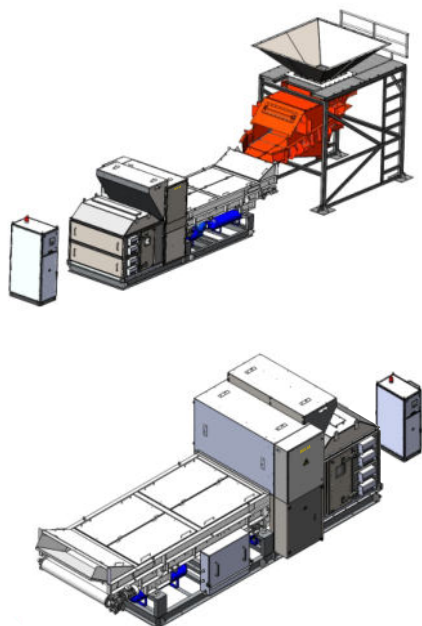


RGS-6A

Primary treatment

-100 +6 mm

New product



X-ray transmission (XRT) sorter RGS-6A is designed for enrichment of dry or damp mineral raw materials with size range -100 +6 mm. The operating principle of the sorter is based on the ability of materials to absorb X-rays. By studying the contrast between the enriched mineral and the accompanying ore, it allows for effective sorting and improvement of the yield quality. The sorter consists of a sorting machine (SM) and an automatic control rack (ACR).

Main specification

Size fraction, mm	-100 +50	-50 +25	-25 +12	-12 +6
Throughput up to, t/h	до 186*	до 93*	до 47*	до 33*

Type of material damp/dry*

Material feeding and detection system**

Material feed	vibrating feeder and conveyor belt
Operational width, mm	1200
X-ray tube	1
Detection module	1
Laser sensor	1

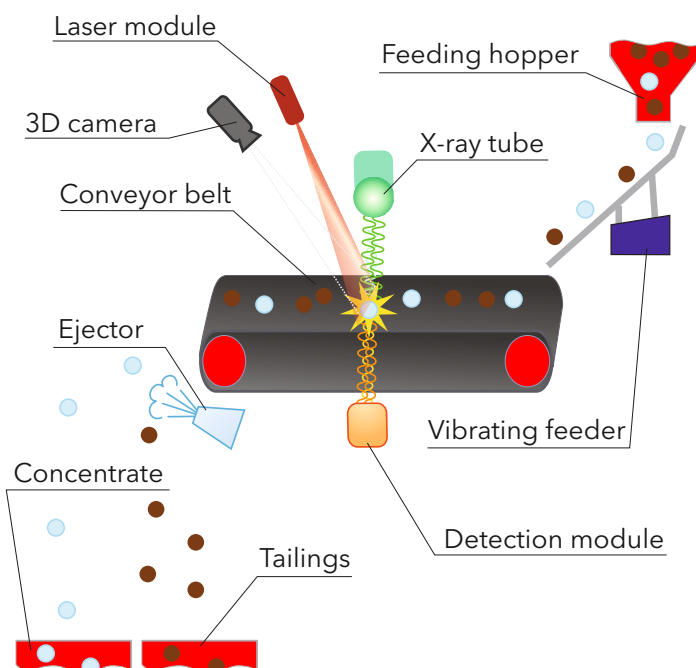
Sorter's supply

Electric power, kW*A	(1-phase network, 220V /50Hz); (3-phase network, 380V/50Hz). not less than	11
Cooling water consumption, l/min,	not less than	4.5

	Dimensions, mm	Weight, kg
Sorting machine (SM), max	6180x2190x2480	7000*
Automatic control rack (ACR), max	1090x905x2055	335*

*- Preliminary information

** - Multi-channel pneumatic ejector system with local or group ejection



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