

TC1150 CONE CRUSHER FEATURES

New "straight-lift, no-weld" mantle liner; common mantle for all concave configurations

Choice of three concave configurations:
Extra-Coarse/Medium-Coarse/Fine

Short, protected inner skirt allows larger closed side setting (CSS)

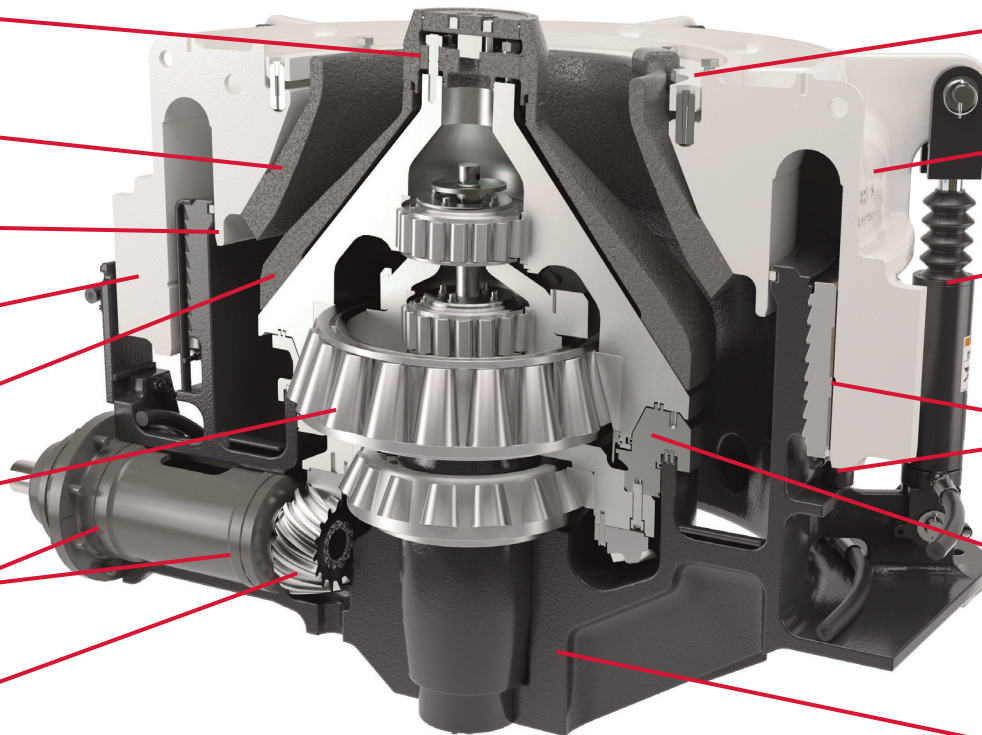
Two anti-rotation posts allow upper frame to be located in two positions

Thick concave and mantle liners for increased wear life

Tapered roller and parallel bearings throughout for improved efficiency

Roller bearings in countershaft allow for a 360° drive motor location around drive shaft

Spiral bevel pinion and bull gear increase drive gear contact and reduce running noise



New bolt-in concave retention ring eliminates the need to hammer in concave retention wedges

One-piece cast steel upper frame with cast-in lifting points; common upper frame for all concave configurations

Long stroke length on clamping cylinders allows a large tramp clearance; high hold-down pressure for tight settings; internal linear transducer for CSS monitoring

Large wedge ring contact area and extra hydraulic locking rams result in better cone performance at smaller CSS and/or arduous applications

Labyrinth seal arrangement between head and eccentric and between eccentric and main frame, preventing dust and dirt ingress without the need for a positive air displacement circuit

High strength cast steel main frame with common foot print

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