

HOYT SMOOTHTOP WIRE SCREENS: Dramatic Wearlife Improvement.



THE SMOOTHTOP CONCEPT:

- Increased wear-life
- Lowered cost
- Fewer change-outs



fig. 3

The design engineers at HOYT know that the life of a wire cloth panel is not based on wire hardness alone. This knowledge and stringent product testing has lead HOYT to develop the Smoothtop technology which has increased the wear-life of each panel.

SUPERIOR MANUFACTURING

HOYT's unique crimping methods result in a flat, locking crimp (fig. 1) that stays tight even when worn "paper thin". The competition uses a rounded "lock" crimp (fig. 2) that easily comes loose, even under normal vibration. When the "Lock" crimp comes loose, the panel literally wears itself out. Smoothtop panels will outwear the competition by a wide margin, sometimes as much as 2:1.



fig. 1



fig. 2

SUPERIOR DESIGN.

HOYT's Smoothtop design has no high points to wear away (fig. 3). Smoothtop presents 50% - 70% more wire to the material flow. The high "knuckles" of the competition's "Lock" design are quickly worn away by the material flow (fig. 4). Once 30% of the "knuckles" are worn away, the screen loses its lock and starts to come apart. On a Smoothtop panel, all the "knuckles" are underneath the panel, out of the flow of material. The result is a superior wire cloth panel that wears longer and extends your time between change-outs.



fig. 4

SUPERIOR SERVICE.

Every HOYT sales engineer is an expert in the industry and serves HOYT's customers exclusively. Our team assists each customer as an individual and can advise on the best custom solutions for greater productivity.