Attachments for Slipsheet Applications.

APPLICATIONS
These push/pulls are rugged, heavy duty attachments for high cycle slipsheet applications requiring high productivity with low maintenance. The Cascade dedicated push/pulls are the best performing and durable push/pull available.

FEATURES
- High production slipsheet handling capabilities
  - High visibility pantograph, gripper jaw and faceplate
  - Full bottom taper/adjustable platens
  - 4° tilting faceplate
  - Chamfered platen corners and gripper jaw design protects the slipsheet

Strength and durability in demanding applications
- High strength, rigid pantograph for safe load packing
- T-1 steel platens
- Protected hydraulics
- “Cushion” cylinders reduce operating noise
- Simplified hydraulic circuit

Easy, versatile mounting
- Sideshift J-plate is automatically engaged when the push/pull is set on the truck carriage
- No false carriage is required on quick disconnect models
- Sideshift feature provides 4 inches (100mm) of sideshift in each direction

OPTIONS
- Quick-change hydraulic couplers
- Quick-disconnect mounting
- Hydraulic flow control valve
- Extended height and width faceplates
- Extended push strokes
- Faceplate stop group
- Attachment mounted solenoid adaption group
- Optional platen sizes
- Forks and multiple fork groups
- Class III mounting (45E only)
### 35E & 45E PUSH/PULL

![Diagram of push/pull unit](image.png)

#### Minimum carriage width non-sideshifting – 28"

#### Minimum carriage width sideshifting – 36"

<table>
<thead>
<tr>
<th>Capacity @ 24&quot; (load center)</th>
<th>Type</th>
<th>Platen @ W x L</th>
<th>Catalog Order No.</th>
<th>Mfg./Class/Load Type</th>
<th>Outside Platen Spacing</th>
<th>Weight</th>
<th>Effective Thickness</th>
<th>Horizontal Center of Gravity</th>
<th>Vertical Center of Gravity</th>
</tr>
</thead>
<tbody>
<tr>
<td>3,500 lbs</td>
<td>1,590 lbs</td>
<td>Sideshifting Push/Pull</td>
<td>18&quot; x 48&quot;</td>
<td>35E-PPS-A001</td>
<td>II Bolt-On</td>
<td>40&quot;-48&quot;</td>
<td>1,105</td>
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<td>6.5&quot;</td>
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<td>1,590 lbs</td>
<td>Sideshifting Load Push</td>
<td>18&quot; x 48&quot;</td>
<td>35E-PPS-Q002</td>
<td>II O.D.</td>
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<td>4,500 lbs</td>
<td>2,045 lbs</td>
<td>Non-Sideshifting Load Push</td>
<td>15&quot; x 48&quot;</td>
<td>35E-PPB-A001</td>
<td>II Bolt-On</td>
<td>34&quot;-42&quot;</td>
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**This base unit is equipped with two solenoids and may be controlled with a single auxiliary valve on the truck. IMPORTANT:** Solenoid voltage must match truck voltage. This unit is equipped with 12 volt solenoid. If you require a different voltage, please specify at time of order entry.

**Sideshifting Push/Pulls sideshift 4 inches either side of center.**

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