

## Feed Boxes



### DESCRIPTION

The feed end of a screen deck takes a tremendous pounding, particularly in scalping applications. Material from the belt typically hits the deck surface in high volume and within a concentrated area and, as a result, can quickly wear out the screen media. Many producers add an additional section or feed box to their top deck in order to save some of the wear and tear on the first few feet of screen media.

### BENEFITS

Polydeck feed boxes are customized to each screen deck to provide the appropriate width and depth and to match the deck surface elevation. Our feed boxes are typically bolted to the deck frame and lined on the back, sides and surface with replaceable solid rubber or polyurethane panels. This approach provides a tremendous benefit in reduced labor costs because liner panels can simply be replaced as they wear rather than cutting off a steel box and welding on a new one. Polyurethane or rubber liner panels are also much quieter than steel during operation.

### OPTIONS

Design options for our feed boxes are only limited by the configuration of the screen deck and the available space between the deck and the belt. Liner panels are available in thicknesses from 30mm to 100mm and have a variety of material and fastening options. For the floor surface of the feed box, solid panels with an integrated pin-type fastening are typical but PolySnap® or bolt-down styles are also available. For the sides and back surfaces, although some producers choose no lining at all, we offer an applied rubber lining option as well as bolted-on, steel-backed rubber or an economical UHMW (ultra-high molecular weight) polyurethane.