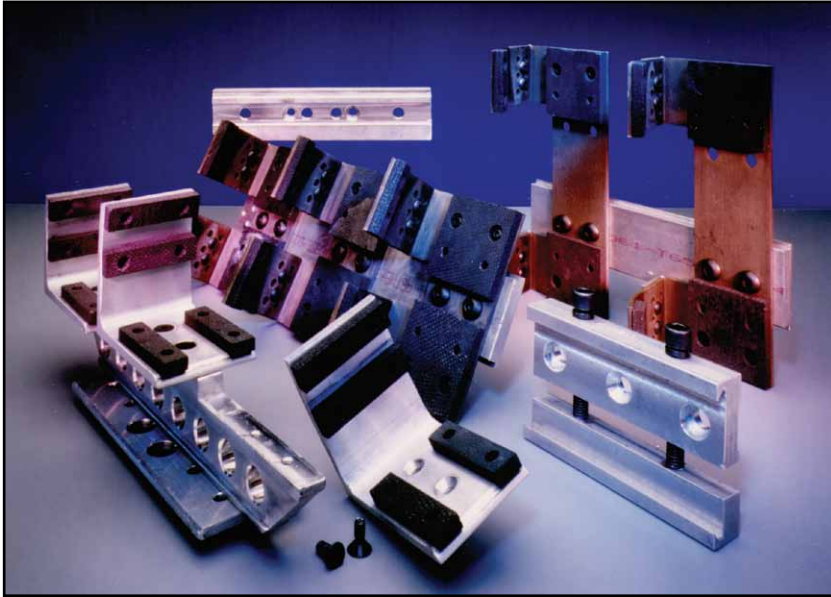


SWEEP-OUT BASKETS

FOR CONTAINER HANDLING



Pyrotek manufactures a variety of standard sweep-out designs which can be adapted to virtually any container sweep-out assembly. These standard designs are kept in stock and are ready for immediate delivery with or without sweep-out mounting brackets and adaptors. All of the standard single, double, triple and quad sweep-out configurations can be easily modified to meet exact customer specifications.

Most Pyrotek sweep-outs are constructed of lightweight, welded aluminum, uniquely processed to provide an unequalled strength to weight ratio at elevated temperatures. Bending and breakage are practically eliminated through the use of the proven aerospace alloy and high impact pad materials.

A variety of quick-change and adjustable sweep-out designs are available. Many of the standard sweep-outs are made to fit standard quick-change mounting brackets, which eliminate the need to reset the sweep-out calibration each time it is changed. Most Pyrotek sweep-outs allow interchangeability for either left or right handed machines. This type of sweep-out and mounting bracket combination is designed for on-line change-out during container processing, eliminating the need to shut a section down for repair.

ADVANTAGES

- Lightweight designs offer unequalled strength to weight ratios at elevated temperatures
- Standard sweep-out designs are readily available from stock
- Custom sweep-outs and design assistance available
- Pyrotek sweep-out construction virtually eliminates failures due to bending and breakage
- Quick-change sweep-outs reduce downtime and can be installed while machine is running
- Quick-change mounting brackets eliminate need to reset section calibration during change-out
- Comprehensive material selection ensures sweep-outs are built to suit operating needs

AVAILABILITY

- Standard and custom designs for single, double, triple and quad sweep-out mechanisms
- Quick-change styles
- Adjustable designs for both front/back and left/right sweep-out finger spacing

SWEEP-OUT BASKETS

MATERIAL OPTIONS AVAILABLE

| Sweep-out Basket Frame Material | |
|---|---|
| Specially-treated, Aerospace Aluminium* | <ul style="list-style-type: none"> • Lightweight frame extends life of sweep-out mechanism and components, while providing smoother operation. • Its extra high strength at temperature will not deform or break, even in most crashes. • Strong joints at bends and welds reduce the chance of mechanical failures at stress points to provide longer life. • The extremely rigid aluminium makes accidental and intentional bending or twisting of sweep-outs very difficult. |
| High-strength Aluminium | <ul style="list-style-type: none"> • Lightweight frame extends life of sweep-out mechanism and components, while providing smoother operation. • Its high strength at temperature will not deform or break during typical operating conditions. • Strong joints at bends and welds reduce the chance of mechanical failures at stress points to provide longer life. • Provides some flexibility after forming to accommodate bending or twisting without breakage. |
| Hot-rolled Steel | <ul style="list-style-type: none"> • The heaviest material option, hot-rolled steel provides the highest strength and temperature resistance. • Recommended for use in only the most severe operating conditions due to increased wear on sweep-out mechanism and components. |
| Insulating Pads** | |
| MCX-40* | <ul style="list-style-type: none"> • Resistance to 538°C (1000°F) temperatures prevents wear due to oxidation and allows it to be used in the most severe operating conditions. • A dense material, with low porosity, it will not delaminate, or absorb oil and other contaminants. It also provides extremely high impact and mechanical properties. • Offers the highest-wear resistance of any pad material to extend sweep-out life. • Non-damaging to glass, its low thermal conductivity eliminates 'checks'. • Lubricating mica material is nonabrasive and will not leave marks or scratches. |
| TS-450 | <ul style="list-style-type: none"> • Low-cost/highest strength sweep-out pad material. However, due to its laminated construction, wear resistance is slightly lower than MCX-40. Delamination can occur if material is not machined properly, making wear detection difficult. • Features 538°C (1000°F) temperature rating. • Extremely low porosity, eliminates oil absorption and is non-damaging to glass. |
| S-679 | <ul style="list-style-type: none"> • Graphite material offers highest lubricity available, superior temperature resistance, and proven non-damaging characteristics. • Recommended for delicate jobs due to its reduced impact and flexural strengths. |
| S-260 | <ul style="list-style-type: none"> • A high-performance carbon/carbon material recommended for only the most severe sweep-out environments. |
| TS-550 | <ul style="list-style-type: none"> • Offers low porosity, high strength, and high temperature resistance. • One of the most economical and wear resistant materials available in this high temperature material category. |
| Mounting Brackets | |
| Hot-rolled Steel | <ul style="list-style-type: none"> • For use only where weight is a serious concern due to reduced mechanical strength. |
| Aluminium | <ul style="list-style-type: none"> • Recommended for high strength and durability. |

* Materials recommended for most applications.

** 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: 501

Commodity Code: 13007, 14005

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