

COMBINED MACHINE: NON-DISCHARGING SHAKE OUT / SPIRAL CRUSHER



APPLICATION AND FUNCTION:

This combined machine serves to shake out castings from moulds with cold-resin bonded moulding sand. Additionally the sand lumps are crushed in a cylindrical-shaped crusher bin. Afterwards the sand is conveyed upwards by means of a spiral path inside the cylindrical bin and finally passes a fine screening section. Oversize material automatically returns to the crusher bin.

TECHNICAL DATA:

Load:	10.000 kg max.
Capacity:	10 t/h max.
Grate dimensions:	2.800 mm x 2.800 mm
Dimensions of the crusher bin:	1.800 mm
Construction height upper edge of the grate to upper edge of the bottom:	2.750 mm
Drives:	2 JV 276-2050 (installed on cooling plates)
Construction:	HICAD / 3D - FEA strength investigation