



Attachments for slipsheet applications.

*A rugged, heavy
duty push/pull
for general
slip sheet
applications.*

APPLICATIONS

These push/pulls are rugged, heavy duty attachments for high cycle slipsheet applications requiring high productivity with low maintenance. 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
- High strength steel platens
- Protected hydraulics
- "Cushion" cylinders reduce operating noise
- Simplified hydraulic circuit

Easy, versatile mounting

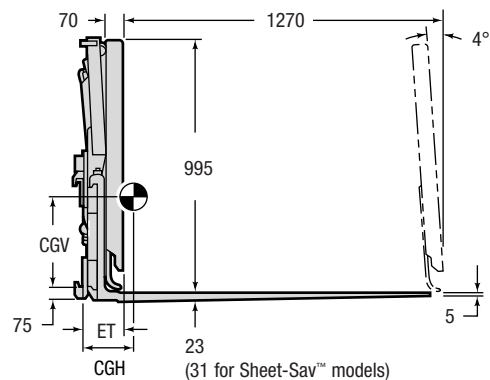
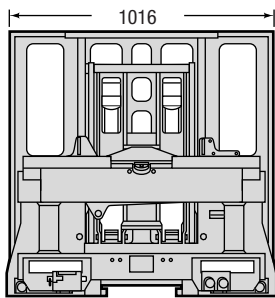
- Sideshift J-plate is automatically engaged when the push/pull is set on the truck carriage
- No false carriage is required on quick disconnect models

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 3 mounting (45E only)



35E & 45E PUSH/PULL



Minimum carriage width non-sideshifting – 710
Minimum carriage width sideshifting – 915
Sideshift stroke for sideshifting push/pull 200 mm.

Capacity kg. @ 610 mm Load Centre	Model	Platen Width (mm) W	Catalog Order No.	Mounting Class ISO 2328 Lower Hook Type	Outside Platen Spacing (mm) A	Mass (kg)	Effective Thickness (mm) ET	Horizontal Center of Gravity (mm) CGH	Vertical Center of Gravity (mm) CGV		
1600	Sideshifting Push/Pull	455	35E-PPS-A001	2A Bolt-On②	1015-1220	502	165	221	223		
		380	35E-PPS-A003		865-1065	480		203	236		
	Non-Sideshifting Push/Pull	455	35E-PPB-A001		1015-1220	495		223	223		
		380	35E-PPB-A003		865-1065	473		206	239		
	Hydraulically Adjustable Platens & Sideshifting	455	35E-PHS-A001①		1015-1220	507		221	223		
		380	35E-PHS-A003①		865-1065	484		203	236		
	Sideshifting Platens	35E-PPJ①Consult Cascade									
	Sideshifting Load Push	455	35E-PLS-A001		1015-1220	457		231	216		
		380	35E-PLS-A003		865-1065	434		211	229		
	Non-Sideshifting Load Push	455	35E-PLB-A001		1015-1220	450		234	218		
		380	35E-PLB-A003		865-1065	427		213	231		
2050	Sideshifting Push/Pull	455	45E-PPS-A001	2A Bolt-On②	1015-1220	516	165	231	216		
		380	45E-PPS-A003		865-1065	491		211	229		
	Non-Sideshifting Push/Pull	455	45E-PPB-A001		1015-1220	509		234	218		
		380	45E-PPB-A003		865-1065	484		213	231		
	Hydraulically Adjustable Platens & Sideshifting	455	45E-PHS-A001①		1015-1220	519		231	216		
		380	45E-PHS-A003①		865-1065	495		211	229		
	Sideshifting Platens	45E-PPJ①Consult Cascade									
	Sideshifting Load Push	455	45E-PLS-A001		1015-1220	470		241	208		
		380	45E-PLS-A003		865-1065	445		221	223		
	Non-Sideshifting Load Push	455	45E-PLB-A001		1015-1220	464		244	211		
		380	45E-PLB-A003		865-1065	439		223	223		

- ① 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. Please specify truck voltage when ordering.
- ② Quick-Disconnect mounting also available.
- This unit is solenoid equipped for the Sheet-Sav™ function. A two-function hydraulic supply is required. The sideshift and push/pull functions are actuated directly with the auxiliary valves. The Sheet-Sav™ function is actuated by depressing the solenoid button and then actuating the push/pull valve. The control knob with a push button is included.
IMPORTANT: Solenoid voltage must match truck voltage. Please specify truck voltage when ordering.

INSTALLATION KIT

Type	Catalog Order No.
PPB, PHS, PPJ, PLB	685558
PPS, PAS, PLS	685559

APPLICATIONS

455 X 1220 mm Platens: Recommended for applications where push/pull will not be handling pallets. Provides 1015 mm minimum width slipsheet base.

380 X 1220 mm Platens: Recommended for applications where push/pull will be used to handle pallets. Provides 865 mm minimum width slipsheet base.