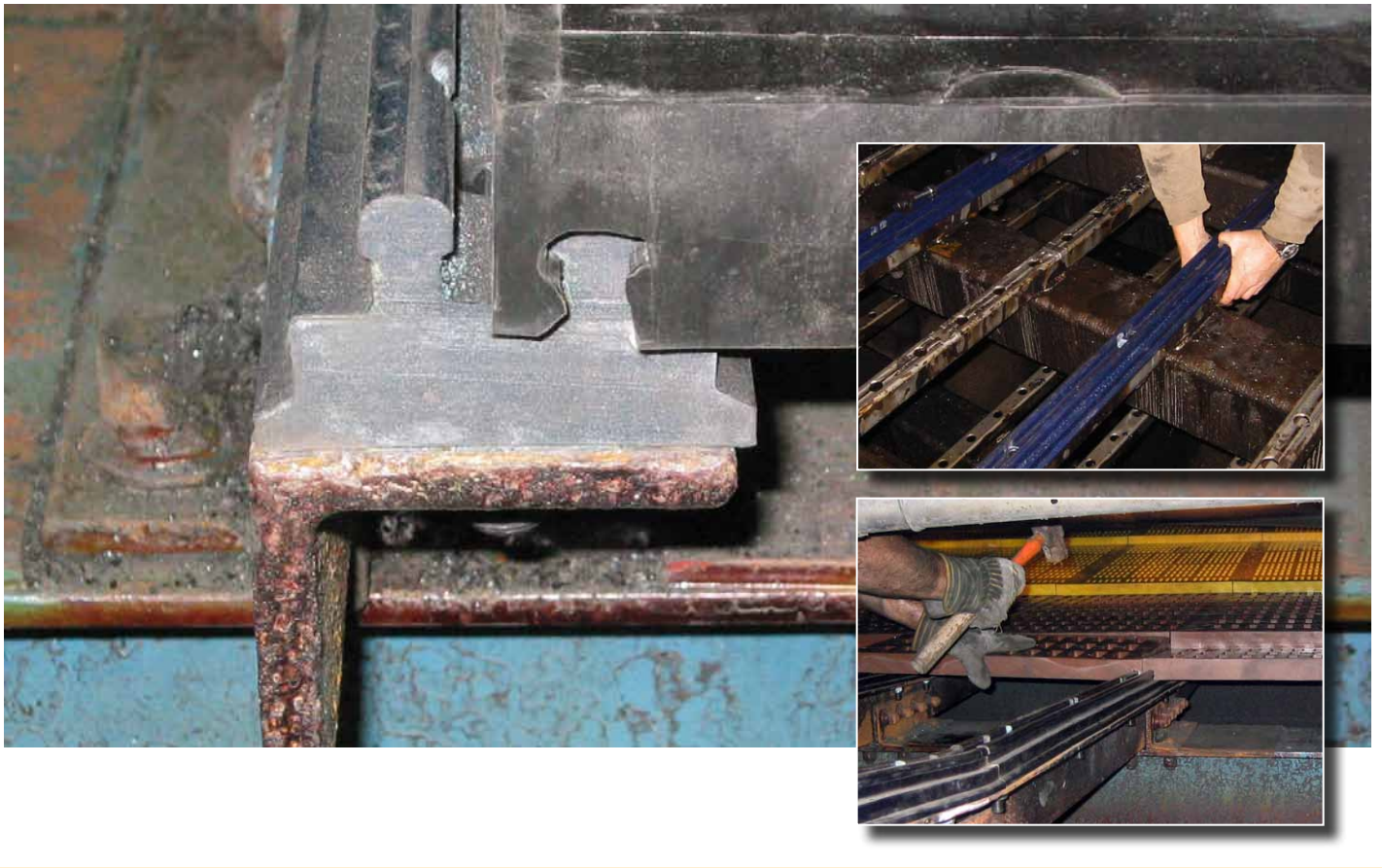


# PolyRail System



## DESCRIPTION

Our PolyRail™ fastening system is a flexible, easy to install screening system that attaches to a wide range of screen deck frame support rails, including channel and angle iron. It's heavy-duty, steel reinforced core is molded into the design of the polyurethane PolyRail™ to ensure secure installation and exceptional holding power.

## BENEFITS

Polydeck's PolyRail™ system features a range of features and benefits that offer advantages in a variety of applications. Specific advantages of the rail system include:

- A wider 3" base than competitive systems provides outstanding stability and longer service life.
- One-piece construction allows PolyRail™ strips to be quickly and easily bolted to existing systems which keeps conversion downtime to a minimum and simplifies panel installation and removal.
- Where deck clearance restricts human movement, its continuous rail construction allows panels to be snapped in and slid along the rail to their final position.
- It is easy to convert to the PolyRail™ system without any cutting or welding.
- It takes less time to install (as little as 3-4 hours for an 8' X 16' deck).
- It easily installs on a variety of screen types (banana, horizontal, or incline).

- The PolyRail™ system has the most secure positive locking rail fastening system in the industry, with a proven track record in the most difficult applications and/or in high G-force (above 5 Gs) operating conditions.
- Rails are manufactured out of a rugged polyurethane compound which provides the longest service life in the industry. Injection molding technology assures consistent quality and accuracy in the critical area of the locking mechanism.

Individual screen panels molded to fit the PolyRail™ fastening system also offer a variety of performance advantages over competitive panels:

- 2' wide screen panel design offers convenient access through the deck to perform maintenance on lower decks and/or chutes.
- Injection molded screen panel construction offers a variety of integrated surface configurations such as dams, skid bars, deflectors, etc. (surface configurations from competitive systems are attached by gluing, screwing, etc. which may not provide a secure bond)
- Deflectors offer additional surface footing on steep incline bananas.
- Injection molded panels offer the most consistent openings and accurate tolerances are maintained, assuring you are not losing material that should be carrying over.

## OPTIONS

PolyRail™ strips are typically available in 4' lengths but can be cut to fit any screen deck arrangement. The most common PolyRail™ panels measure 12" long by 24" wide but can be molded in other lengths to fit specific machine designs. PolyRail™ screen panel designs range from solid panels for high impact areas to slotted openings (from .35mm X 10mm to 32mm X 75mm) to continuous slot panels (opening widths of .65mm, .85mm, 1mm, 1.5mm, and 2mm). Dams can also be molded into the screen panel design, which can slow material movement down the deck surface for more effective dewatering and/or screening efficiency.

