STACKER BARS

COMPONENTS FOR CONTAINER LEHR LOADING

Several stacker bar designs are available from Pyrotek. Each is precision-designed and constructed with container handling as the top priority. A comprehensive selection of support bar, individual pocket, and glass-contact pad material options are available to accommodate any type of container, or manufacturing process. Each bar design is customized with any customer specified center spacing, lehr loading capacity (number of pockets), and overall length. This customization provides a perfect fit to any new or existing line.

BAR COMPONENTS OPTIONS

Mounting & Support Bars

High strength, high-temperature bars designed to prevent warping and reduce maintenance time. Depending on customer requirements, and the type of bar design chosen, material options include steel or stainless steel tubing, channel, or angle. For the most severe environments, titanium or Inconel support bars are available upon special request

Pocket Designs & Materials

Quick-change Aluminium Insert Holders

A lightweight design, incorporating the latest technology in low-maintenance stacker bars. Allows for quick-change of individual pockets which are held tight during operation by Pyrotek's proven single pin fastening system. This system eliminates the chance of parts vibrating loose by eliminating the need for any tedious nuts, bolts, rivets, or other common causes of pocket replacement. Glass contact pad materials can be affixed directly to the face of the unique Pyrotek holders, or the holders can be slotted and fit with a machined triangular or pocketed glass contact insulator insert.

A variety of standard holder/insert options are available to accommodate most container sizes, types and center spacing. All aluminium insert holders are constructed of the highest grade, specially-treated, aerospace aluminium alloy for maximum retention of strength at temperature.

ADVANTAGES

- Custom designed to specific handling requirements for any new or existing line
- Comprehensive material selection ensures stacker bars are built to suit operating needs
- Quick-change and/or adjustable-pocket bars reduce maintenance and downtime
- Extra long life contact materials and fast-change inserts reduce both material and maintenance costs

AVAILABILITY

- All Pyrotek stacker bars are customized to specific customer requirements based on existing Pyrotek bar, pocket, and insert designs
- Standard quick-change aluminium insert holders are available from stock with or without adjustable center spacing
- Spring-loaded machined insert pockets as per customer specifications
- Welded steel angle construction with steel channel, angle or tubing for support bar

APPLICATIONS

- Container stabilization and lehr loading

Spring-Mounted Machined Pockets
A low-maintenance pocket design, machined directly into the contact material, and mounted to the support bar via spring-loaded fasteners. Single or multi-pocket inserts eliminate the need for metal insert/pad holders, and act as a 'shock absorption' system to help prevent insert breakage during severe crashes. A variety of pocket shapes and materials can be chosen based on operating requirements.

Fixed Welded Pockets
Welded construction of this basic design does not allow for individual pocket replacement (in the case of pocket damage.) Steel angles or custom contoured pockets are welded directly to the support bar. Contact pads can be mounted to the pocket face, or machined slots can be incorporated to allow for the use of quick-change inserts similar to those used in the quick-change aluminium insert holders.

Insulating Pads
Pyrotek stacker bar inserts are made from carbon composite materials that exhibit excellent strength, good wear resistance, low edge thermal conductivity and are engineered to last longer than other similar materials on the market.

†Please contact your Pyrotek sales engineer for additional technical information on these materials.
Note: The physical and chemical properties listed represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice.

Product Type: 518

Commodity Code: 11007, 13001, 14005