

**ELSEWEDY
ELECTRIC**

**BUILDING
SOLUTIONS**



**MINING, OIL & GAS
SOLUTIONS**

About ELSEWEDY ELECTRIC

A global infrastructure solutions provider with over 20,000+ employees and revenues of over USD 5.7 billion in 2025. We operate in six key business sectors and have a strong presence in 12 countries with 34 production facilities. We export to over 100 countries worldwide. We offer an all-in-one integrated Engineering, Procurement & Construction (EPC) service, enabling us to deliver the most complex turnkey projects.

We are committed to facilitating the global transition toward a sustainable energy future and to driving decarbonization, digitalization, and sustainable transition in Egypt and beyond. Our growth has been driven by hiring talents and empowering businesses and communities where we operate. We enable customers to digitize and meet the challenges of an ever-changing world. We are committed to doing our best to serve our customers while caring for the environment.

ELSEWEDY ELECTRIC OPERATE IN SIX KEY BUSINESS SECTORS



WIRES, CABLES & ACCESSORIES



ELECTRICAL PRODUCTS



ENGINEERING & CONSTRUCTION



INFRASTRUCTURE INVESTMENTS



DIGITAL SOLUTIONS



BUILDING SOLUTIONS

25+
YEARS
of experience



**Financial
Strength**



**Product
Diversity**



**Sector
Expertise**



**Geographic
Reach**

**GLOBAL
PRESENCE**



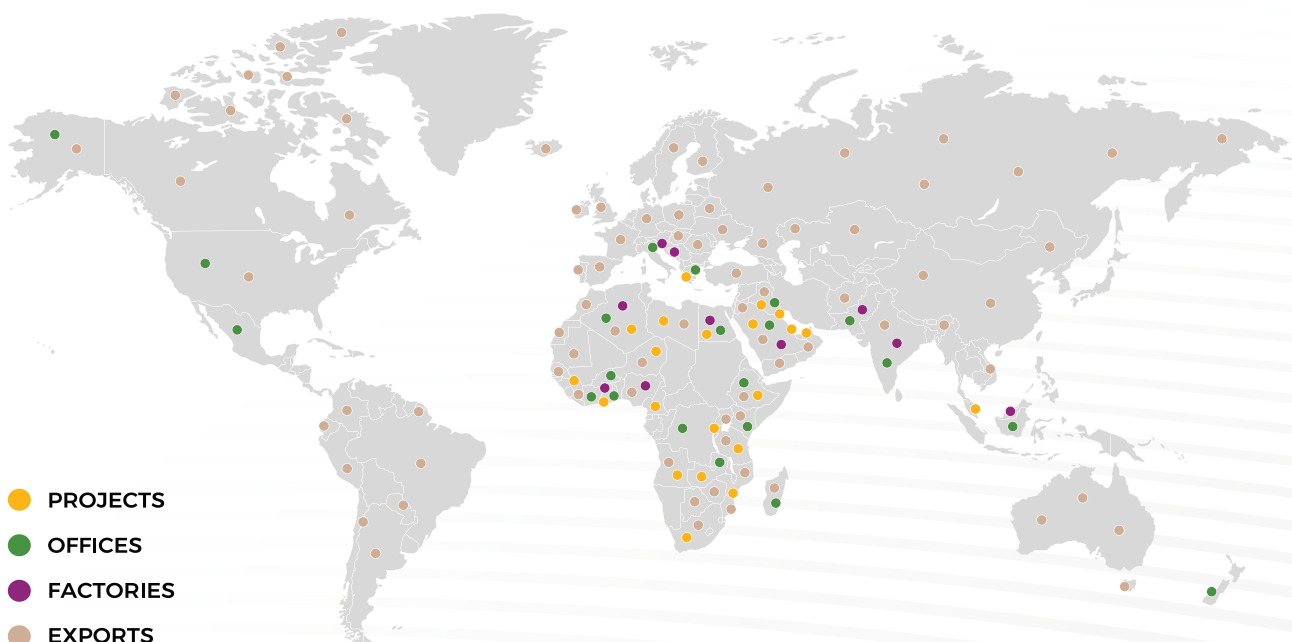
34 PRODUCTION
FACILITIES



60 OPERATION
COUNTRIES



100 EXPORTING
COUNTRIES



BUILDING SOLUTIONS

At Elsewedy Electric Building Solutions, we believe in shaping the future through innovation, reliability, and strategic global partnerships. As part of Elsewedy Electric Group, we leverage decades of regional expertise and combine it with SANY's global engineering excellence to redefine the landscape of construction, mining, logistics, and industrial machinery in Egypt and across Africa.

Together, we deliver a complete range of world-class heavy equipment and trucks, backed by exceptional after-sales support, advanced technical capabilities, and an unwavering commitment to reliability, value, and long-term sustainability



MACHINERY



HEAVY EQUIPMENT
Comprehensive portfolio of advanced machinery solutions.



POWER GENERATION
Reliable power solutions for continuous, backup, and renewable energy needs.

MEP



COOLING & HEATING
Efficient HVAC solutions for optimal comfort and performance.



COPPER TUBES
High-quality copper tubes for various applications.



VERTICAL TRANSPORTATION
Safe and reliable elevator and escalator systems.



WATER INFRASTRUCTURE SOLUTIONS
End-to-end solutions for water transfer, irrigation, and fire protection.

INTEGRATED SMART SOLUTIONS



BUILDING AUTOMATION & SMART INFRASTRUCTURE
Smart systems for efficient building management.



INTELLIGENT BUILDING SOLUTIONS
Integrated solutions for connected buildings.

Intro about Mining Sector

The mining sector demands reliable, high-performance machinery to achieve greater efficiency, safety, and sustainability in operations.

Through Elsewedy Electric Building Solutions, SANY stands as a key enabler of Egypt's mining transformation, offering a comprehensive range of advanced equipment tailored to the diverse mining environments.

From durable excavators and rigid dump trucks to versatile loaders, SANY delivers cutting-edge machines, exceptional durability, and dedicated after-sales support ensuring mining operations run with continuity, and maximum productivity.

Mining Trucks

Our Heavy-Duty Mining Trucks are engineered for the toughest operations, offering rated load capacities from 41 tons to 220 tons and box volumes ranging from 20m³ to 105m³.

Powered by high-torque, heavy-duty engines and advanced transmission technologies, these trucks deliver exceptional power, durability, and efficiency making them the perfect choice for large-scale mining and heavy material transport.



Product Family

Model	Rated Load (t)	Body Volume (m ³)	Gross Power (kW)	Max. Torque (N·m)	Min. Turning Radius (m)
SET240S	220	105	2091	3×3000	14.5
SET150S	136	60	1520	2×3000	13.2
SRT95C	95	42	783	4629	12



Model	Rated Load (t)	Body Volume (m ³)	Gross Power (kW)	Max. Torque (N·m)	Min. Turning Radius (m)
SKT130S	90	50	925	3000	13
SKT105E	70	38	570/620	2×2100	13
SKT105S	70	35	390	2300	11
SKT90S	60	33	390	2300	11
SA T40C	41	20	390	2300	8.9



ARTICULATED DUMP TRUCK- SAT40C



Main Technical Parameters

Items	Parameters
Body Capacity (m ³)	Struck 33 / Heaped 38
Gearbox	FC6A250DPR
Engine Power (kW / rpm)	390 / 2,300
Axle (t)	25 + 35 + 35
Steering Form	Full hydraulic steering + emergency steering
Suspension Structure	Front hydro-pneumatic suspension + rear leaf spring suspension
Frame Structure	Riveted integral frame
Displacement (L)	12.54
Max. Gradeability (%)	30
Min. Ground Clearance (mm)	325
Min. Turning Radius (mm)	11,000

Engine

- **Model:** Weichai WP13G530E310
- **Rated Power Rate:** 390 kW / 2100 rpm
- **Maximum Torque:** 2300 N·m
- **Emission Standard:** GB20891-2014

Transmission

- **Model:** FC6A250DPR
- Flexible automatic gear shift with small impact
- Hydraulic torque converter for stronger driving force
- Hydraulic retarder for stable downhill speed control

SKT90S

Main Technical Parameters



Items	Parameters
Body capacity (m3)	Struck 33 / Heaped 38
Gearbox	FC6A250DPR
Engine power (kW/ rpm)	390/2,300
Axle (t)	25+35+35
Steering form	Full hydraulic steering + emergency steering
Suspension structure	Front hydro-pneumatic suspension + rear leaf spring suspension
Frame structure	Riveted integral frame
Displacement (L)	12.5
Max. gradeability (%)	4.30
Min. ground clearance (mm)	325
Min. turning radius (mm)	11,000

Engine

- **Model:** Weichai WP13G530E310
- **Rated power rate:** 390kW/2100rpm
- **Maximum torque:** 2300N.m
- Engine emission conforms to GB20891-2014 standard

Transmission

- **Model:** FC6A250DPR
- Flexible automatic gear shift with small impact.
- Hydraulic torque converter, stronger driving force.
- Hydraulic retarder, stable speed control when going downhill

SKT105S - OFF-HIGHWAY MINING TRUCK



Technical Data

Overall Parameters	Value	Parameters
Overall dimensions: L × W × H	mm/in	14,900×8,200×7,050(13,800) /587×323×278(543)
Wheelbase	mm/in	6,300/248
Front track width	mm/in	6,380/251
Rear track width	mm/in	5,340/210
Ground clearance	mm/in	680/27
Max. steering angle of front	°	42
Min. steering radius	mm/in	14,500/571
Gross power	kW/hp	≥2,091/2,803
Max. speed	km/h/ mph	65/40
Max. Gradeability	%	30
Struck SAE	m ³ /yd ³	105/137
Heaped SAE 2:1	m ³ /yd ³	147/192

Engine

- **Model:** Weichai WP13G530E310
- **Type:** In-line, direction injection, water-cooling, four-stroke, turbocharged, intercooled, electronically controlled high pressure common rail
- **Max. power:** 390kW/2100rpm
- **Max. torque:** 2300N.m
- **Number/type of cylinders:** 6,Straight type
- **Bore stroke:** Φ127mm x 165 mm/Φ5" x6.5"
- **Displacement:** 13L

Transmission

Automatic transmission:

- **Model:** Allison 4800RS_PR
- Flexible automatic shift, with small shift impact
- Equipped with hydraulic torque converter for larger driving force
- Equipped with hydraulic retarder for stable control of downhill speed

Manual transmission:

- **Transmission model:** Fast 8DS260
- Low maintenance cost and high reliability
- Hydraulic retarder as optional, for stable control of downhill speed

SET150S - OFF-HIGHWAY MINING TRUCK



Technical Data

Overall Parameters	Value	Parameters
Overall dimensions: L × W × H	mm/in	11,810×7,720×6,185 /465×304×243
Wheelbase	mm/in	5,300/208
Front track width	mm/in	5,725/225
Rear track width	mm/in	4 ,875/192
Ground clearance	mm/in	490/19
Max. steering angle of front	°	40
Min. steering radius	mm/in	13.2/519
Gross power	kW/hp	≥1,400/1,877
Max. speed	km/h/ mph	65/40
Max. Gradeability	%	30
Struck SAE	m ³ /yd ³	60/78.5
Heaped SAE 2:1	m ³ /yd ³	78/102

Engine

- **Model:** Weichai WP17;
- **Type:** 4-cycle, turbocharged, intercooled;
- **Rated power:** 2×565kW/1900rpm;
- **Max. torque:** 3,000Nm/1,500rpm;
- **Number/type of cylinders:** 8/V shape, turbo charged;
- **Bore stroke:** Φ127mm×165mm/Φ5"×6.5";
- **Displacement:** 16.72L/1020in3 .

SET240S



Technical Data

Overall Parameters	Value	Parameters
Overall dimensions: L × W × H	mm/in	14,900×8,200×7,050(13,800) /5,300/208 587×323×278(543)
Wheelbase	mm/in	6,300/248
Front track width	mm/in	6,380/251
Rear track width	mm/in	5,340/210
Ground clearance	mm/in	680/27
Max. steering angle of front	°	42
Min. steering radius	mm/in	14,500/571
Gross power	kW/hp	≥2,091/2,803
Max. speed	km/h/ mph	65/40
Max. Gradeability	%	30
Struck SAE	m ³ /yd ³	105/137
Heaped SAE 2:1	m ³ /yd ³	147/192

Engine

- **Model:** Weichai WP17
- **Type:** 4-cycle, turbocharged, intercooled
- **Rated power:** 565kW/1,900rpm
- **Max. torque:** 3,000Nm/1,500rpm
- **Number/type of cylinders:** 8/V shape,turbocharged
- **Bore stroke:** Φ127mm×165mm/Φ5"×6.5"
- **Displacement:** 16.72L/1020in³

Excavators

We offer a comprehensive range of excavators, from 1.5 tons to 215 tons, designed to meet the diverse demands of mining, construction, and earthmoving operations. Each model is equipped with premium-quality engines from Isuzu, Mitsubishi, Cummins, DEUTZ, and Scania, ensuring exceptional power, fuel efficiency, and durability. Combined with Kawasaki hydraulic systems, our excavators deliver smooth operation, high productivity, and reliable performance in even the most challenging.



Medium Excavators

Model	Operating weight (t)	Standard bucket (m3)	Engine	Engine power (kW/rpm)	Stage
SY205H	21.5	0.93	Mitsubishi	118/2000	III
SY210C	21.0	0.93	Cummins	104/2000	I
SY215C	21.9	0.93	SANY	114/2050	II
SY215C	21.9	0.93	Mitsubishi	118/2000	III
SY215H	21.9	1.1	Isuzu	120/2000	III
SY215E	23.2	1.1	/	150/1790	/
SY220C	21.8	0.93	SANY	114/2050	II
SY235C	24.2	1.2	Isuzu	128.5/2100	II
SY240C	24.2	1.4	Isuzu	128.5/2100	II
SY245H	25.5	1.3	Mitsubishi	147/2100	III
SY330H	31.5	1.65	Isuzu	212/2000	III
SY335C	34.3	1.5	Isuzu	190.5/2000	II
SY350C	34.3	1.8	Isuzu	190.5/2000	II

Large Excavators

Model	Operating weight (t)	Standard bucket (m3)	Engine	Engine power (kW/rpm)	Stage
SY365H	36	1.6	Isuzu	212/2000	III
SY375H	37.5	1.9	Isuzu	212/2000	III
SY415H	41.5	2.2	Isuzu	257/2000	III
SY500H	49.5	2.5	Isuzu	300/1800	III
SY550HD	51	3.1	Isuzu	300/1800	III
SY650HB	63.2	3.8	Isuzu	345/1800	III
SY750H	76.2	4.6	Isuzu	377/1800	III
SY870H	78.6	5.4	Isuzu	377/1800	III
SY980H	95.8	6.1	SCANIA	425/1800	III
SY1250H	120	8	Cummins	567/1800	III
SY2000H	215	12	Cummins	810/1800	III



SY330H

Engine Power: 212kW/2000rpm
Operating weight: 31500kg
Bucket capacity: 1.65-2.0 m³



Specification

Operating weight	31500 kg
Bucket Capacity	1.65–2.0 (1.65) m ³
Engine	Isuzu
Mode	6HK1
Type	Electronic control direct injection, 6- cylinder 4-stroke turbocharged intercooled, water- cooled
Engine power	212 kW / 2000 rpm
Maximum torque	1080 Nm / 1500 rpm
Displacement	7.79 L

Main Performance

Traveling speed (high/low)	5.4 / 3.2 (km/h)
Swing speed	9.0 rpm
Gradeability	70% (35°)
Ground pressure	60.3 kPa
Bucket digging force	204 kN
Arm crowd force	153 kN

SY415H Hydraulic Excavator

Rated Power: 257 kW / 2000 rpm
Operating Weight: 41,500 kg
Bucket Capacity: 1.9 m³



Specification

Total weight	41500 kg
Operating weight	1.9 m ³
Bucket Capacity	6350 kg
Engine	Isuzu
Mode	6UZ1X
Type	Direct injection, 6- cylinder, 4-stroke, turbocharged, inter- cooling and water-cooled
Engine power	257 kW / 2000 rpm
Maximum torque	1363 Nm / 1500 rpm
Displacement	9.839

Performance

Traveling speed (high/low)	5.3 / 3.2 (km/h)
Slewing speed	8.3 rpm
Gradeability	70% (35°)
Ground pressure	75.3 kPa
Excavation force of bucket	247 kN
Excavation force of bucket rod	218 kN

SY500H

Operating weight:49.5
Standard bucket: 2.5
Engine: Isuzu
Engine Power: 300/1800
Stage: III



Performance parameter

Operating Weight	49500 kg
Bucket Capacity	2.2 – 3.1 m ³
Rated Power	300 kW / 1800 rpm
Traveling Speed (High/Low)	5.4 / 3.1 km/h

Performance parameter

Rotating Speed	8.0 rpm
Gradeability	70% / 35°
Ground Pressure	87.1 kPa
Bucket Digging Force	287 kN
Arm Digging Force	245 kN

SY750H



Performance parameter

Operating Weight	76,200 kg
Bucket Capacity	4.6 m3
Engine Rated Power	377 kW
Travel Speed	4.5 / 2.9 km/h
Swing Speed	7.3 rpm
Gradeability	70% / 35°
Ground Pressure	110 kPa
Bucket Digging Force	402 kN
Arm Digging Force	345 kN

SY1250H



Performance parameter

Specification	Value	Main Performance	Value
Overall Weight	125000 kg	Traveling Speed (High/Low)	3.5 / 2.4 km/h
Bucket Capacity	7.0–8.0 m3	Slewing Speed	5.5 rpm
Engine	Cummins engine	Gradeability	70% / 35°
Model	QSK23	Ground Pressure	148 kPa
Type	Direct injection, 6-cyl, 4-stroke, turbocharged, inter-cooled, water-cooled	Excavating Force of Bucket	585 kN
Rated Power	567 kW / 1800 rpm	Excavating Force of Bucket Rod	460 kN
Maximum Torque	3468 N·m		
Displacement	23 L		

Capacity of Oil & Coolant	Value	Traveling Part	Value
Fuel Tank	1560 L	Number of Track Plates	51
Engine Oil	65 L	Each Carrier Roller Side	3
Cooling System	90 L	Each Thrust Wheel Side	8
Final Drive	2 × 18 L	Standard Track	700 mm

Performance parameter

Operating mass, kg	125000
Bucket capacity, m ³	7.0–8.0
Rated power, kW/rpm	567/1800
Traveling speed (high/low), km/h	3.5/2.4
Slewing speed, rpm	5.5
Gradeability	70% / 35°
Ground pressure, kPa	150
Excavating force of bucket, kN	585
Excavating force of bucket rod, kN	460

Loaders

Our range of Heavy-Duty Loaders is designed to efficiently load dumper and tipper trucks, ensuring maximum productivity on every site. Equipped with reliable Cummins or Weichai engines, Dana/ZF transmissions, and Kawasaki hydraulic systems, these loaders deliver outstanding power, smooth operation, and long service life. Built for high-performance loading cycles, they combine strength, speed, and durability to meet the toughest construction and mining demands.



SW936KI

Operating weight: 11,000 kg

Rated payload: 3,500 kg

Bucket capacity: 2.0 m³

Engine Model: Cummins

Transmission Model: Dana-Zf

Model: QSB5.9-C130-30

Type: Inline 6-cylinder, water cooling, high pressure common rail, turbo-charged and inter-cooled meet China Stage III emission requirements

Rated power/rated rpm: 97kW@2200r/min

Number of cylinders x cylinder bore x stroke: 6 x 102mm x 120mm

Maximum torque: 650Nm



SYL956H5

Rated power: 164 kW @2200 rpm

Operating weight: 17,100 kg

Rated payload: 5,000 kg

Bucket capacity: 2.7-4.0 m³

Engine Model: Cummins

Transmission Model: Dana-Zf



SW966K1

Rated power: 178 kW@2200 rpm

Operating weight: 21,350 kg

Rated payload: 6000kg

Bucket capacity: 4.2 (3.5-4.5) m³

Transmission Model: Dana-Zf

Engine Model: Weichai



SW978K1

Rated power: 210 kW @2200 rpm

Operating weight: 24,300 kg

Rated payload: 7,000 kg

Bucket capacity: 4.5-7.0 m³

Transmission Model: Dana-Zf

Engine Model: Weichai



Tipper Truck

Our Heavy-Duty Tipper Truck, powered by a high performance DEUTZ engine and equipped with a fast, efficient transmission, is built to deliver exceptional productivity and durability. Available in 6×4 and 8×4 configurations, it offers a wide range of box capacities from 18m³ to 55m³, meeting the needs of various heavy-load applications.

Key Advantages

- Larger Cargo Box than standard
- High-Performance Power System
- Excellent Axles
- Hydraulic Retarder System
- Triple Diesel Filtration
- Novel Design
- R24 High-Load Mining Tires



Product	Model	Main Specification
SANY Tipper Truck	SYZ324C-8S	Standard Configuration: • Engine: Deutz D12C3 462. • Emission Standard Euro III. • Displacement: 12.12 L • Wheel Base: 3950 +1500 mm • Tyres Size: 1200/R24 • Cargo Box Capacity: 20 m³–35 m³

Overall Specification

- **GVW:** 41,000 kg
- **Dimension (L×H×W):** 8800×2540×3580 mm
- **Wheel Base:** 3950 +1500 mm

Axles

- **Front axles :** 9000 kg max permissible load per axle
- **2 Rear axles:** 16000 kg max permissible load per axle

Tyres

- **Rim size:** 24
- **Tyers size:** 1200/ R24

Electrical Equipment

- **Battery voltage capacity:** 2 x 12V –180 Ah



Tractor Head

Our Heavy-Duty Tractor Heads are designed to simplify field operations and handle demanding transport tasks with ease. With a Gross Vehicle Weight (GVW) of up to 120 tons, they deliver exceptional pulling power and durability. Powered by high-performance DEUTZ engines and equipped with FAST transmissions, these tractors ensure superior torque, smooth gear transitions, and long-lasting reliability. Available in 6×4 and 8×4 configurations, they provide the perfect balance of strength, efficiency, and operational versatility for heavy-haul applications.



KW D525MTC-80

Low Roof Cabin

Tires: R 24

Engine

Engine Model: Deutz D12C3-517

Displacement (cc): 12120

Rated Power (kW) / Horse Power (HP): 380 kW / 517 HP

Maximum Torque (N·m): 2200

Transmission

Transmission Model 16JSDX240T+QH50

Ratio: Direct gear / head gear ratio 16.693

Model: Fast 16JXDS240T + QH50

Type: Manual Mechanical Gearbox

Maximum Gearbox Torque: 2400 N·m

Number of Speeds: 16 Forward / 2 Reverse

Clutch: Single Dry Plate

Maximum Clutch Torque: 2600 N·m

Hydraulic Steering Wheel, Left-Hand Drive



SA D525MSC-80

High Roof Cabin

Tires: R22.5

Engine

Engine Model: Duetz D12C3-517E0

Displacement: 12.12L

Rated Power: 517HP / 380kW

Maximum Torque: 2200



Transmission

Model: 16JSDX240T+QH50

Ratio: Direct Gear 1

Model: Fast 16JXDS240T + QH50

Type: Manual Mechanical Gearbox

Maximum Gearbox Torque: 2400 N·m

Number of Gears: 16 Forward / 2 Reverse

Clutch: Single Dry Plate

Maximum Clutch Torque: 2600 N·m

SAD525 MSC-110

Low Roof Cabin

Tires: R 24

Engine

Model: DUETZ – D13C3-520E0 (Emission Standard Euro III)

Displacement: 12.94 cc

Rated Power: 520 HP

Maximum Torque: 2550 Nm @ 1000–1500 rpm

Transmission

Model: Fast 12JZ26A + QHG50C AMT

Type: Automatic Mechanical Gearbox (AMT)

Forward Gears: 12

Reverse Gears: 2

Clutch: Single dry plate

Transmission

Additional Feature:

Hydraulic steering wheel, left-hand drive



WEBSITE

ELSEWEDY BUILDING SOLUTIONS

Plot No. 13co3, Cairo Festival City, 5th Settlement, P.O. Box 310, New Cairo, Egypt.



Call Now
19159



+202 2759 9700
+202 2759 9701



Info@elsewedybuildingsolutions.com
www.elsewedybuildingsolutions.com