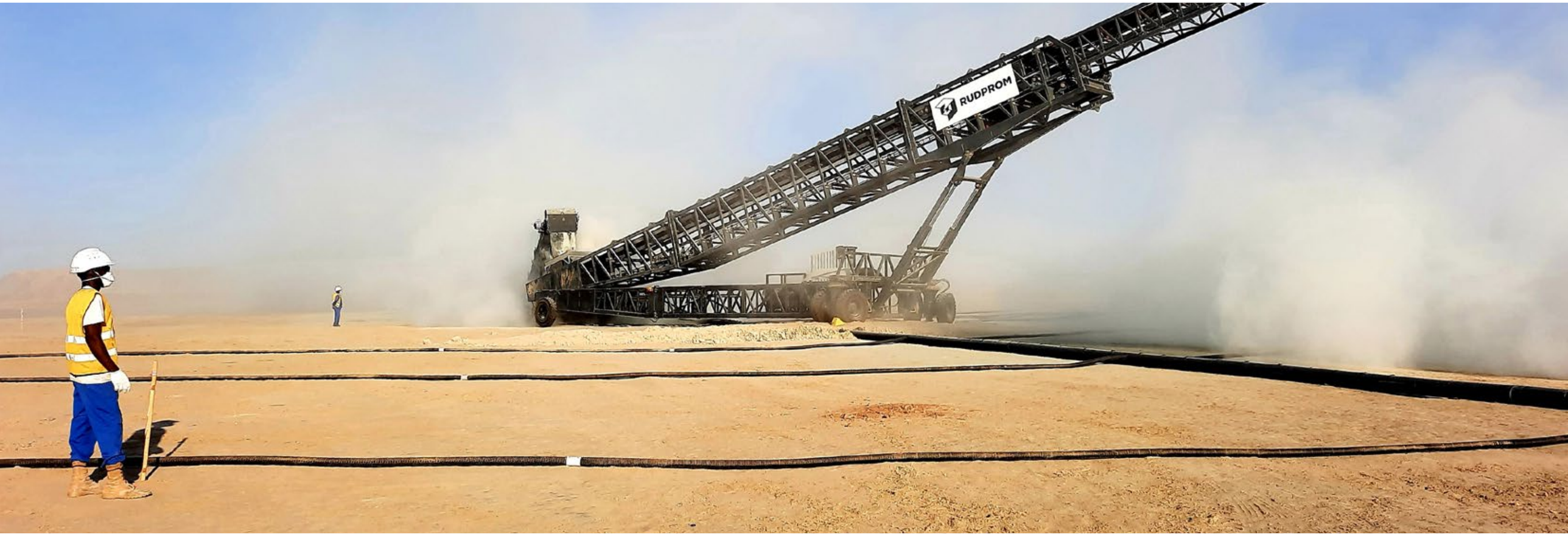
RUDPROM

EQUIPMENT CATALOG

CONTENT

OUR COMPANY

Company Rudprom specializes in the development, delivering and service maitenance of crushing, screening and processing equipment. We provide solutions for a specific task of our Customer, and we supply stationary and mobile equipment of Russian and European manufacturers for processing industries.



16

partners among manufacturers

30%

the share of export earnings in the company's revenue structure

300+

stationary models equipment

100%

of the company's services are included in the price of equipment

Engineering

RUDPROM has the specialists with competences in the field of designing modern productions , reconstruction and modernization of existing ones in it own structure, we realise the development and implementation of automated process control systems of the Customer’s enterprise (ASC TP)

Engineering and project services

Development of technological lines

Development and implementation of the customer’s automated process control system

80+

process lines are developed annually for various industries

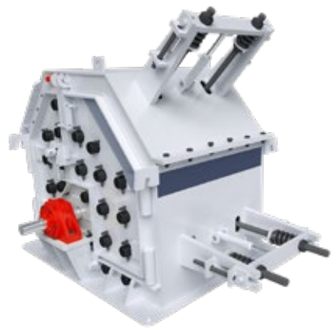
Jaw crushers

Jaw crushers are heavy-duty machines that crush rocks and materials using two jaws, one movable and one stationary. Commonly used in mining and construction.

Model	Loading window, mm	Unloading target, min--max, mm	Max. size of feed chunks, mm	Productivity, м3	Engine power, kW	Weight, kg
SMD-108A	250x900	210	25-60	15-31	45	8400
SMD-109A	400x900	340	-	18-43	-	10800
SMD-693	500x900	425	-	23-53	-	11500
SMD-110A	600x900	500	58-104	75-130	-	20000
SMD-810	800x1000	680	100-180	85-155	132	28000
SMD-1300	1100x1300	900	100-250	190-450	160	37000
SMD-1500	1150x1500	980	125-300	240-550	185	52000

Impact crushers

These crushers use high-speed impact force to break down materials. They are ideal for softer materials and can produce more fines compared to other types.



Model	Max. size of feed chunks, mm	Loading window, mm	Productivity, м3	Engine power, kW	Weight, kg
ICR 86	600	1000x875	135	110	15000
ICR 85	400	630x550	60	45	6000
ICR 75	300	100x500	135	132	10000
ICR T-10	250	480 x 740	50 - 70	45 - 75	7150
ICR T-15	300	580 x 740	70 - 100	75 - 90	9000
ICR T-25	300	580 - 740	125 - 150	110 - 132	12700
ICR-T 30	350	580 x 1410	180 - 200	160 - 200	14750
ICR-T 50	350	580 x 1410	250 - 350	250 - 315	19400

Cone crushers

Cone crushers use a rotating cone inside a bowl to crush materials. Suitable for medium to hard materials, they offer fine, consistent product sizes.

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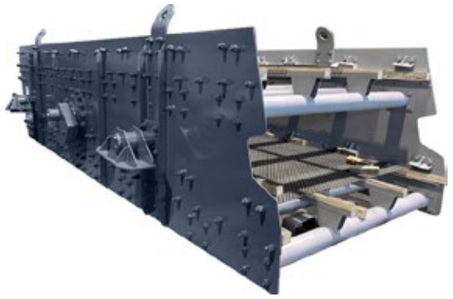
Model	Max. size of feed chunks, mm	Adjustment range of discharge gap, mm	Productivity, м3	Engine power, kW	Weight, kg
KSD-600	90	12-35	19-40	30	3500
KSD-900	105	15-40	46-88	55	11000
KMD-900	40	8-15	30-45	75	11700
KMD-1200T	40	3-15	30-55	75	21000
KSD-1200T	100	10-25	46-100	75	21000
KMD-1200Gr	80	5-15	50-65	75	21000
KSD 1200Gr	150	20-50	83-125	75	21000
KMD-1750T	70	5-15	85-140	160	51000
KMD-1750Gr	100	9-20	135-200	160	51000
KSD-1750T	160	15-30	105-190	160	51000
KSD-1750Gr	200	25-60	180-320	160	51000

Centrifugal crushers

Utilizes high-speed force for efficient crushing.

Model	Max. size of feed chunks, mm	Productivity, м3	Engine power, kW	Dimensions, mm	Weight, kg
DC-0,63	25	10-20	45-75	2200x1700x2200	2000
DC-1,0	40	20-80	75-110	2200x2660x2400	5000
DC-1,25	60	80-140	130-220	4900x2800x3000	9000
DC-1,6	70	150-300	185-345	5200x3200x2900	13000
DC-1,6.033 M	100	200-400	200-400	5300x3200x3600	15000

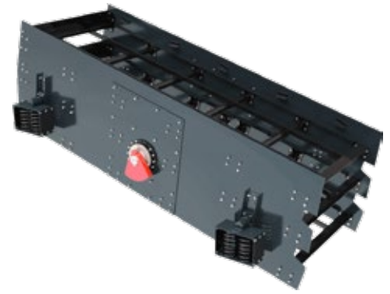
Inertia screens



Effective for sorting a wide range of material sizes.

Model	Screening surface width, mm	Screening surface height, mm	Screening surface area, mm	Number of decks	Feeding capacity (calculated*), m3/hour, not exceeding	Rated power of electric motor, kW
GIS-12	800	1900	1.5	2	5 ÷ 20 *	3
GIS-21	1000	2000	2	1	25 *	7.5
GIS-22	1000	2000	2	2	7 ÷ 25 *	7.5
GIS-31	1250	3000	3.8	1	50 *	11
GIS-32	1250	3000	3.8	2	15 ÷ 50 *	11
GIS-33	1250	2700	3.4	3	15 ÷ 65 *	11
GIS-41	1500	4250	6.4	1	80 *	11
GIS-42	1500	4250	6.4	2	25 ÷ 80 *	11
GIS-43	1500	4250	6.4	3	25 ÷ 120 *	11
GIS-51	1750	5000	8.7	1	110 *	15
GIS-52	1750	5000	8.7	2	30 ÷ 110 *	15
GIS-53	1750	5000	8.7	3	30 ÷ 165 *	15
GIS-54	1750	4500	7.9	4	30 ÷ 190 *	22
GIS-61	2000	6000	12	1	155 *	22
GIS-62	2000	6000	12	2	45 ÷ 155 *	22
GIS-63	2000	6000	12	3	45 ÷ 225 *	22
GIS-72	2500	6000	15	2	55 ÷ 250 *	30

Heavy-duty screens



They are ideal for heavy-duty screening applications.

Model	Screening surface width, mm	Screening surface height, mm	Screening surface area, mm	Number of decks	Feeding capacity (calculated*), m3/hour, not exceeding	Rated power of electric motor, kW
GIT-51M	1750	4000	7	1	175 *	22
GIT-52	1750	4000	7	2	130 ÷ 175 *	22
GIT-52M	1750	4000	7	2	130 ÷ 175 *	22
GIT-53	1750	4000	7	3	90 ÷ 175 *	22
GIT-53M	1750	4500	7.9	3	100 ÷ 195 *	22
GIT-61K	2000	4000	8	1	305 *	22
GIT-61	2000	5000	10	1	250 *	30
GIT-62	2000	5000	10	2	190 ÷ 250 *	30
GIT-63	2000	5000	10	3	125 ÷ 250 *	30
GIT-62M	2000	6000	12	2	225 ÷ 295 *	30
GIT-72M	2500	6000	15	2	280 ÷ 370 *	30

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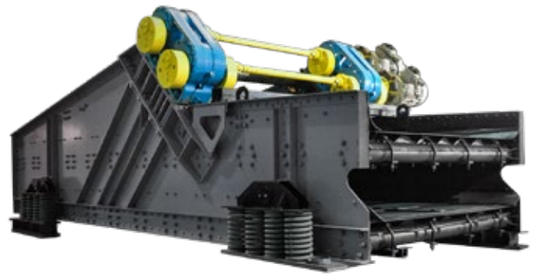
Self-balance screens

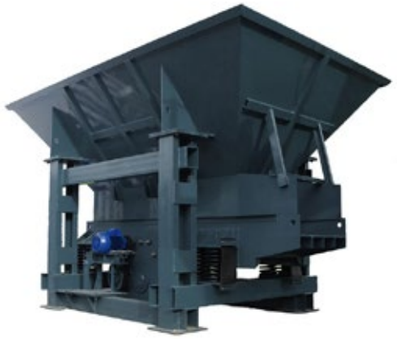


This screens use a self-balancing mechanism to reduce vibration.

Model	Screening surface size, mm	Number of screen decks	Inclination angle, °	Productivity, m3/h	Maximum size of feed material, mm	Main drive motor power, kW	Overall dimensions LxBxH, mm	Weight without spare parts, t
GIST-42	1500×5400	2	0	up to 250	200	2x11	5600×2200×2250	6,8
GIST-52	1750×5500	2	0	up to 320	350	2x15	5700×2450×2300	7,6
GIST-62	2000×5600	2	0	up to 450	500	2x15	6000×2700×2400	9,5
GIST-72	2500x6500	2	0	up to 650	350	2x22	7000x3250x2400	12,2

Vibration feeders

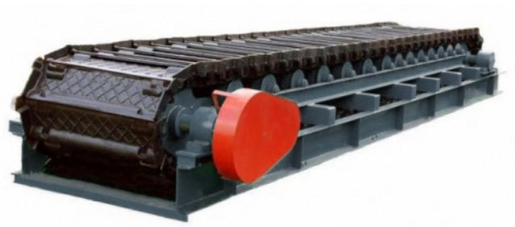
Vibration feeders use vibrations to move and feed materials along in a controlled way.



Model	Length of the grate bar, mm	Maximum size of feed material, mm	Feeder hopper capacity, cubic m3	Productivity, м3/h	Electric motor Power, kW	Weight, kg (not more than)
PV 8x34	no grate bar	7.1	340	10-95	7.5	6000
PV.K 8x34	1000	7.1	340	10-95	7.5	6000
PV 8x56	no grate bar	15	500	30-150	15	15000
PV.K 8x56	1000	15	500	30-150	15	15000
PV 13,5x54,5	no grate bar	30	1000	40-300	22	22000
PV.K 13,5x54,5	2400	30	1000	40-300	22	22000

Plate feeders

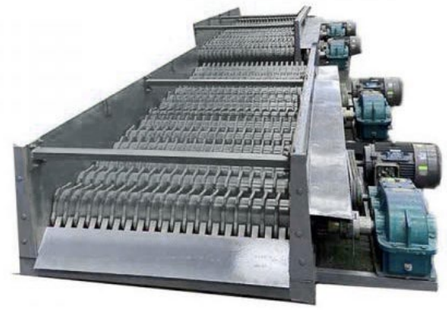
These are heavy-duty feeders with metal plates used to transport large quantities of hard and abrasive materials.



Model	Belt width, mm	Max. feed lump size, mm	Transport length, mm	Productivity, м3/h	Belt speed, m/s	Installation angle, degrees
PP-2-10	1000	500	2000-9000	40- 200	0,01-0,3	0-15
2-12	1200	600	3000-12000	80-350	0,01-0,3	0-15
1-15	1500	800	4500-15000	110-330	0,03-0,086	0-15
1-18	1800	1000	6000-18000	160-480	0,03-0,086	0-15
1-24	2400	1200	9000-18000	300-860	0,03-0,086	0-15

Wobbler feeders

Efficiently sort and feed material, using elliptical motion for precise screening.



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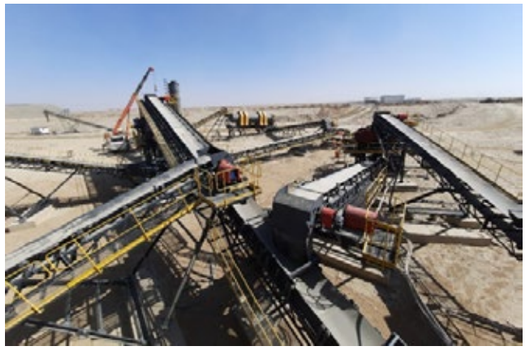
Model	Max. feed lump size, mm	Dimensions of ‘tray’ (width x length), mm	Number of sections / decks	Number of eccentric shafts	Productivity, m3/hour	Rated power of motor-reducers, kW
GPV-10-37B	1000	1000 x 3660	1 / 2	12	140 ÷ 200	11
GPV-10-74B	1000	1000 x 7340	2 / 4	24	140 ÷ 200	22

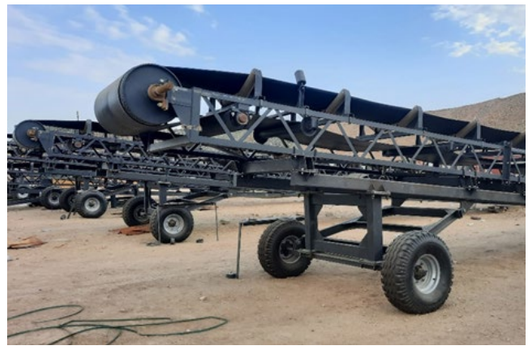
Belt conveyors

Belt conveyors are widely used for transporting materials with a continuous loop of material on a conveyor belt.



Portable conveyors

Portable conveyors are mobile and flexible, ideal for transporting materials in varied locations and terrains.



Stacker conveyors

Stacker conveyors are specialized conveyors used to stack bulk material in large piles efficiently.

55+ conveyors for various purposes and sizes

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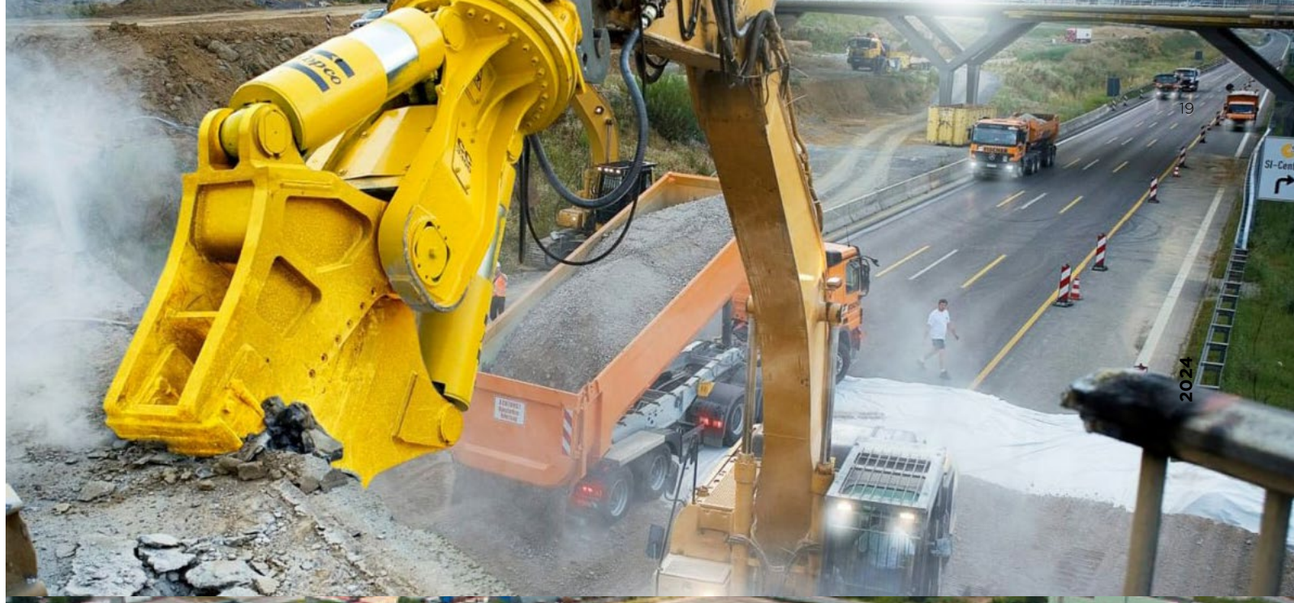
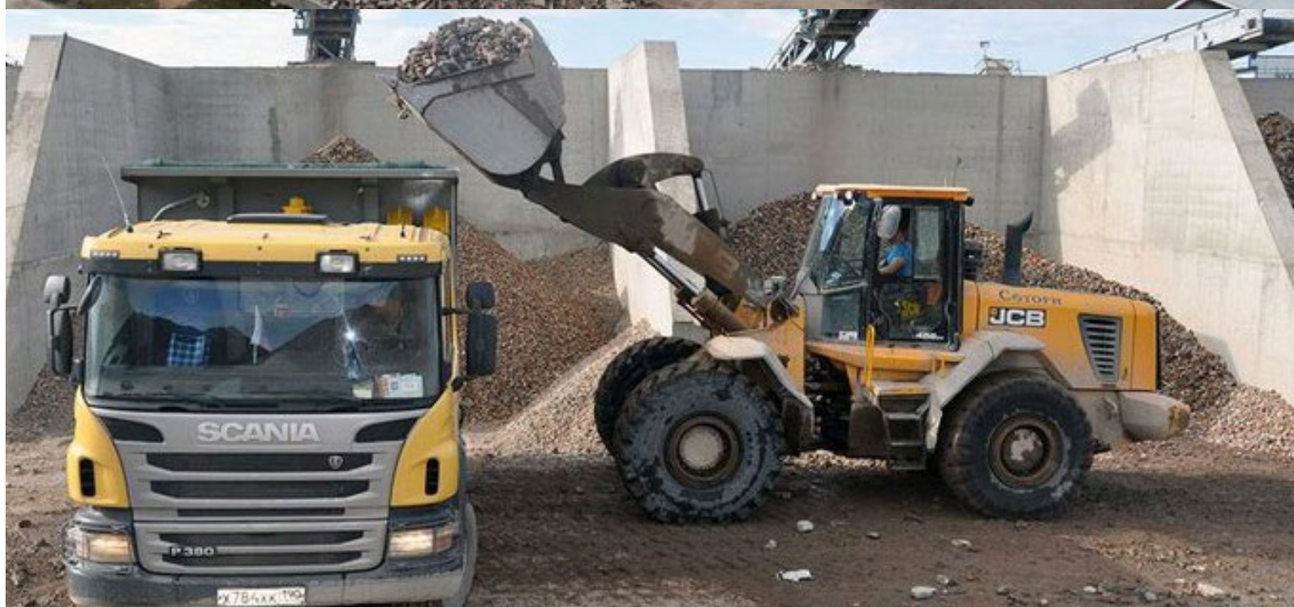
Quarry crushing solutions

Using advanced developments, RUDPROM offers reliable crushing equipment designed for quarries and mines. Our equipment is efficient and durable, providing optimal processing of stone, gravel and ore. Trusted by industry leaders, our solutions improve productivity and lower cost per ton.

Recycling of construction waste

During the demolition of outdated buildings and structures, or the construction of new ones, significant volumes of waste and construction debris are inevitably generated. These must be recycled as much as possible into secondary building materials such as gravel, metal, and soil.





Metallurgical slag processing

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Based on the practical experience of metallurgical enterprises in Russia and the CIS countries, RUDPROM has developed optimal technological complexes for the processing of metallurgical slag (blast-furnace, steel-smelting) and the further use of its processing products.

X-ray radiometric separation

RUDPROM, together with the Russian Scientific and Technical Company Tehnogen, is engaged in solving the tasks of preliminary enrichment of mineral raw materials and technogenic formations at enterprises engaged in the processing of ferrous and nonferrous ores (copper, zinc, lead, tin, tungsten, molybdenum, manganese, chromium, quartz raw materials, magnesites, beryllium and fluorite ores) and precious metals (gold and silver).

>2,5

5 MILLION TONN OF PRODUCTIC ORE IN A YEAR capacity of 4 DGC projects in Kazakhstan

The method of X-ray radiometric separation allows to solve several main objectives at a stage of preliminary enrichment:

- removal from initial saleable ore of the impoverishing breed and poor pieces of ore (as a rule, with the maintenance of a valuable component below onboard);
- allocation from off-balance and sub-standard ores of saleable ore for the subsequent deep enrichment;
- receiving lump concentrates for pyrometallurgical production;
- division of initial raw materials into the technological types processed further according to various technological schemes.

Solving the assigned tasks allows the company to obtain additional reserves of commodity ore, while significantly saving on its production and, accordingly, increasing the capital intensity (cost) of the enterprise itself.

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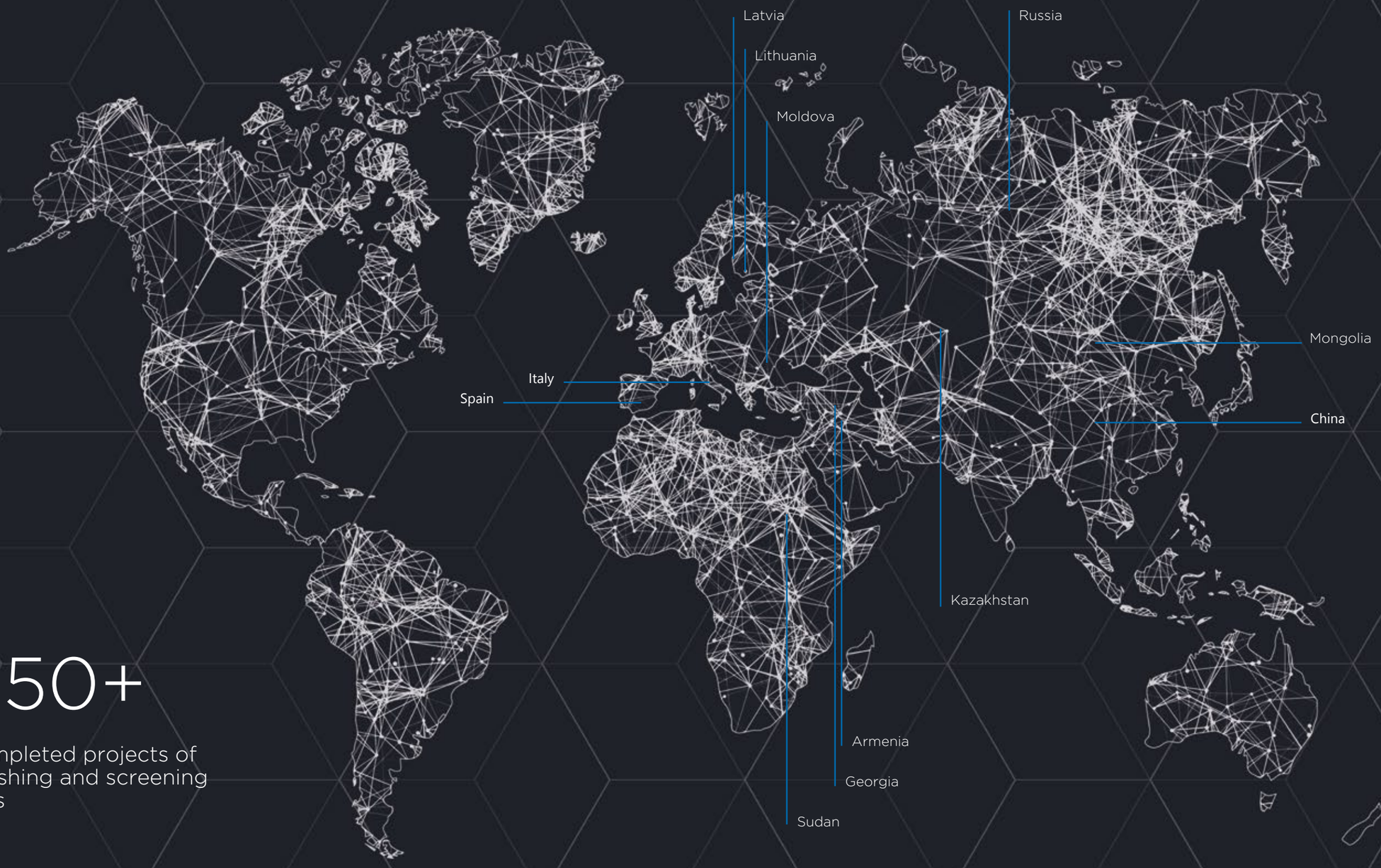
Projects map



2024

250+

completed projects of crushing and screening sets

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