

RGS-6A

Primary sorting

-100+6 mm

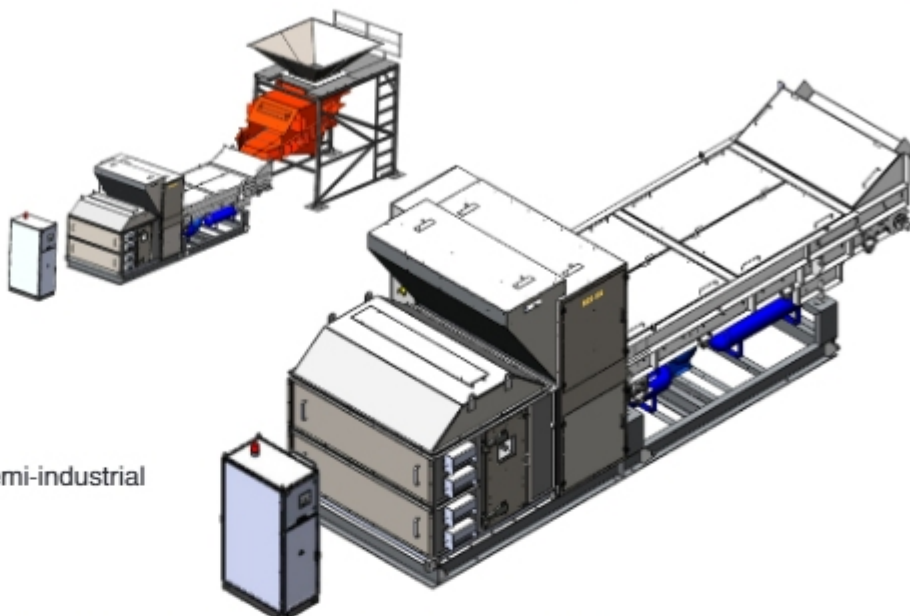
New product

Enrichment:

- gold and silver ores;
- copper and zinc ores;
- tungsten ores;
- magnesite ores;
- platinum ores;
- platinum ores;
- tin ores;
- lead ores;
- chrome ores;
- mercury ores.

Separation of metallurgical slags.

Enrichment of other ores from industrial and semi-industrial types of deposits.



X-ray transmission (XRT) sorter RGS-6A is a recovery machine designed for primary treatment of dry or damp material with size range -100 +6 mm. The principle of the sorter's operation is based on the property of materials to absorb X-rays. Processed minerals absorb less X-rays than the associated ore. 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, t/h	up to 186*	up to 93*	up to 47*	up to 33*
Type of material	dry or damp*			

Material feeding and detection system**

Material feed	Vibrating feeder & belt
Operational width, mm	1200
X-ray tube	1
X-ray sensor	1
Laser triangulation system	1

Sorter's supply

Electric Power, kVA(3phase, 220V/50Hz), not less than	8
Cooling water consumption, l/min, not less than	4.5

	Dimensions, mm	Mass, kg
Sorting machine (SM),max	6180x2190x2480	4700*
Automatic control rack (ACR),max	1090x905x2055	335*

* - Preliminary information

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

