

Impact hammer crushers OKD

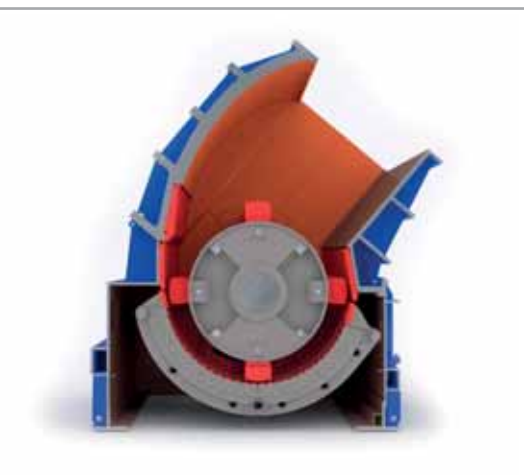
CRUSHING



Crusher OKD 1616 in the manufacturing plant



Crusher OKD 2020 – limestone crushing 450t/h



Cut through the crusher OKD

Impact hammer crushers

Impact hammer crushers OKD are machines of a progressive design that combine advantages of impact crushers and hammer crushers. They are especially used for one-stage crushing of extracted limestone, dolomite,

gypsum, limestone marl and other medium hard materials. Crushers OKD are suitable for cement technologies where a ball mill is part of the grinding plant.

Main operating properties are:

- high operating reliability
- low cost for operation and maintenance
- long service life of main crushing elements
- high specific throughput and degree of comminution
- capability to crush even materials containing sticky components
- hydraulic device opening houses, adjusting crushing grate and extending hammer bars

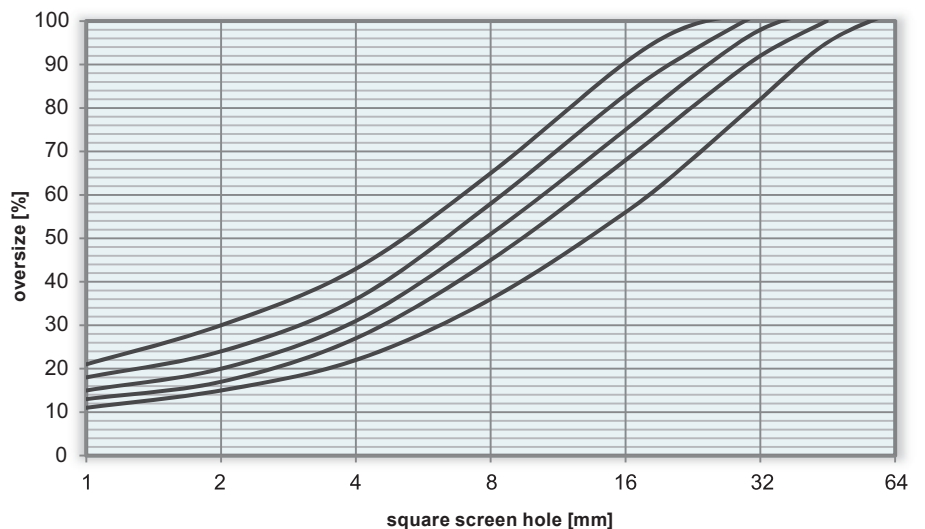
The crushing area consists of a rotor, great crushing chamber over the rotor for coarse crushing and crushing grate under the rotor for final crushing. This arrangement provides high crushing ratio (90% up to 25mm with a grate slot 40mm).

The crusher grate is used as a safety device when a non-crushable piece gets into the crusher when the grate plate is bent or possibly broken and it falls out of the crusher. There is no contact among grate plates with rotating hammers.

Main parameters

Type	Inlet opening size mm	Max. inlet piece		Capacity *	El. motor kW
		m ³	mm		
OKD 0604	500x400	0,01	300	22-45	30-40
OKD 0608	500x800	0,01	300	45-75	55-75
OKD 1010	800x1000	0,08	600	70-100	90-132
OKD 1313	1020x1260	0,25	900	130-180	200-250
OKD 1316	1020x1600	0,3	900	190-250	250-315
OKD 1616	1275x1600	0,5	1200	240-320	315-500
OKD 2020	1600x2050	0,75	1500	350-500	500-800
OKD 2525	1970x2510	1	1800	550-750	1000-1250
OKD 2532	1970x3220	1	1800	700-1100	1400-2000

Grain size composition of the product of crushers OKD with different crusher adjustment



The product size and capacity of crushers OKD depend on mechanical properties of the crushed material, inlet piece size, crushing plate slot and other factors.