

## Reduce Unloading Site Dirt & Safety Issues

The POCKETPATH Hopper Car Connector is Industry's most heavy-duty and cost-effective solution for eliminating the time-consuming, dangerous, and environmentally harmful job of unloading covered hopper cars. The Connector is regularly specified for unloading sites where wind-blown powder or product dust can create pollution problems; where moisture, dirt or other contaminants can't be tolerated; where it's difficult to control insect or rodent infestation; where it can help with meeting OSHA or EPA guidelines for railcar unloading sites; where the chance of worker injury is high because of the dangerous practices of climbing under cars to manually clean-out hopper grooves and attach boots.

The POCKETPATH Connector is designed to easily install aboveground, between the track flanges and below the top of the track rails. Installation can be completed by a 3-man crew in less than 4-hours including attaching the Connector's funnel boots to the under-track storage or transport system.

From then on, unloading the hopper car is a one-man, hassle-free, 4-step job: (1) rough spot the car over the Connector; (2) use the Connector's manual or pneumatic aligner to precisely align the Connector to the railcar pockets; (3) \* set the spread rod adjustment stops so that the funnels line-up with the car pockets; (4) move to the site-convenient Control Console to activate the DL Valve for the Dual Lift Cylinders which raise the unit, and DS Valve\* for the Dual Spread Cylinders which spread the funnels to align with the railcar pockets. The Connector then automatically and smoothly rises, with a constant 2500 lbs. of sealing force, as the railcar empties, and continuously self-adjusts to the railcar's cant.

After the car is unloaded, the valves are reversed to close the funnels, and lower the Connector to its rest position beneath the track tops. Total plant air consumed < 3 CFM @ 80 PSI of a filtered, regulated & lubricated air supply. Finally, the Operator locks the Control Console's hinged lid to prevent unauthorized use . . . and moves onto the next job.

**\*PPD Model Only**

**1. Dual, heavy-duty, air-actuated Spread Cylinders w/SS piston rod assemblies assure uniform control of the funnels' open/close cycling.**

**2. Dual, 4" dia. heavy-duty, air-actuated, hydraulic Lift Cylinders w/polished chrome piston rod assemblies assure smooth, automatic, positive sealing.**

**3. Locking adjustment stops on the side-mounted Spread Rod Guide assure an accurate, consistent, funnel-to-pocket alignment.**

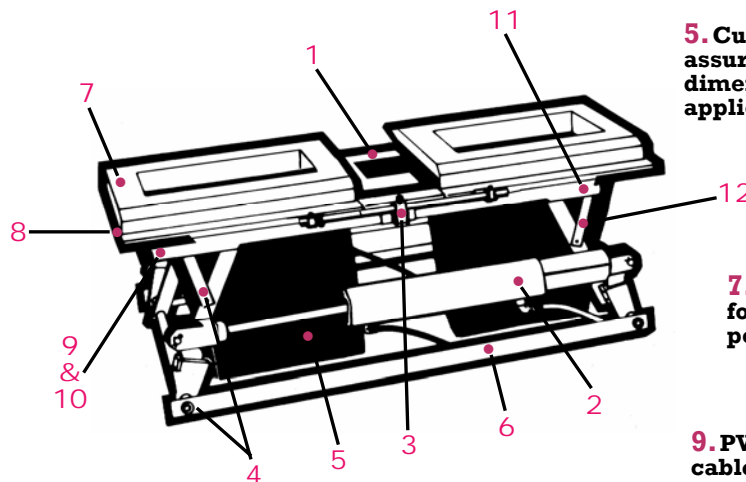
**4. Nylon Bushed moving parts assure friction-free operation, long life, and minimal, easy to perform maintenance.**

**6. Baked-on powdercoat finish, and SS fasteners assure the Connector will withstand harsh environments.**

**8. Heavy-duty (7-ga) funnels assure twist-free, balanced seating against car pockets during lift extension cycle.**

**10. Cable lock mechanism assures "set-and-forget" cable tension adjustment.**

**12. Heavy-duty (3-ga) Stabilizer Bars assure a smooth, "no-catch" operation during Up/Down travel, regardless of conditions or duty cycle.**



**5. Custom-made, Flexible Boots assure the Boot fabric and dimensions are matched to each application.**

**7. Replaceable, high-density foam seals assure a dust tight pocket-to-funnel connection.**

**9. PVC coated, high-strength, steel cables w/cable guards assure safe installation, long-life, constant engagement, and positive tracking.**

**11. Heavy-duty (7-ga) channel tracks assure the frame won't deform because of automatic rise and cant adjustment features.**

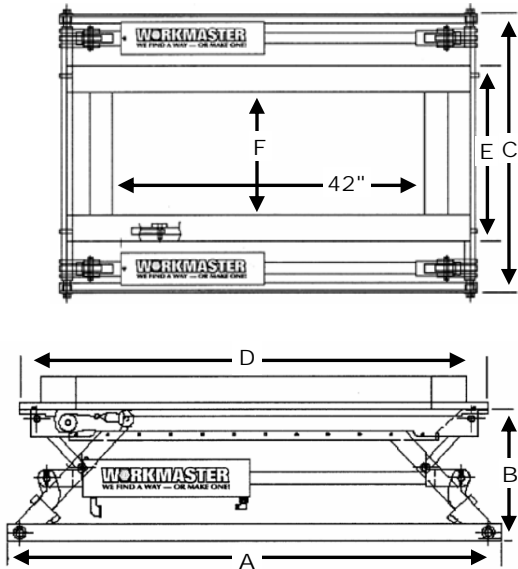
**PPD-Double Pocket Unit Shown**  
**PPS-Single Pocket Unit Available**

# POCKETPATH CONNECTOR

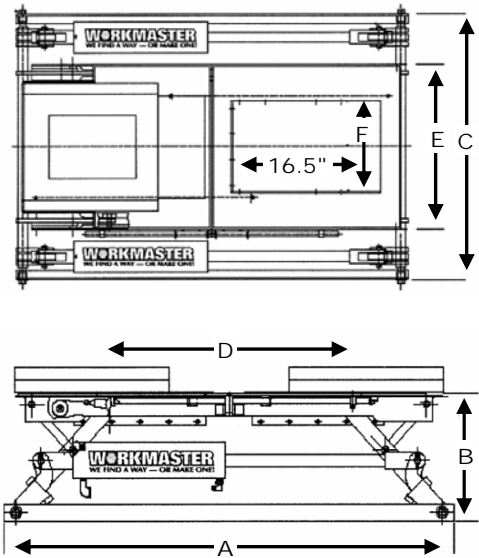
Model	A	B*	C	D	E	F Funnel Opening
PPS-24	57	18.5	40.63	54	29.2	22
PPS-30	57	18.5	48.6	54	37.3	30
PPSR-18	57	18.5	36.38	51.5	29.2	∅ 15**
PPD-18	57	18.5	36.38	54†	23.1	12.5
PPD-18-GATX	57	18.5	36.38	54††	29.2	12.5

All Dimensions = inches \*Retract Hgt. 5.5" †Extended 69" ††Extended 76.63" \*\*Other Dia. Avail.

### PPS-24 • PPS-30 Single Pocket Connector



### PPD-18 • PPD-18-GATX Double Pocket Connector



## OPTIONS AND ACCESSORIES

### ◆ ALIGNERS

Simplify Positioning the Connector's frame to meet the Car's Pocket with an ALIGNER:

- Manual: 6" OA Adj. (3" L/R of C/L).
- Pneumatic: 8" OA Adj. (4" L/R of C/L).

### ◆ CYLINDER COVERS

Provide protection of Spread & Lift Cylinder's rods and seals from contamination.

### ◆ CUSTOM DESIGN

For unique railcar applications, special modifications, or truck unloading, call your WORKMASTER Distributor for job-specific information.

### ◆ ADAPTOR SHEETS

Enable Connector's opening to adapt to any Hopper Car's Pocket Design.

### ◆ TRANSITION FUNNELS

Convert a PPD style Connector to a PPS style - or vice versa!

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