

Optimized separation process

The ATOX raw mill is provided with various mill inserts to achieve the most appropriate gas and material flow through mill.

Thereby is achieved an optimum utilization of the built-in high-performance separator and a correspondingly high efficiency of the combined grinding and separation process.

High performance gear unit

The standard main gear unit for an ATOX raw mill is the compact bevel-planetary type supplied by MAAG Gear.



Bevel- planetary gear type

The axial thrust bearing supporting the grinding table and the grinding force is a reliable hydrodynamic/semi-hydrostatic bearing of segmented design. All the thrust pads are immersed in an oil bath.

The lubricant for the thrust pads and for the internal gearings/bearings is conditioned and filtered in a separate pump station.

Reversing and replacement of roller wear segments

The roller wear segments can easily be reversed or replaced inside the mill, i.e. without taking the rollers out of the mill. The separator reject cone is provided with rail and trolley for that purpose.

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