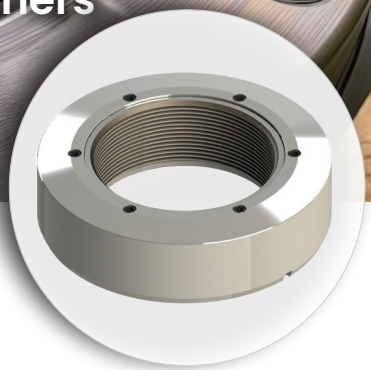
# EziTite® Hydraulic Head Nut

- Abrasive-Resistant Sacrificial Cover
- Protects Operators from Strike & Shrapnel Injuries
- Precise Hydraulic Seating for Gyratory Crushers
- Eliminates Hammering & Flame Cutting



Since the development of the gyratory crusher, the quarrying industry has sought more effective and safer means of tightening mantle head nuts.

The **EziTite® Hydraulic Head Nut** system was successfully developed by Technofast to replace standard mantle head nuts.

A primary consideration of this design is the protection of operators from strike or shrapnel injuries commonly associated with hammer tightening.

## Operation

The **EziTite® Hydraulic Head Nut** assembly is screwed by hand onto the crusher shaft until the base is tight against the mantle's working face.

Hydraulic pressure is applied through a nipple fitting into the sealed chamber, forcing the piston and nut body apart to seat the mantle onto the machine's taper.

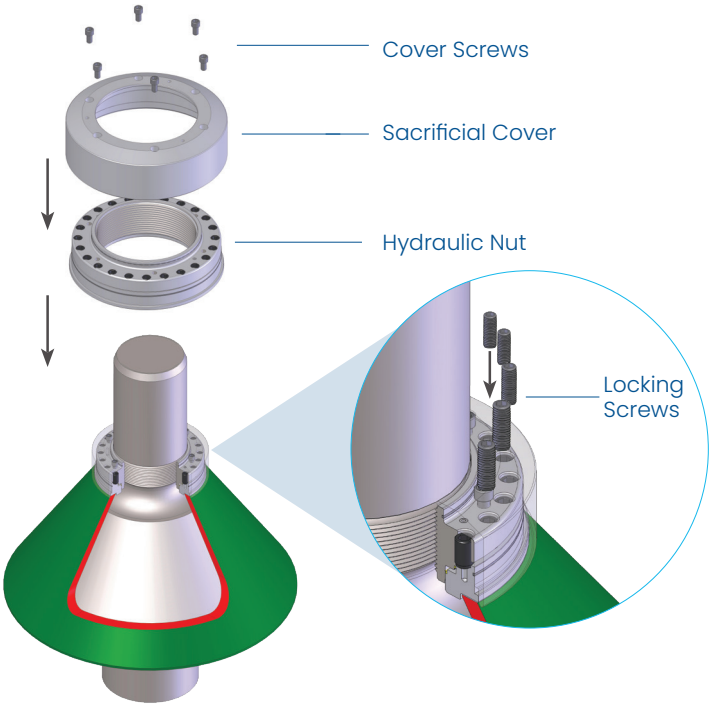
Mechanical locking screws or rings are then engaged to retain the tensile loads. To remove the assembly, the process is reversed and the nut is removed by hand.

This eliminates the need for large hammers or flame cutting of the burn ring, significantly improving site safety and reducing maintenance downtime.

## Features

The **EziTite® Hydraulic Head Nut** is designed for high-performance clamping in extreme quarrying environments. Some features include:

- Mechanical locking screws or rings retain all tensile loads
- Threaded collar counteracts rotating impact forces
- Simple hand-operated installation
- Customisable for material abrasiveness




**Patent Protection:** Australian and International Patents Granted & Pending.
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