



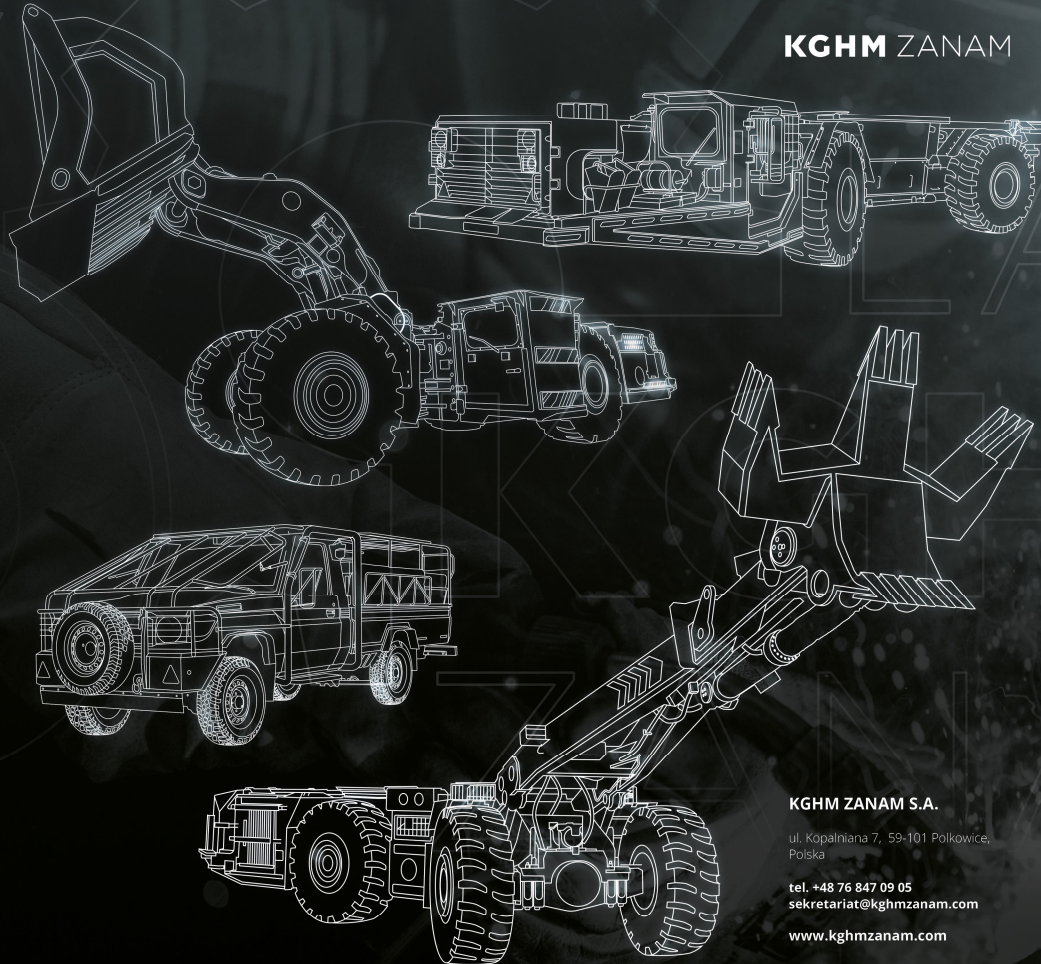
KGHM ZANAM S.A. is one of the largest manufacturers of machinery and equipment for the mining sector in Poland.

The company also produces equipment used in handling systems, transport units, and open-pit coal and stone mines.

Additionally, it is a significant manufacturer of a wide range of steel and iron castings.

Additionally, apart from a wide range of high-quality products, **KGHM ZANAM S.A.** provides EPC investments, service work, maintenance and commissioning. The company also offers specialized services within mining facilities, including mining services, blasting services, machine servicing, and underground transportation services.

KGHM ZANAM



KGHM ZANAM

KGHM ZANAM S.A.

ul. Kopalniana 7, 59-101 Polkowice,
Polska

tel. +48 76 847 09 05
sekretariat@kgmzanam.com

www.kgmzanam.com



TRANSPORT TRUCKS



The self-propelled transport trucks manufactured by KGHM ZANAM for transporting staff and necessary materials. Efficient drive systems and high mobility provide safe transportation of up to a dozen or so employees to mining work zones.

KGHM ZANAM

ROBUST T14



Technical specification

Length [mm]	5950
Width [mm]	2025
Height [mm]	1880/2130
Nominal payload [kg]	1400
Number of seats:	13+1
Power rating [kW]	55.4
Clearance [mm]	210/240
Total weight:	4700



KGHM ZANAM



ZANPER S14

ELECTRIC UTILITY VEHICLE



Technical specification

Number of seats:	13+1
Length [mm]	5850
Width [mm]	2100
Height [mm]	1900
Total weight [kg]	5500
Permitted Load Capacity [kg]:	1400
Engine power [kW]:	120/140
Clearance [mm]	2210/240
Charging Time	up to 90 min
Range	200 km

VEHICLE TYPE	CHASSIS	NUMBER OF SEATS	LENGTH [mm]	WIDTH [mm]	HEIGHT [mm]	TOTAL WEIGHT [kg]	DRIVE	PERMISSIBLE PLATFORM LOAD CAPACITY [kg]	CLEARANCE [mm]	GRADE	TYPE OF ENGINE	MAX. POWER MAX. ENGINE REVS	BRAKE SYSTEM	BATTERY NOMINAL CAPACITY	CABIN	EURO EMISSION STANDARD	REQUIREMENTS AND COMPLIANCE
SWT ROBUST T10	TOYOTA LC79	10	5650	2025	1880-2130 ¹⁾	4100	4X4	800	210/240 ²⁾	15°	diesel engine	55.4 kW 375 Nm	dry/wet	-	open	STAGE V	3) 4) 5)
SWT ROBUST T14	TOYOTA LC79	14	5950	2025	1880-2130 ¹⁾	4600	4X4	1200	210/240 ²⁾	15°			dry/wet		open		3) 4) 5)
SWT ZANPER T5	TOYOTA LC79	5	5650	2025	2130 ¹⁾	4300	4X4	500	210/240 ²⁾	15°	electric motor	140 kW 350 Nm	dry/wet	NMC 54,0 kWh	closed		3) 4) 5) 6) 7)
SWT ZANPER T10	TOYOTA LC79	10	5650	2025	1880-2130 ¹⁾	4300	4X4	800	210/240 ²⁾	15°					open	Zero emission	3) 4) 5) 6) 7)
SWT ZANPER T14	TOYOTA LC79	14	5950	2025	1880-2130 ¹⁾	4900	4X4	1200	210/240 ²⁾	15°					open	3) 4) 5) 6) 7)	
SWT ZANPER S10	ZANAM Heavy Duty	10	5650	2100	1900	4500	4X4	800	210/240 ²⁾	15°	electric motor	140 kW 350 Nm	dry/wet	NMC do 90,0 kWh	open	Zero emission	3) 4) 5) 6) 7)
SWT ZANPER S14	ZANAM Heavy Duty	14	5890	2100	1900	5000	4X4	1200	210/240 ²⁾	15°			dry/wet		open	3) 4) 5) 6) 7)	

1) depending on the vehicle version used - low (1880) / high (2130), and tires used 225/75R16 or 235/85R16
 2) depending on the tires used 225/75R16 or 235/85R16
 3) FOPS according to ISO 3449, ROPS according to ISO 3471
 4) ISO 19296:2019 Machines for underground mines

5) 2006/42/EC Machinery directive
 6) 2014/30/EC Electromagnetic compatibility directive
 7) 2014/35/EC Low voltage directive