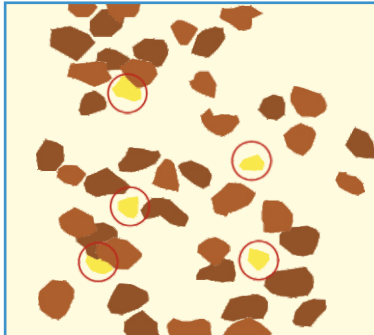


RGS-3

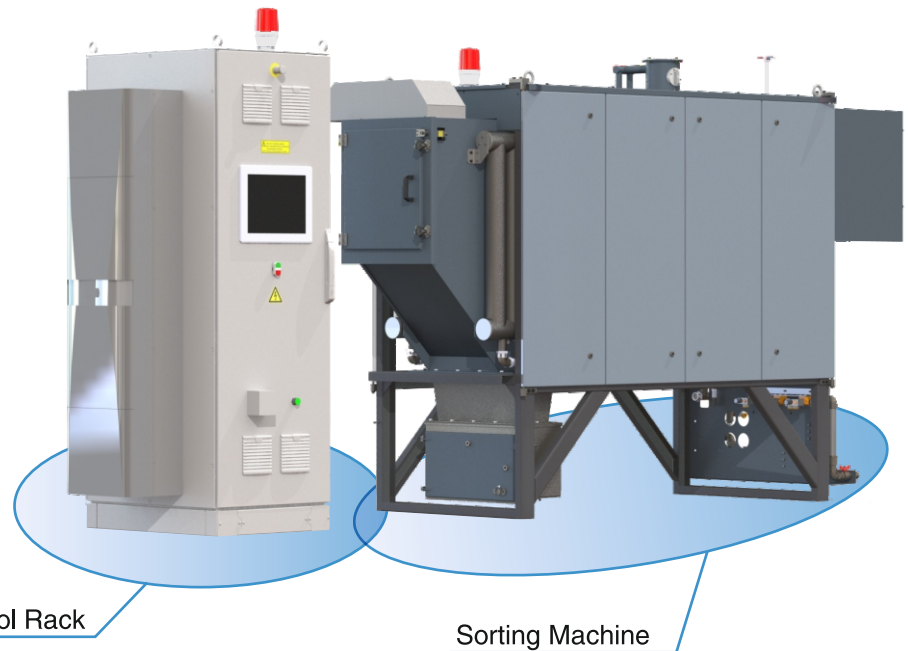
Concentrate
retreatment

-6+1 mm

New product



Example of transmission image with rock particles and diamonds (marked with the circle)



Automated Control Rack

Sorting Machine

X-ray transmission sorter RGS-3 is a diamond recovery machine designed for concentrate treatment of DRY material with size range -6+3 mm, -3+1 mm.

Main specification

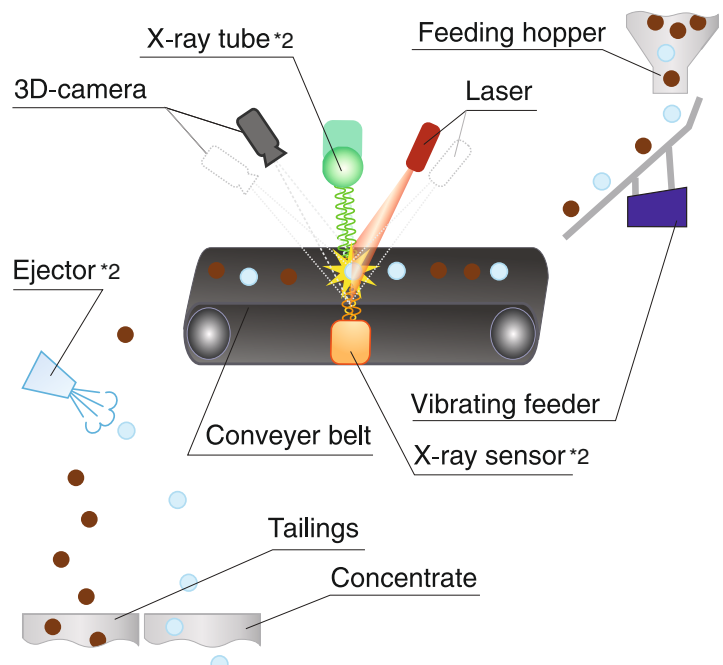
Size fraction, mm	-6+3	-3+1
Throughput, kg/h	600	400
Yield per one ejection, mg	400	200
Recovery rate, %	99	98.5
Type of material	dry	

Material feeding and detection system

Material feed	Vibrating feeder
Flow	2
X-ray tube	2
X-ray sensor	2
3D-camera & Laser sensor	2

Sorter's supply

Power consumption, kVA (single phase, 220V/50Hz)	10
Cooling water consumption, not less than, l/min	12
Consumption of compressed air per 1 ejection, l	0.1
Compressed air consumption, not less then, l/min	50



	Dimensions, mm	Weight, kg
Sorting machine	3100x1010x2200	1410
Automatic control rack	900x900x2200	340

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