

Crusher HP-CA

Cost-effective solution for the crushing of Minerals

The HP-CA fully automatic jaw breaker machine is a cost –effective solution for the crushing of a range of mineral types: silicates, clinkers, ceramic materials, ores, sinters, slags and other crushable, organic substances.

The sample material is inserted in stainless-steel cups into the manual insertion point or in an insertion magazine. The cup is emptied automatically when the machine is started. The operation cycle is executed in accordance with the preselected processing parameters such as duration of crushing and cleaning time.

Following the crushing process, the precrushed sample material is poured back into the insertion cup and returned to the insertion position by the internal transport system.

The automatic jaw breaker, Model HP-CA can easily be combined with other modular HERZOG machines such as feed and discharge magazines, an automatic pulverizing mill, Model HP-MA, an automatic pellet press, Model HP-PA, or an automatic fusion machine, Model HAG-G.

After each crushing cycle the jaw-breaker is cleaned automatically by compressed air. The resulting residual dust must be removed by an external dust exhaust facility.

The HP-CA is controlled via a PLC -System to meet the needs of the crushing process.

The HP-CA automatic jaw breaker is fully enclosed and insulated against noise and requires a minimum of manual intervention and maintenance. Safety switches switch off the automatic jaw breaker automatically in the event of failure of the pneumatic system. Operating faults are signaled on a display.

With its comprehensive and complete automation the HERZOG HP-CA automatic jaw breaker guarantees precise, reproducible analytical results.

All modules are integrated into the machine housing and are easily accessible via doors in the upper part of the housing.

The design of the machines correspond to the current German accident prevention and VDE regulations. We reserve the right to make technical changes.

