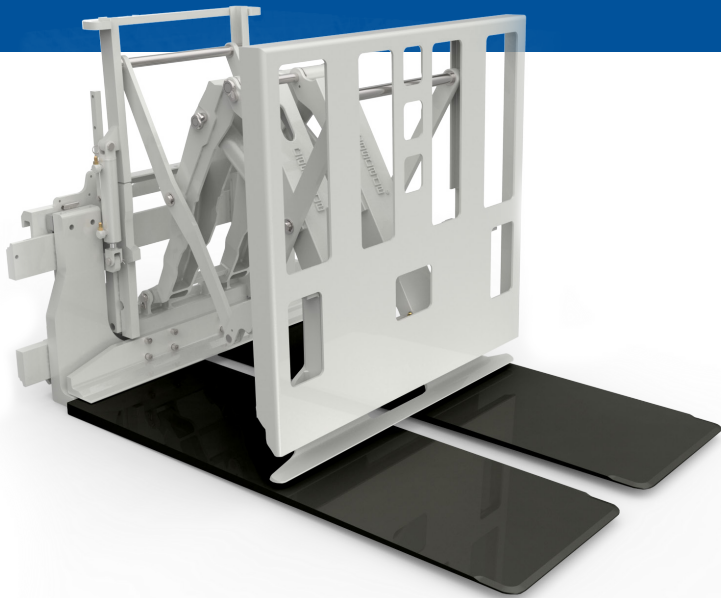




## Push/Pulls



Smooth and Efficient Load Transfers in Palletless Applications

# There's no better Push/Pull for the job.

## E-Series Push/Pull

These push/pulls are rugged, heavy duty attachments for high cycle slipsheet applications requiring high productivity with low maintenance.

### RELIABILITY

Smooth, powerful performance with precision engineered pantograph. High push and pull force while maintaining protection of internal hydraulics.

### PRODUCTIVITY

High visibility faceplate for faster, more accurate load engagement.

### REDUCED MAINTENANCE

High strength unitized construction. Cast arms provide more strength than fabricated arms.

### DURABILITY

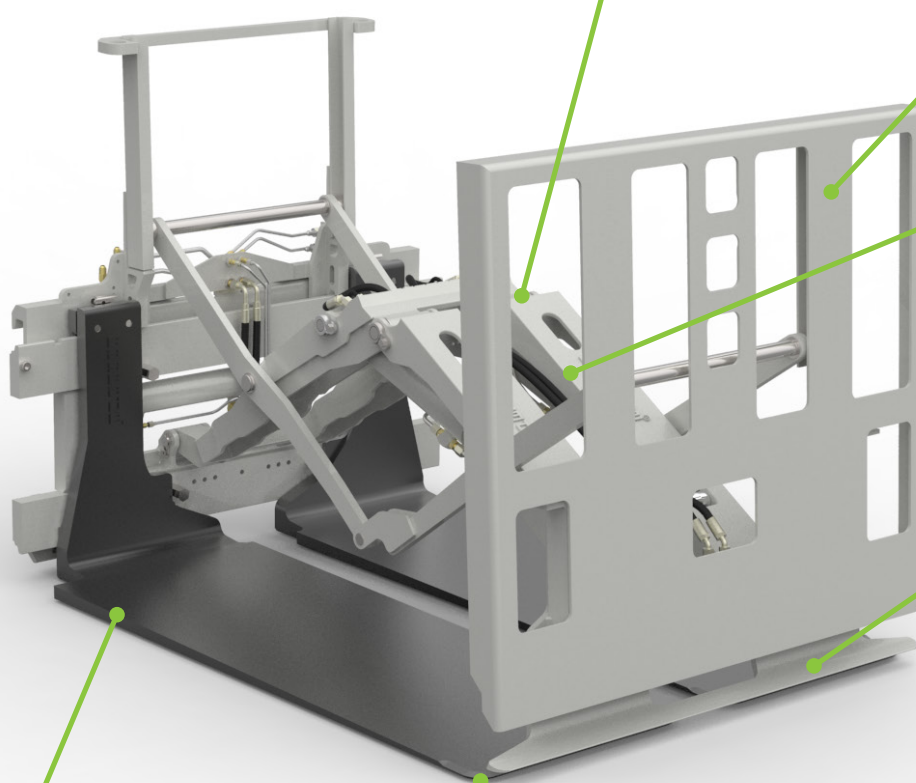
Urethane gripper bar provides tight, secure grip while protecting the slip sheet.

### ADJUSTABLE

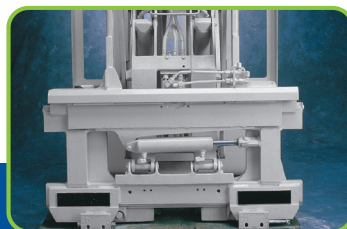
Platen spacing can be adjusted in seconds (carriage mount models).

### REDUCED PRODUCT DAMAGE

High strength, structural steel platens with beveled tips to protect the slip sheet and load from damage.



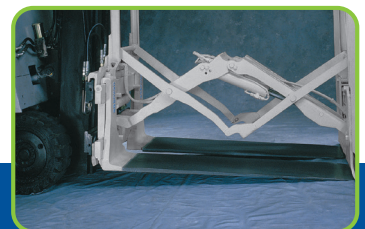
Platens are hung like conventional forks so spacing can be adjusted in seconds (carriage mount models).

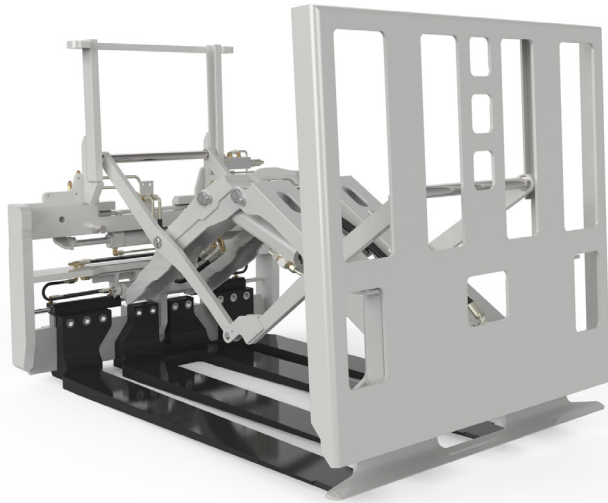


Cascade's Quick-Mount system provides fast, easy sideshift installation with no modification or welding to the truck carriage and no false carriage.



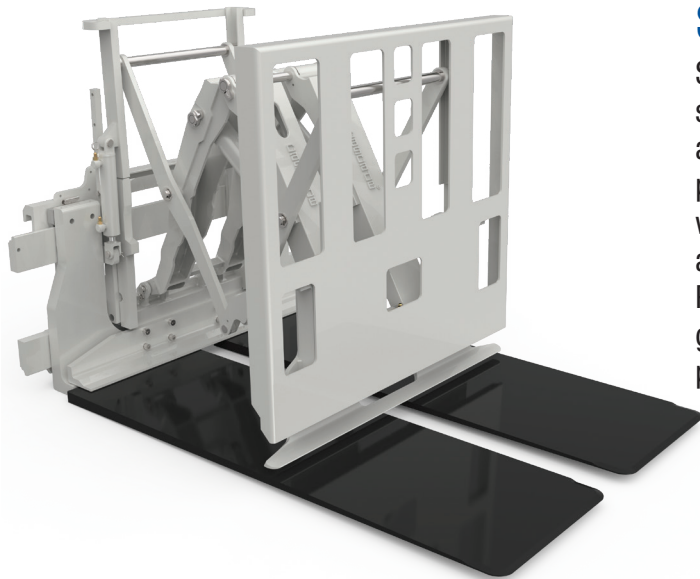
Unique gripper jaw design that extends over tips of platens & 4° tilting faceplate makes it easy to engage slipsheet for secure handling without damage.





### Mark 55 Push/Pull

For operations that must handle both slipsheeted and palletized product, hydraulically positionable outer platens are easily opened for conventional slipsheet handling and closed to allow block pallet handling.



### Sheet-Sav Push/Pull

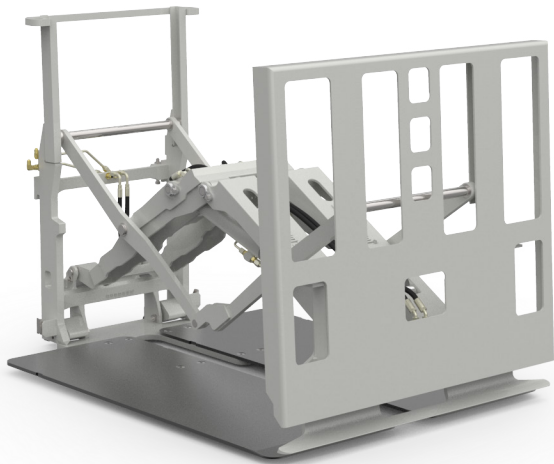
Save money by reusing slip sheets using our sheet saver mechanism. This is a popular attachment for manufacturers who handle product on slip sheets within their operation and who transfer product without a slip sheet onto a pallet, into a container, or onto a flatbed truck. Popular for bagged cement, bagged seed and grain, packaged food, dairy products, fruit and produce and corrugated handling.



## Sheet-Sav™ Push/Pull Operation in 4 Steps:

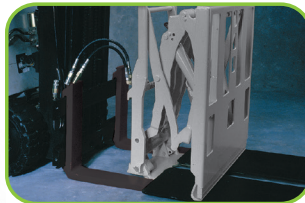
<p><b>1</b></p>	<p><b>Align, Tip and Drive</b> Grip slipsheet and pull load onto platens. Transport load to desired location.</p>	<p><b>2</b></p>	<p><b>Engage</b> Press Sheet-Sav™ knob button and activate lever to raise foot.</p>
<p><b>3</b></p>	<p><b>Grip</b> Press Sheet-Sav™ knob button and activate lever to lower foot.</p>	<p><b>4</b></p>	<p><b>Transport</b> Push load off platens while retaining slipsheet. Press Sheet-Sav™ knob button and activate lever to raise foot, then remove sheet.</p>

# Strength and durability for demanding applications.



## QFM Push/Pull

QFM (Quick Fork Mount) models allow a standard fork truck to be converted into slipsheet truck in a matter of minutes, without removing the forks.



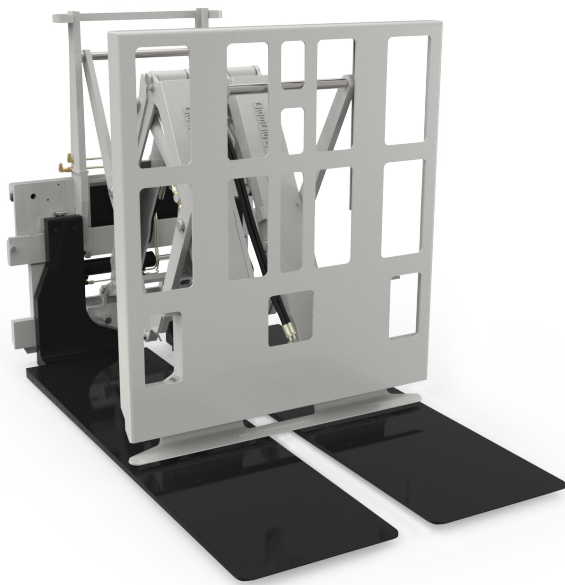
1. Position forks under platens.



2. Connect quick change hydraulic couplers.  
3. Engage lower hooks.



4. QFM Push/Pull is now ready for slipsheet loads.



## 45E Cement Push/Pull

High strength, rigid pantograph for heavy duty load packing applications. Feature includes, Class 3 hooks, 32mm/1.25" platens, and bronze rollers in the mechanism.



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