

1 Mobile sampling plants and a lab for diamond exploration (complete sampling system).

All modules are mounted on high clearance trailers.

Condition: unused.

Manufacture year: 2009.

Location: Moscow, Russian Federation.

Reason for sale: Project cancellation (Africa).

Manufacture price: \$ 430,820

Sale price: \$ 201,732



The sampling system includes the following modules:

1 Primary gravity separator. Model UGOR-3

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UGOR-3 is designed for the primary processing of eluvial/deluvial and alluvial sediments during the fieldwork for diamond exploration

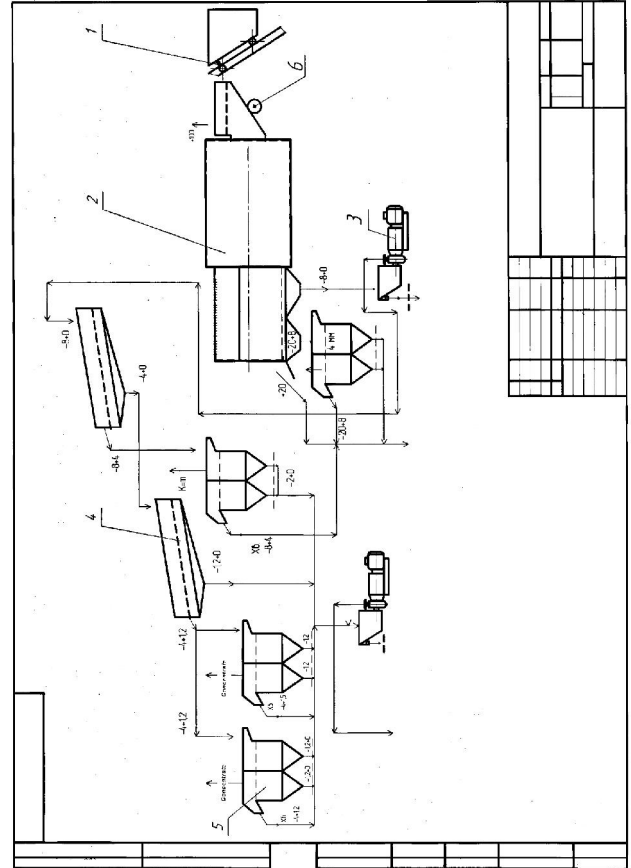
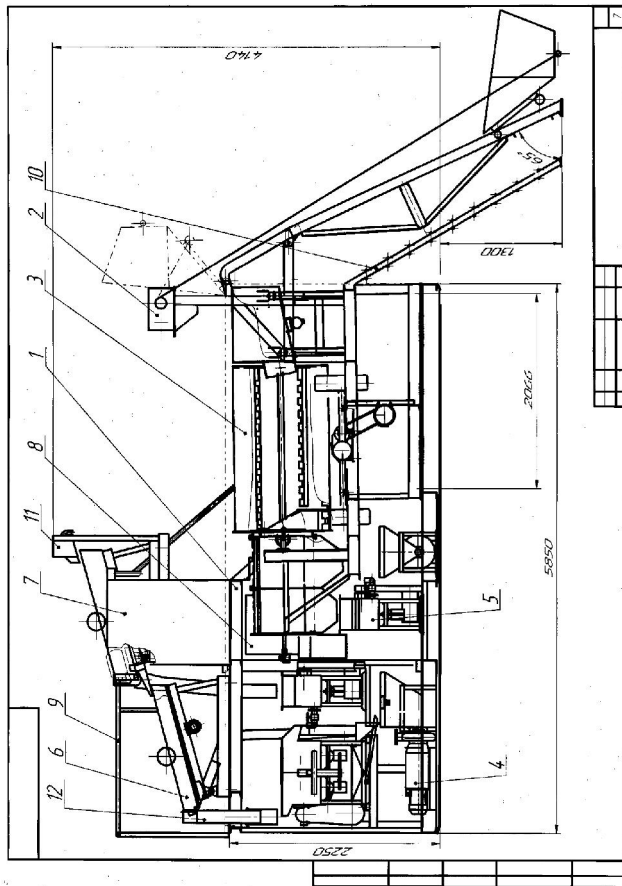
Specifications:

Processing capacity	3 cubic meters per hour
Processing fractions	-20+10, -10+4, -4+1mm
Water consumption	up to 10 cubic meters per hour
Consumed Power	15,0 kW, 380V, 50Hz
Total weight	5.3 tonnes
Dimensions	5.85m x 2.25m x 2.3m
Price	 \$75,644

UGOR-3 includes:

Skip hoist PS-2 (Vol.0.35 m ³ , 380V, 2,2 kW, 300 кг)	1
Trommel (3 m ³ /hour)	1
Mud (sand) pump (12,5 m ³ /hour, 3.0 kW, 380V, 50Hz)	2
Jig MOD-02 (two 300x300mm cells)	4
Vibrating grizzly GV-06 (1-10 tn/h, fract.<75 mm)	2
Head tank	1
Control console	1
Slurry tank	1
Hopper	1
Trailer (12,5 metric tonn)	1
Water pump (16,000 l/h)	1
Water pump (4,500 l/h)	2

Compressor FIAC EURO 25 (170 l/min)	1
Sieve set	1
Rubber seals set	1
Electrical installation set	1
Spare parts	1
Technical documentation set	1



2 Primary gravity separator. Model UGOR-3M

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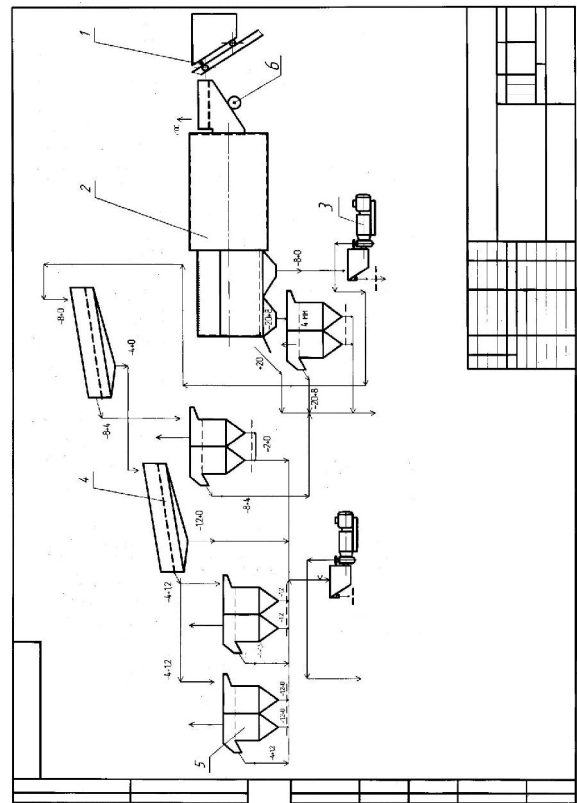
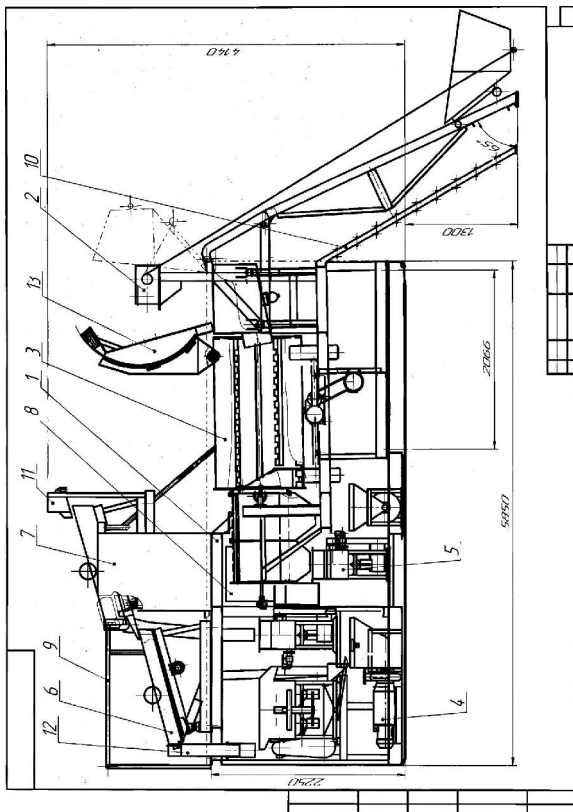
UGOR–3M is designed for the primary processing of eluvial/deluvial and alluvial sediments during the fieldwork for diamond exploration; slurry or dry feed.

Specifications:

Processing capacity	3 cubic meters per hour
Processing fractions	-20+10, -10+4, -4+1mm
Water consumption	up to 10 cubic meters per hour
Consumed Power	15,0 kW, 380V, 50Hz
Total weight	5.3 tonnes
Dimensions	5.85m x 2.25m x 2.3m
Price	 \$75,644

UGOR–3M includes:

Skip hoist PS-2 (Vol.0.35 m ³ , 380V, 2,2 kW, 300 кг)	1
Trommel (3 m ³ /hour)	1
Mud (sand) pump (12,5 m ³ /hour, 3.0 kW, 380V, 50Hz)	2
Jig MOD-02 (two 300x300mm cells)	4
Vibrating grizzly GV-06 (1-10 tn/h, fract.<75 mm)	2
Head tank	1
Control console	1
Slurry tank	1
Hopper	1
Arc-circular shaker DG-1.0 (1.0m x 1.2m cells, processing capacity 60 m ³ /hour, d = 1.2mm , weight 400 kg, dimensions 1.0m x 1.6m x 0.6m)	1
Trailer (12,5 metric tonn)	1
Water pump (16,000 l/h)	1
Water pump (4,500 l/h)	2
Compressor FIAC EURO 25 (170 l/min)	1
Sieve set	1
Rubber seals set	1
Electrical installation set	1
Spare parts	1
Technical documentation set	1



3 Primary gravity separator. Model POM-06

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POM-06 is designed for the primary processing of eluvial/deluvial the fieldwork for diamond exploration. Manual feed.

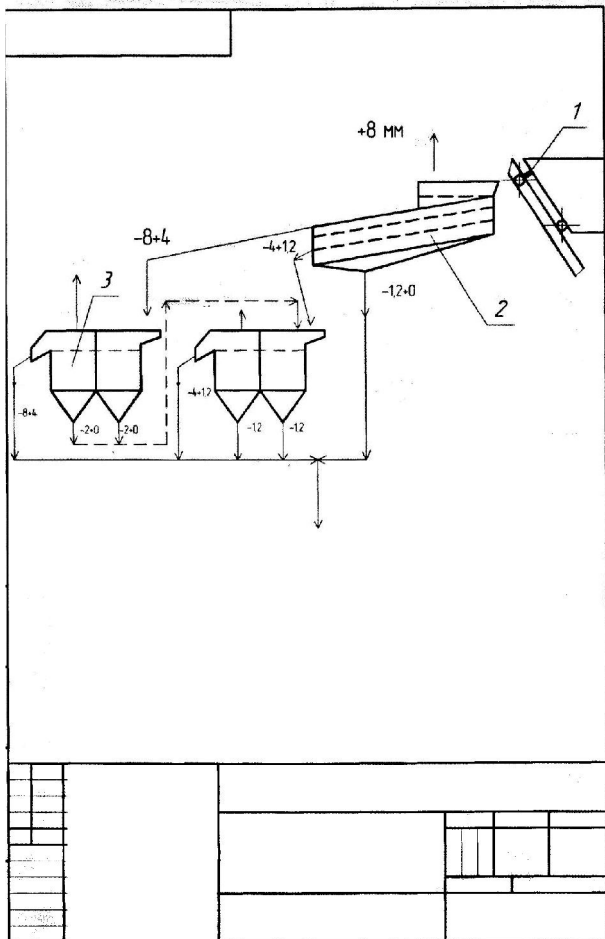
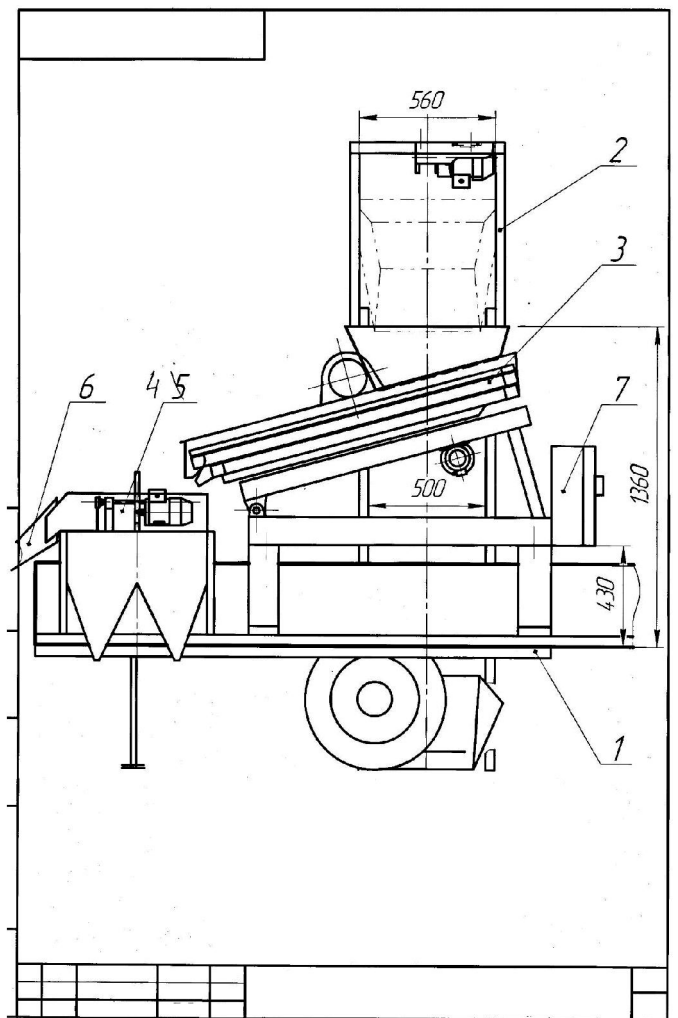
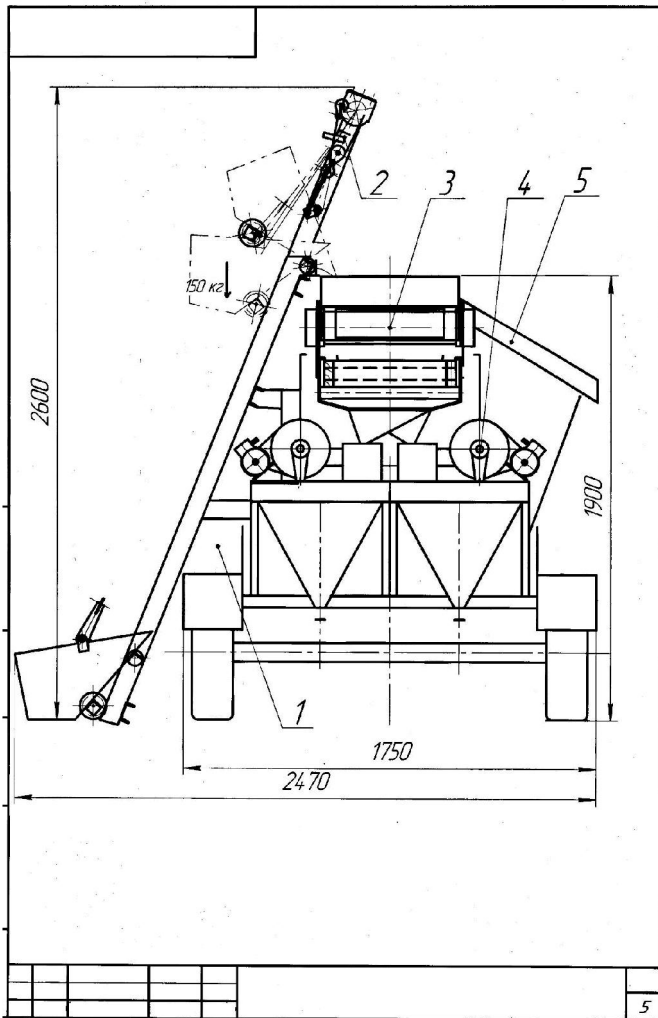
Specifications:

Processing capacity	0.6 cubic meters per hour
Processing fractions	-8+4; -4+1,2(1,0) mm
Water consumption	up to 5 cubic meters per hour
Consumed Power	2,5 kW, 380V, 50Hz
Total weight	0.8 tonnes
Dimensions	4.74m x 1.75m x 1.9m
Price	 \$25,222

POM-0.6 includes:

Trailer Tayga (0.8 tn)	1
Skip hoist PS-2 (Vol.0.35 m3, 380V, 2,2 kW, 300 кг)	1
Vibrating grizzly GV-06 (1-10 tn/h, fract.<75 mm)	1
Jig MOD-02 (two 300x300mm cells)	2
Tailings chute	2
Control console	1
Water pump ROBIN PTG-110 (130 l/min, gasoline eng.)	1
Electric winch Torin Jacks 20.351 (100/200 kg, 11/5 m)	1
Water (mud) pump DAB NOVA 180 M-A	1
Dolly cart FIT 77540, aluminium (capacity 130 kg, 58 l)	1
Sieve set	1
Rubber seals set	1
Electrical installation set	1
Spare parts	1
Technical documentation set	1





4 Concentrate clean-up module and a diamond detection laboratory. Model PML-1

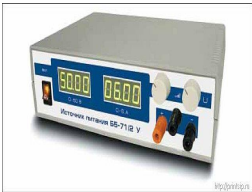
PML-1 is designed for the clean-up of primary concentrates and diamond detection

Specifications:

Total weight	1.4 tonnes
Dimensions	5.2m x 2.1m x 2.45m
Price	 \$25,222

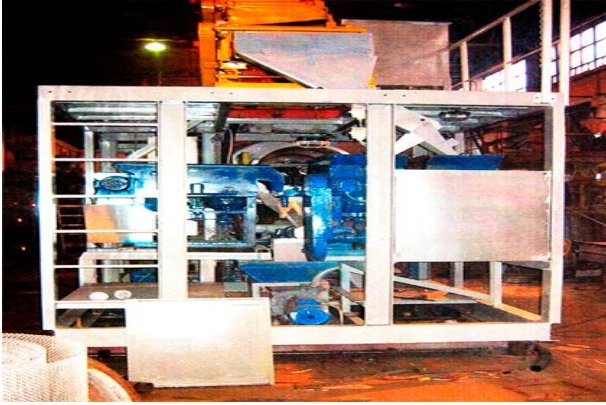
PML-1 includes:

1.	Trailer Kupava 813270 Total weight - 1.4 tn; Useful carrying capacity – 0.5 tn Dimensions – 5.5m x 2.0m x 2.45m	1	
2.	Jig OMSK 2 S=0.08-0.046 sq.m (two-camera) Capacity – 250 kg per hour Weight: 140 kg, Dimensions: 0.98m x 0.6m x 1.3 m	1	
2.	Laboratory vibration shaker VP30T set Diameter 300 mm Amplitude 0,25-1,5 mm 220V, 28kg	2	
3.	Electro-magnetic separator T 138 Drum type, 5-10 amp	1	
4.	Portable X-ray sorter «Cristal» Sorter is designed to treatment dry diamond concentrate with grain size – 8 + 1 mm in the field in order to carry out geological exploration of diamond deposits.	1	
5.	Desiccator 80-01-SPU Camera volume – 80 dm3, +50...+350oC 220V, 50Hz, 2.2 kW Dimensions: 0.56m x 0.4m x 0.36 m	1	
6.	Fume cupboard Dimensions: 0.60m x 0.75m x 1.10 m	1	

7.	AC/DC Laboratory UPS set Type – Pulse, V(output) max – regular 30V, Amperage max – 10A	1	
8.	Safe Dimensions – 0.9m x 0.8m x 1.5m Weight – 85 kg	1	
9.	Stereomicroscope-MBS-10 Increase Range – 4x - 100x Halogen Light Source – 8V/20W Five lens objective – 0.6x, 1.0x, 2.0x, 4.0x, 7.0x Two oculars – 8x, 14x	1	
10.	Air conditioner LG W05LC Cool Area – up to 15 square meters, Cooling Capacity – 1610 W, Energy Input (Cooling) – 600 W, Power Supply – Three Phase, Dimensions – 0.47m x 0.31m x 0.37m	1	
11.	Spare parts	1	
12.	Technical documentation set	1	







We can also provide the following services:

1. Setting up the Complete Sampling System on your property.
2. Certified training. We can train you staff to operate the sampling equipment at the ALROSA training facilities.
3. Staffing. We can staff your project with Russian experts in diamond exploration.

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