <p>CONSUMER GOODS</p>       | <p>MOLDING</p>         |
|                           |  | <p>LIFE SCIENCES</p>        | <p>CLEAN ROOM</p>      |

## G110 Series and T110 Series OEM Machine Builder Products

### G110 Series

#### OEM Pneumatic Parallel Grippers

- 20 different models sized to match your application needs
- Fast actuations from 60ms
- Multiple stroke options from 5mm to 50mm
- High grip force, small package from 56N to 558N [13 to 125 lbf]
- Shielded design for clean to moderate manufacturing environments
- Interchangeable gripper fingers with competitive units using extended jaw option
- Locating sleeves for precise finger mounting included with gripper



| Size | Total Rated Grip Force | Stroke Availability |     |      |      |      |      |      |      |      |      |      |      |
|------|------------------------|---------------------|-----|------|------|------|------|------|------|------|------|------|------|
|      |                        | 5mm                 | 6mm | 10mm | 12mm | 15mm | 18mm | 20mm | 24mm | 25mm | 30mm | 40mm | 50mm |
| 08M  | 56N [13 lbf]           | •                   |     | •    |      | •    |      | •    |      | •    |      |      |      |
| 11M  | 104N [23 lbf]          | •                   |     | •    |      | •    |      | •    |      | •    |      |      |      |
| 18M  | 260N [58 lbf]          |                     | •   |      | •    |      | •    |      | •    |      | •    |      |      |
| 25M  | 558N [125 lbf]         |                     |     | •    |      |      |      | •    |      |      | •    | •    | •    |

### T110 Series

#### OEM Pneumatic Linear Slides

- Cost effective precision slide tables
- 44 models with various stroke lengths
- Bore sizes: 6, 8, 12, 16, 20, 25mm
- Smooth operation with cross roller bearings
- Stroke adjust with shock absorbers or rubber stops
- High payload capacity
- Drop-in replacement



| Size | Thrust Force at 7 bar [100 psi] | Stroke Availability |      |      |      |      |       |       |       |       |
|------|---------------------------------|---------------------|------|------|------|------|-------|-------|-------|-------|
|      |                                 | 10mm                | 20mm | 30mm | 40mm | 50mm | 075mm | 100mm | 125mm | 150mm |
| 06M  | 29N [7 lbf]                     | •                   | •    | •    | •    | •    |       |       |       |       |
| 08M  | 53N [12 lbf]                    | •                   | •    | •    | •    | •    | •     |       |       |       |
| 12M  | 119N [27 lbf]                   | •                   | •    | •    | •    | •    | •     | •     |       |       |
| 16M  | 221N [47 lbf]                   | •                   | •    | •    | •    | •    | •     | •     | •     |       |
| 20M  | 330N [74 lbf]                   | •                   | •    | •    | •    | •    | •     | •     | •     | •     |
| 25M  | 529N [119 lbf]                  | •                   | •    | •    | •    | •    | •     | •     | •     | •     |

Dimensions and technical information are subject to change without notice.

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