

**ELSEWEDY
ELECTRIC**

**BUILDING
SOLUTIONS**



CONSTRUCTION, ROADS & CONCRETE

SANY'S COMPREHENSIVE HEAVY MACHINERY & EQUIPMENT





POWERING PROGRESS THROUGH PARTNERSHIP

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ABOUT ELSEWEDY ELECTRIC

Elsewedy Electric is a global infrastructure solutions provider with over 19,000 employees and revenues of over USD 5.13 billion in 2024. We operate in six key business sectors and have a strong presence in 19 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.

WE 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**



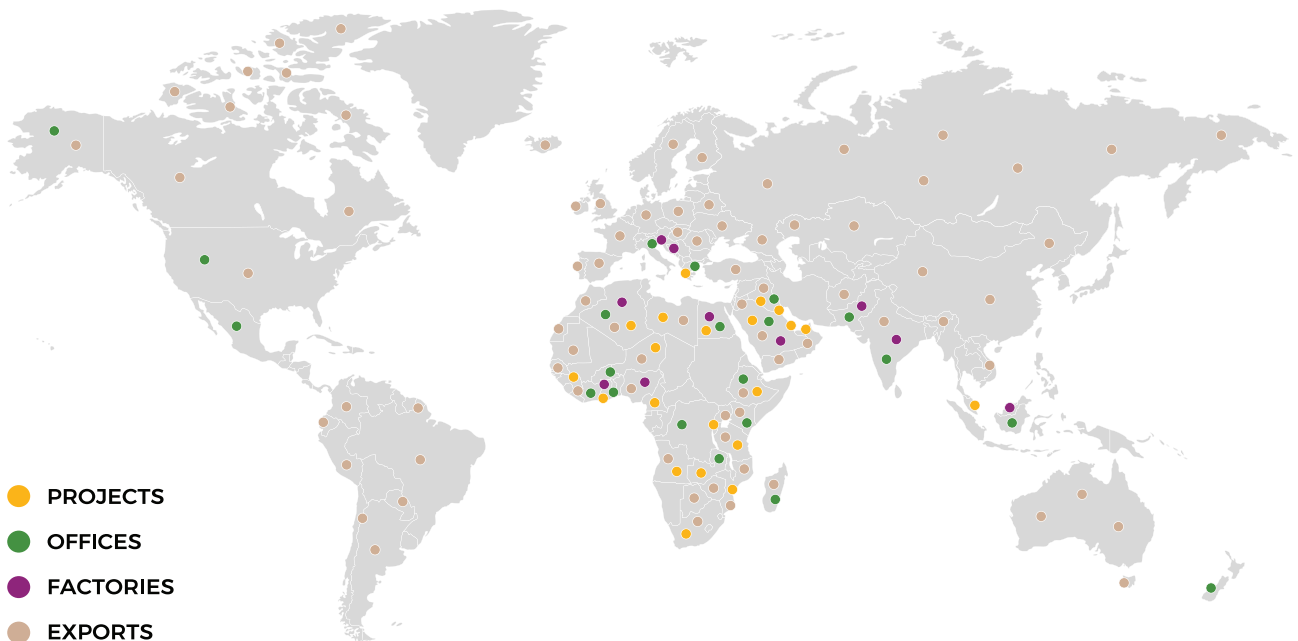
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**OPERATION
COUNTRIES**



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.

INTEGRATED SMART SOLUTIONS



BUILDING AUTOMATION & SMART INFRASTRUCTURE

Smart systems for efficient building management.



INTELLIGENT BUILDING SOLUTIONS

Integrated solutions for connected buildings.

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

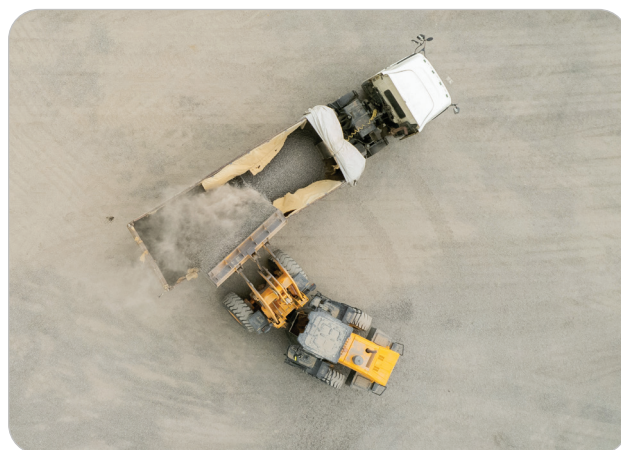
End-to-end solutions for water transfer, irrigation, and fire protection.

CONSTRUCTION, ROADS & CONCRETE

At Elsewedy Electric Building Solutions, we believe in shaping the future through innovation, reliability, and strategic global partnerships. As part of the Elsewedy Electric Group, we combine decades of regional expertise with SANY's world-class engineering excellence to deliver advanced heavy equipment and commercial transportation solutions that drive progress across the construction, mining, logistics, and industrial sectors throughout Egypt and Africa.

Together, we offer a comprehensive portfolio of premium machinery and commercial trucks, supported by industry-leading after-sales services, genuine spare parts, advanced technical expertise, and a highly skilled service network. Every solution is designed to maximize productivity, enhance operational efficiency, and deliver long-term value.

Driven by a shared commitment to quality, innovation, and sustainability, we empower our customers to build smarter, operate more efficiently, and deliver projects with confidence. Together, we are helping shape the infrastructure, industries, and communities of tomorrow.



TIPPER TRUCK

MODEL SYZ324C-8S

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.

CONFIG	Engine: Deutz D12C3 462.	Emission Standard Euro 3
	Displacement 12.12 L	Wheel Base 3950 +1500 mm
	Tyres Size: 1200/R24	Cargo Box Capacity 20-24m^3
SPECS	GVW 55,000 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	
BATTERY	Battery Voltage Capacity 2 x 12V -180 Ah.	



TIPPER TRUCK

MODEL SYZ324C-8S



TRACTOR HEAD

MODEL HQC4250

Our Heavy-Duty Tractor Heads are designed to simplify field operations and handle demanding transport tasks with ease. With a Gross Vehicle Weight (GCW) of up to 110 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 configurations, they provide the perfect balance of strength, efficiency, and operational versatility for heavy-haul applications.

ENGINE	
Engine Model: Duetz D12C3-517/520	Displacement (CC): 12120
Maximum Torque (N·m): 2200	Rated Power (kW) / Horse Power (HP) 380 kW / 517 - 520 HP
TRANSMISSION	
Transmission Model: FAST	Model: 12 GHD
Type: Manual / Automatic Gearbox	Maximum Gearbox Torque: 2400 N·m
Number of Speeds: 12 -16 Forward / 2 Reverse	Clutch: Single Dry Plate
Maximum Clutch Torque: 2600 N·m	Hydraulic Steering Wheel, Left-Hand Drive



TRACTOR
HEAD
LOW / HIGH ROOF

MODEL
HQC4250



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 demands.

SW936K1	Operating Weight: 11,000kg	Rated Payload: 3,500kg
	Bucket Capacity: 2.0 m ³	Engine: Cummins, Transmission: DANA Powered by SANY
	Model: QSB5.9-C130-30	Rated Power/Rated rpm: 97kW@2200r/min
	Type: Inline 6-cylinder, water cooling, high pressure common rail, turbo-charged and inter-cooled meet China Stage 3 emission requirements.	
	Number of cylinders x cylinder bore x stroke: 6 x 102mm x 120mm Maximum Torque: 650Nm	
SYL956H5	Rated power: 164 kW @2200 rpm	Bucket capacity: 2.7-4.0 m ³
	Operating weight: 17,100 kg	Engine Model: Cummins
	Rated payload: 5,000 kg	Transmission Model: DANA Powered by SANY
SW966K1	Rated Power: 178 kW@2200 rpm	Bucket Capacity: 4.2 (3.5-4.5) m ³
	Operating Weight: 21,350 kg	Transmission Model: DANA Powered by SANY
	Rated Payload: 6000kg	Engine Model: Weichai
SW978K1	Rated power: 210 kW @2200 rpm	Bucket capacity: 4.5-7.0 m ³
	Operating weight: 24,300 kg	Transmission Model: DANA Powered by SANY
	Rated payload: 7,000 k	Engine Model: Weichai



LOADERS



EXCAVATOR

MODEL SY135C

Our excavators are built to excel in the toughest construction, roadwork, and concrete environments, delivering exceptional strength, efficiency, and durability. They are engineered to handle diverse site requirements and ensure maximum uptime and productivity across every application.

MACHINE DIMENSIONS	
DESCRIPTION	VALUE
Overall length (in transportation state)	7,760 mm
Overall width (in transportation state)	2,550 mm
Overall height (in transportation state)	2,950 mm
Upper width	2,490 mm
Overall height to cab top	2,820 mm
Width of Standard Track Shoe	500 mm
Track gauge	1,990 mm
Minimum ground clearance	425 mm
Slewing radius of tail	2,410 mm
Length of Track on Ground	2,965 mm
Crawler length	3,665 mm
Width of undercarriage	2,490 mm
Grouser height	26 mm
Counterweight ground clearance	4,500 mm
Standard Boom Length	4,600 mm
Standard Arm Length	2,500 mm

EXCAVATOR

MODEL SY135C

WORKING PERFORMANCE

PARAMETER	VALUE
Working weight	13,500 kg
Bucket capacity	0.6 m ³
Engine model	GL4J1-TAA (ISUZU)
Engine power	73 kW / 2000 rpm
Width of track pad	500 mm
Digging Force of Bucket	92.7 kN
Digging Force of Stick	66.13 kN

WORKING SCOPE

DESCRIPTION	VALUE
Max. Digging Height	8,570 mm
Max. Dumping Height	6,200 mm
Max. Digging Depth	5,520 mm
Max. Digging Distance	8,470 mm
Min. Slewing Radius	2,410 mm
Maximum height at minimum slewing radius	6,500 mm

EXCAVATOR

MODEL
SY135C



MACHINE DIMENSIONS	
DESCRIPTION	VALUE
Overall length (in transportation state)	9,680 mm
Overall width (in transportation state)	2,980 mm
Overall height (in transportation state)	3,440 mm
Upper width	2,875 mm
Overall height to cab top	3,040 mm
Width of Standard Track Shoe	600 mm
Track gauge	2,380 mm
Minimum ground clearance	470 mm
Slewing radius of tail	2,750 mm
Length of Track on Ground	3,360 mm
Crawler length	4,160 mm
Width of undercarriage	2,980 mm
Grouser height	26 mm
Counterweight ground clearance	1,130 mm
Standard Boom Length	5,700 mm
Standard Arm Length	2,900 mm

EXCAVATOR

MODEL SY215HS

WORKING PERFORMANCE

PARAMETER	VALUE
Working weight	21,500 kg
Bucket capacity	1.0 m ³
Engine model	4HK1 (ISUZU)
Engine power	133 kW / 2000 rpm
Width of track pad	600 mm
Digging Force of Bucket	138 kN
Digging Force of Stick	103 kN

WORKING SCOPE

DESCRIPTION	VALUE
Max. Digging Height	9,620 mm
Max. Dumping Height	6,730 mm
Max. Digging Depth	6,280 mm
Max. Vertical Digging Depth	5,780 mm
Min. Slewing Radius	3,730 mm
Maximum height at minimum slewing radius	7,660 mm

EXCAVATOR

MODEL
SY215HS



EXCAVATOR

MODEL SY335C

TECHNICAL SPECIFICATIONS

SPECIFICATION	VALUE
Operating weight	31,500 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 intercooler, water-cooled
Engine power	212 kW / 2000 rpm
Maximum torque	1080 Nm / 1500 rpm
Displacement	7.79 L

MAIN PERFORMANCE

PARAMETER	VALUE
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

EXCAVATOR

MODEL
SY335C



ROLLERS

MODEL SSR120C

Our Rollers are designed to deliver powerful and efficient compaction across all road construction and site preparation projects. With operating weights from 4 to 25 tons and vibration frequencies up to 67 Hz, they ensure uniform, high-quality compaction for durable and stable surfaces. Built for reliability and continuous operation, these rollers combine advanced vibration technology with robust engineering for superior performance under demanding conditions.

ITEM	PERFORMANCE PARAMETER
Operating mass (kg)	12400
Mass allocated to vibrating drum (kg)	6950
Mass allocated to driving axle (kg)	5450
Static linear load of vibrating drum (N/cm)	326
Vibration frequency (Hz)	32/40
Nominal amplitude (mm)	1.8 / 0.9
Excitation force (kN)	280 / 216
Diameter of vibrating drum (mm)	1500
Width of vibrating drum (mm)	2130
Vibrating drum rim thickness (mm)	25
Travel speed (km/h)	0~3.5 / 0~4.5 / 0~6.5 / 0~10.5
Theoretical gradeability	65%
Minimum ground clearance (mm)	431
Wheelbase (mm)	2940
Steering angle (°)	±35
Swing angle (°)	±12
Minimum turning outer diameter (mm)	11700
Tire specification	23.1-26
Supplier	ISUZU
Model	4HK1XDEAA-01
Emission	Euro II

ROLLERS

MODEL STR120C-10

ITEM	VALUE
Operating weight (kg)	12000
Front and rear distributed load (kg)	6000/6000
Static linear pressure (N/cm)	296/296
Vibration frequency (Hz)	50/61
Amplitude (mm)	0.75/0.3
Exciting force (kN)	140/94
Travelling speed (km/h)	0~12
Operation speed (km/h)	0~8
Theoretical gradeability: static mode / vibrating mode (%)	35/30
Engine brand and model	Dongfeng Cummins QSB4.5-C160-30
Emission stage	Euro III
Rated power/speed (kW/rpm)	119/2200
Fuel tank volume (L)	210



ROLLERS

MODEL STR120C-10



TECHNICAL SPECIFICATIONS	
ITEM	VALUE
Max. operating weight (kg)	16000
Min. operating weight (kg)	10000
Ground pressure (kPa)	200-400
Single tire load (t)	2
Tire inflation pressure (kPa)	200-800
Compaction width (mm)	2085
Overlap (mm)	36
Travel speed (km/h)	0-7.6 / 0-14
Steering angle (°)	30
Gradeability	25%
Swing distance (mm)	50
Ground clearance (mm)	350
Wheelbase (mm)	3750
Min. turning outside diameter (mm)	17000
Brand	DONGFENG CUMMINS
Model	4BTAA3.9-C125
Emission	/
Power (kW)	93
Accumulator (V×Ah)	24×120
Water tank (L)	500
Fuel tank (L)	160
Hydraulic oil tank (L)	100

ROLLERS

MODEL SPR160C

STANDARD & OPTIONAL CONFIGURATIONS				
CONFIG	SYSTEMS	DESCRIPTION	QTY	DETAILS & REMARKS
Standard Confi.	Main Machine	Pneumatic Roller, Standard	1	1. Engine 2. Travel pump 3. Travel motor 4. Transaxle 5. Canopy 6. Front covering part 7. Front wheel assembly 8. Rear wheel assembly 9. Electrical system 10. Frame assembly 11. Water spraying system
Standard confi.	Shed	Shed	1	Low cost (Optional)
Standard confi.	Cab	Cab	1	Work in windy, sandy, and extreme temperature conditions (Optional, substitute smooth drums permissible)
Optional config.	Air conditioner	Air condition system	1	Work in windy, sandy, and extreme temperature conditions (Optional)
Optional config.	Rear vision system	Rear vision system	1	Work in confined areas such as residential areas (Optional)
Optional config.	Centralized inflation	Centralized inflation	1	High-grade road works (Optional)
Optional config.	Auto-oil-spraying system	Auto-oil-spraying system	1	High-grade road works (Optional)

ROLLERS

MODEL SPR160C



TECHNICAL SPECIFICATIONS	
ITEM	VALUE
Engine brand and model	SDEC SC7H190G3
Emission stage	Non-road China III
Rated net power/speed (kW/rpm)	138/2200
Maximum operating mass (kg)	30000
Single tire load (t)	3.33
Compaction width (mm)	2368
Tire overlap (mm)	63
Theoretical gradeability	25%
Operation speed (km/h)	0-5.5 / 0-8 / 0-10 / 0-14
Transition speed (km/h)	0-14
Minimum ground clearance (mm)	360
Wheelbase (mm)	4800
Fuel tank volume (L)	180
Transportation dimensions (L×W×H) (mm)	5200×2363×3260

ROLLERS

MODEL SPR300C



GRADERS

MODEL STG230C-10S

Our range of Graders are designed to deliver accurate leveling, smooth grading, and reliable performance across all road construction and site preparation tasks. With blade widths ranging from 3.7 m to 4.3 m and powerful engine options from Cummins and Weichai, these graders provide exceptional traction, control, and grading efficiency. Engineered for productivity and durability, they combine advanced hydraulic systems, operator-friendly controls, and robust structural design to ensure consistent results even in the most demanding terrain.

ITEM	VALUE
Engine: DONGFENG CUMMINS	6CTAA8.3 Stage II
Rated power/speed (kW/rpm)	179/2200
DIMENSIONS (MM)	
Standard configuration: including front and rear counterweights	9510×2740×3500
Addition: rear ripper	10350×2740×3500
Addition: front dozer + rear ripper	11230×2740×3500
OPERATING MASS (KG)	
Standard configuration: including front and rear counterweights	16800
Addition: rear ripper	17400
Addition: front dozer + rear ripper	18450
Forward speed (km/h)	6/10/13/21/27/42
Reverse speed (km/h)	6/13/27
Blade length × chord height (mm)	4270×620 (standard)
Maximum lifting height of blade (mm)	505
Fuel tank volume (L)	400
Hydraulic tank volume (L)	140

MODEL STG230C-10S



Our range of Cranes—covering Truck Cranes, Rough Terrain Cranes, Crawler Cranes, and Tower Cranes is engineered to deliver powerful lifting performance and reliable operation across all construction and infrastructure projects. With lifting capacities from 8 to 1,600 tons and boom lengths reaching up to 150 m, they offer exceptional reach, strength, and versatility on every site. Powered by high-torque Weichai, Cummins, or Mercedes-Benz engines, these cranes ensure efficient operation, precise control, and long-lasting durability even under demanding conditions.

CATEGORY	ITEM	UNIT	VALUE
CAPACITY	Max. lifting capacity	t	50
WEIGHT	Gross weight	kg	42000
	Engine model	-	DF CUMMINS ISLe34030 (Rok III) / DF CUMMINS ISLe34030 (Euro II)
POWER	Engine power	kW/rpm	251/2100
	Max. engine torque	N·m/rpm	1425/1100-1400
DIMENSIONS	Overall length	mm	13900
	Overall width	mm	2800
	Overall height	mm	3800
TRAVEL	Max. travel speed	km/h	85
	Min. steering radius	m	12
	Min. steering radius of boom tip	m	14.8
	Wheel formula	-	6×4
	Min. ground clearance	mm	240
	Approach angle	°	≥19
	Departure angle	°	≥14
	Max. gradeability	%	45
	Fuel consumption per 100 km	L	≤45
	Working temperature range	°C	-20-45
	Min. rated lifting radius	m	3
	Tail slewing radius	m	3.05
	Boom sections (Qty.)	-	5
	Boom shape	-	U shape

CRANES

MODEL STC500C5

CATEGORY	ITEM	UNIT	VALUE
MAIN PERFORMANCE	Max. lifting moment (Basic boom)	kN·m	2058
	Max. lifting moment (Full-extension boom)	kN·m	1097.6
	Max. lifting moment (Full-extension boom + jib)	kN·m	439
	Boom length (Basic boom)	m	11.55
	Boom length (Full-extension boom)	m	45
	Boom length (Full-extension boom + jib)	m	60.5
	Boom elevating angle	°	-2~80
	Outrigger span (Longitudinal × Transverse)	m	6.05 × 7.4
	Jib offset	°	0, 15, 30
AIRCONDITIONER	In operator's cab	-	Heating & Cooling
	In driver's cab	-	Heating & Cooling



CRANES

MODEL
STC500C5



CATEGORY	ITEM	UNIT	VALUE
CAPACITY	Max. lifting capacity	t	70
WEIGHT	Gross weight	kg	43200
	Engine model	-	DF CUMMINS ISLe340 30(Euro III) / DF CUMMINS ISLe340 30 (Rok III)
POWER	Engine power	kW/rpm	250/2100
	Max. engine torque	N·m/rpm	1425/1100-1400
DIMENSIONS	Overall length	mm	13900
	Overall width	mm	2800
	Overall height	mm	3800
TRAVEL	Max. travel speed	km/h	85
	Min. steering radius	m	12
	Min. steering radius of boom tip	m	15.4
	Wheel formula	-	8×4
	Min. ground clearance	mm	240
	Approach angle	°	19
	Departure angle	°	10
	Max. gradeability	%	43
	Fuel consumption per 100 km	L	≤45
	Working temperature range	°C	-20~45
	Min. rated lifting radius	m	2.5
	Tail slewing radius	m	4.05
	Boom sections (Qty.)	-	5
	Boom shape	-	U shape

CATEGORY	ITEM	UNIT	VALUE
MAIN PERFORMANCE	Max. lifting moment (Basic boom)	kN·m	2156
	Max. lifting moment (Full-extension boom)	kN·m	1148
	Max. lifting moment (Full-extension boom + jib)	kN·m	458
	Boom length (Basic boom)	m	11.9
	Boom length (Full-extension boom)	m	45
	Boom length (Full-extension boom + jib)	m	61.5
	Max. lifting height (Basic boom)	m	11.9
	Max. lifting height (Full-extension boom)	m	46.5
	Max. lifting height (Full-extension boom + jib)	m	62
	Outrigger span (Longitudinal × Transverse)	m	6.24 × 7.7
	Jib offset	°	0,15,30
AIRCONDITIONER	In operator's cab	-	Cooling
	In driver's cab	-	Heating & cooling



CRANES

MODEL
STC700C5



CATEGORY	ITEM	UNIT	VALUE
CAPACITY	Max. lifting capacity	t	100
WEIGHT	Gross weight	t	47.2
	Engine model	-	ISLE375 30 (Euro III)
POWER	Engine power	kW/rpm	275/2100
	Max. engine torque	N·m/rpm	1425/1100
DIMENSIONS	Overall length	mm	13900
	Overall width	mm	2800
	Overall height	mm	3950
TRAVEL	Max. travel speed	km/h	85
	Min. steering radius	m	12.3
	Min. steering radius of boom tip	m	14.6
	Wheel formula	-	8 × 4 × 4
	Min. ground clearance	mm	302
	Approach angle	°	18
	Departure angle	°	13
	Max. gradeability	%	45
	Fuel consumption per 100 km	L	45 (Manual transmission), 50 (Automatic transmission)
	Working temperature range	°C	-25 to +45
	Min. rated lifting radius	m	3
	Tail slewing radius	m	4524
	Boom sections (Qty.)	-	5
	Boom shape	-	Oval shape

CRANES

MODEL STC1000T6

CATEGORY	ITEM	UNIT	VALUE
MAIN PERFORMANCE	Max. lifting moment (Basic boom)	kN·m	3575.5
	Max. lifting moment (Full-extension boom)	kN·m	2923.3
	Max. lifting moment (Full-extension boom + jib)	kN·m	905.5
	Max. lifting moment (Full-extension boom + boom extension + jib)	kN·m	588
	Boom length (Basic boom)	m	12.9
	Boom length (Full-extension boom)	m	51
	Boom length (Full-extension boom + jib)	m	77.5
	Boom length (Full-extension boom + boom extension + jib)	m	87
	Max. lifting height (Basic boom)	m	12.9
	Max. lifting height (Full-extension boom)	m	51
	Max. lifting height (Full-extension boom + jib)	m	77.5
	Max. lifting height (Full-extension boom + boom extension + jib)	m	87
	Outrigger span (Longitudinal × Transverse)	m	8.6 × 6.53
AIRCONDITIONER	In operator's cab	-	Cooling
	In driver's cab	-	Heating & cooling



CRANES

MODEL STC1000T6



Our range of Asphalt Pavers is engineered to deliver smooth, uniform, and high-quality asphalt layers across all road construction projects. With paving widths from 2.5 m to 12 m and advanced high-precision control systems, these pavers ensure consistent mat thickness, optimal compaction, and superior surface finish. Designed for reliability and ease of operation, they combine robust engineering, intelligent controls, and stable performance to meet demanding on-site conditions with precision and efficiency.

TECHNICAL SPECIFICATIONS	
ITEM	VALUE
Model	SSP80C-8H
Paving capacity (t/h)	800
Paving width (m)	Hydraulic: 8.2
Basic width (m)	Hydraulic: 2.5-4.7
Max. paving thickness (mm)	350
Working speed (m/min)	1-23
Travel speed (km/h)	0-2.5
Transport size (mm)	Hydraulic: 7250 × 3050 × 3330
Engine brand	SHANGCHAI
Engine model	SC7H210G3
Rated power of engine (kW)	153
Emission standard	CHINA III
Voltage of electric system (V)	24
Gradeability	≥ 20%
Frequency of oscillation (Hz)	0-50 (optional)
Hopper capacity (m³)	8.5
Heating mode	Electric heated

TECHNICAL SPECIFICATIONS

ITEM	VALUE
Camber adjustment range (%)	-1-3
Tamps	1
Amplitude of tamp (mm)	0/2/4/6/8
Frequency of tamp (Hz)	0-25
Screed	SANY SE47/80 screed
Levelling system	MOBA (control + sensor)
Length of screed (m)	4.7 / 5.2 / 6.2 / 6.7 / 7.7 / 8.2

**PAVER****MODEL
SSP80C**

Our Concrete Batching Plants deliver precise, consistent, and high-quality concrete production across all project sizes. With capacities from 60 m³/h to 240 m³/h and a modular design for fast installation and easy transport, they ensure efficient setup and reliable operation. Equipped with SANY twin-shaft mixers and Siemens control systems, they provide high homogeneity, short mixing cycles, and advanced automation. Built with durable galvanized structures and wear-resistant liners, they offer long service life and low maintenance, while full integration with SANY pumps and trucks ensures a smooth, end-to-end workflow.

TECHNICAL SPECIFICATIONS	
ITEM	VALUE
Theoretical productivity (m ³ /h)	120
Motor power (kW)	2 × 37
Nominal capacity of mixer (L)	2000
Max. aggregate size (mm)	80
Silo capacity (t)	4 × 200
Aggregate capacity (m ³)	4 × 17
Category of aggregate	4
Discharging height (m)	3.8
Rated power (kW)	210
Aggregate metering accuracy	(600–2000) ±2%
Cement metering accuracy	(200–1200) ±1%
Fly-ash metering accuracy	(200–800) ±1%
Water metering accuracy	(150–400) ±1%
Additive metering accuracy	(15–50) ±1%
Feeding mode	Inclined belt
Reference weight (t)	92

TECHNICAL SPECIFICATIONS

ITEM	VALUE
Theoretical productivity (m ³ /h)	180
Motor power (kW)	2 × 55
Nominal capacity of mixer (L)	3000
Max. aggregate size (mm)	80
Silo capacity (t)	4 × 200
Aggregate capacity (m ³)	4 × 25
Category of aggregate	4
Discharging height (m)	3.8
Rated power (kW)	250
Aggregate metering accuracy	(900-3000) ±2%
Cement metering accuracy	(300-1800) ±1%
Fly-ash metering accuracy	(200-1000) ±1%
Water metering accuracy	(200-800) ±1%
Additive metering accuracy	(15-80) ±1%
Feeding mode	Inclined belt
Reference weight (t)	106

CONCRETE BATCHING

MODEL
HZS180X8



BATCHING PLANT

MODEL HZS240C10H

TECHNICAL SPECIFICATIONS

ITEM	VALUE
Theoretical productivity (m ³ /h)	240
Motor power (kW)	2 × 65
Nominal capacity of mixer (L)	4000
Max. aggregate size (mm)	80
Silo capacity (t)	4 × 300
Aggregate capacity (m ³)	4 × 25
Category of aggregate	4
Discharging height (m)	3.8
Rated power (kW)	280
Aggregate metering accuracy	(900-4500) ±2%
Cement metering accuracy	(400-2500) ±1%
Fly-ash metering accuracy	(200-1200) ±1%
Water metering accuracy	(200-1000) ±1%
Additive metering accuracy	(15-80) ±1%
Feeding mode	Inclined belt
Reference weight (t)	118

CONCRETE BATCHING

MODEL
HZS240C10H



ASPHALT MIXING PLANT

MODEL SLB4000C8

Our Asphalt Mixing Plants are engineered to deliver consistent, high-quality asphalt production with reliable performance across all project sizes. With capacities ranging from 80 t/h to 320 t/h, they feature high-efficiency drying drums, precise weighing systems, and eco-friendly diesel or gas burners for optimized operation. Advanced temperature and bitumen control ensure uniform mix quality, while dust collection and recycling systems significantly reduce emissions. Designed with modular structures for fast transport and quick site commissioning, these plants minimize downtime and operating costs. Built for 24/7 operation under tough conditions, they offer long-term reliability, lower maintenance needs, and efficient fuel usage.

CATEGORY	ITEM	VALUE
MAIN PARAMETERS	Rated productivity (t/h)	320
	Fuel	Light Oil, Heavy Oil, Natural Gas, Coal Gas, Liquefied Gas
	Max total power (kW)	730
COLD AGGREGATE SYSTEM	Number of cold aggregate silo	6
	Cold aggregate silo capacity (m ³)	13
	Material loading width (m)	3.6
DRYING SYSTEM	Drying drum length (m)	12
	Drying drum diameter (m)	φ 2.75
	Rated burner capacity (MW)	35
HOT AGGREGATE ELEVATOR	Aggregate conveying capacity (t/h)	380
SCREENING SYSTEM	Screen	6
HOT AGGREGATE SILO	Hot aggregate silo (m ³)	65
MIXING SYSTEM	Rated mixing capacity (kg)	4500
	Mixing power (kW)	2 * 55
FILLER SYSTEM	Powder filling silo (m ³)	50
	Powder recycling silo	50
BITUMEN SUPPLY SYSTEM	Diesel tank (L)	30000
	Bitumen tank (L)	4 * 50000

ASPHALT MIXING PLANT

MODEL SLB4000C8

CATEGORY	ITEM	VALUE
BITUMEN SUPPLY SYSTEM	Heavy oil tank (L)	\$1 * 300000\$
	Heat conducting furnace (kcal/h)	800000
DEDUST SYSTEM	Filtration area (\$m^2\$)	1200
	Induced draft fan air volume (\$Nm^3\$/h)	105000
	Induced draft fan power (kW)	185
ASPHALT SILO CAPACITY	Standard	-
	Optional (t)	100
CONTROL SYSTEM	Control mode	Distributed



ASPHALT MIXING PLANT

MODEL
SLB4000C8



CONCRETE PUMP

MODEL SYG5310THB 430C-10

Our Concrete Boom Pumps deliver powerful and precise concrete placement with reach lengths from 30 m to 63 m. Built on a robust SANY chassis with a reliable Deutz engine; they ensure strong performance and long service life. Equipped with Rexroth hydraulic pumps, a durable transmission gearbox, and boom configurations of up to 6 arms, they provide smooth flow, accurate placement, and excellent site coverage. Maintenance is simplified with an easy-change delivery piston (RAM), while high-pressure hydraulic systems—380 bar for main and boom pumps and 200 bar for S-tube hydraulics—ensure consistent, efficient pumping under demanding conditions.

BOOM	PUMPING SYSTEM
Vertical reach: 42.5 m	Theoretical output: 160 m ³ /h (96 m ³ /h)
Horizontal reach: 37.7 m	Theoretical pressure: 7 MPa (12 MPa)
Depth reach: 27 m	Delivery cylinder diameter: 230 mm
UNFOLDED REACH: 11 M	Stroke length: 1900 mm
Rotation: ±360 °	Hydraulic system: Open
Front outrigger spread L-R: 8430 mm	Hydraulic system oil pressure: 32 MPa
Rear outrigger spread L-R: :7815 mm	Oil tank capacity: 450 L
End hose length: 3 m	Water tank capacity: 620 L
End hose diameter: 125 mm	
Pipeline Size 125 MM	

CONCRETE PUMP

MODEL
SYG5310THB 430C-10



CONCRETE PUMP

MODEL SYG5370THB 470C-10

BOOM	PUMPING SYSTEM
Vertical reach: 47 m	Theoretical output: 200 m ³ /h (137 m ³ /h)
Horizontal reach: 42 m	Theoretical pressure: 8.3 MPa (12 MPa)
Depth reach 29.3 m	Delivery cylinder diameter: 260 mm
UNFOLDED REACH: 13.9 M	Stroke length: 1900 mm
Rotation: $\pm 360^{\circ}$	Hydraulic system: Open
Front outrigger spread: L-R 8600 mm	Hydraulic system oil pressure: 32 MPa
Rear outrigger spread: L-R 9000 mm	Oil tank capacity: 680 L
End hose length: 3 m	Water tank capacity: 620 L
End hose diameter: 125 mm	
Pipeline size: 125 mm	



CONCRETE PUMP

MODEL
SYG5370THB 470C-10



CONCRETE PUMP

MODEL SYG5441THB 560C-10

BOOM	PUMPING SYSTEM
Vertical reach: 56 m	Theoretical output: 200 m ³ /h (137 m ³ /h)
Horizontal reach: 51 m	Theoretical pressure: 8.3 MPa (12 MPa)
Depth reach: 36.6 m	Delivery cylinder diameter: 260 mm
Unfolded reach: 15.2 m	Stroke length: 2100 mm
Rotation: $\pm 360^\circ$	Hydraulic system: Open
Front outrigger spread: L-R 9470 mm	Hydraulic system oil pressure: 32 MPa
Rear outrigger spread: L-R 12530 mm	Oil tank capacity: 610 L
End hose length: 3 m	Water tank capacity: 600 L
End hose diameter: 125 mm	
Pipeline size: 125 mm	



CONCRETE PUMP

MODEL
SYG5441THB 560C-10



CONCRETE PUMP

MODEL SYG5521THB 630S

BOOM	PUMPING SYSTEM
Vertical reach: 62.1 m	Theoretical output: 200 m ³ /h (137 m ³ /h)
Horizontal reach: 55.4 m	Theoretical pressure: 8.3 MPa (12 MPa)
Depth reach: 45.2 m	Delivery cylinder diameter: 260 mm
UNFOLDED REACH: 15.8 M	Stroke length: 2100 mm
Rotation: $\pm 360^{\circ}$	Hydraulic system: Open
Front outrigger spread: L-R 9780 mm	Hydraulic system oil pressure: 32 MPa
Rear outrigger spread: L-R 13490 mm	Oil tank capacity: 450+450 L
End hose length: 3 m	Water tank capacity: 700+700 L
End hose diameter: 125 mm	
Pipeline size: 125 mm	



CONCRETE PUMP

MODEL
SYG5521THB 630S



GENERAL SPECIFICATIONS

PARAMETER	VALUE
Max. Placing Radius (m)	18.2
Rotation (°)	±365
Working Ambient Temperature (°C)	(-20) – (+50)
Installation Model	Free Installation of Supporting for Four Outriggers
Span between Front and Rear Outriggers (mm)	4900 × 4900
Power Supply	380V, 50Hz
Power (kW)	7.5
System Pressure (MPa)	20
Control Systems	Radio / Local
Pipe Cleaning Mode	Water / Dry Cleaning
Total Approx. Weight (incl. Counter Weight) (t)	7.8
Counterweight (t)	2.8
Boom Design	3R
Pipe Diameter (mm)	125
End Hose Length (m)	3

BOOM SECTIONS

SECTION	LENGTH (MM)	ARTICULATION (°)
1st Section	7398	90
2nd Section	6271	180
3rd Section	4500	240

GENERAL SPECIFICATIONS

PARAMETER	VALUE
Max. Placing Radius (m)	33
Rotation (°)	365
Working Ambient Temperature (°C)	(-20) – (+50)
Tower Height (m)	20
Installation Model	Floor
Climbing Speed (m/min)	0.5–0.8
Climbing Mode	Cylinder Jack-up Type
Power Supply	380V, 50Hz
Power (kW)	15
System Pressure (MPa)	32
Control Systems	Manual / Radio
Pipe Cleaning Mode	Water / Dry Cleaning
Total Approx. Weight (t)	17
Counterweight (t)	No
Base	Optional
Boom Design	4M
Pipe Diameter (mm)	125
End Hose Length (m)	3

BOOM SECTIONS

SECTION	LENGTH (MM)	ARTICULATION (°)
1st Section	9050	92
2nd Section	7900	180
3rd Section	7950	241
4th Section	7950	235

GENERAL SPECIFICATIONS

PARAMETER	VALUE
Max. Placing Radius (m)	44.6
Rotation (°)	365
Working Ambient Temperature (°C)	(-20) – (+50)
Tower Height (m)	50.2
Installation Model	Tower
Climbing Speed (m/min)	0.5–0.8
Climbing Mode	Cylinder Jack-up Type
Power Supply	380V, 50Hz
Power (kW)	37
System Pressure (MPa)	32
Control Systems	Manual / Radio
Pipe Cleaning Mode	Water / Dry Cleaning
Total Approx. Weight (t)	48.3 (with 9.6t counterweight)
Counterweight (t)	Yes (9.6t)
Boom Design	5RZ
Pipe Diameter (mm)	125
End Hose Length (m)	3

BOOM SECTIONS

SECTION	LENGTH (MM)	ARTICULATION (°)
1st Section	9760	89
2nd Section	7670	180
3rd Section	7670	180
4th Section	7670	180
5th Section	10060	215

PLACING BOOM



**PLACING
BOOM**

TRAILER PUMP

Our Trailer Pumps are designed for high-performance concrete pumping with reach heights from 80 m to 300 m. Built on a robust SANY chassis with a reliable Deutz engine, they ensure powerful, smooth, and efficient operation. Equipped with Rexroth hydraulic pumps, high-pressure main and boom systems (380 bar), and 200 bar S-tube hydraulics, they deliver consistent flow and precise placement. Maintenance is simplified with an easy-change delivery piston (RAM), ensuring minimal downtime and reliable performance on demanding construction sites.

MODEL	MAX. THEORETICAL OUTPUT (M ³ /H)	MAX. THEORETICAL PRESSURE (MPA)	ENGINE POWER (kW)
HBT5008C-6Y	55	8	66
HBT6013C-5S	65/40	8/13	114
HBT6016C-5S	70/45	10/16	180
HBT8018C-5S	85/50	10/18	180
HBT9028CH-5S	95/70	19/28	2×180
HBT9050CH-5S	90/50	24/50	2×300
HBT12020C-5S	120/75	11/21	300
HBT6013C-5	65/40	8/13	90
HBT8018C-5	87/57	10/18	160



TRAILER PUMP



TRAILER PUMP

MODEL HBT12020C-5S

TECHNICAL SPECIFICATIONS

PARAMETER	VALUE
Max. Delivery Pressure (theoretical) (MPa) - Low Pressure	11
Max. Delivery Pressure (theoretical) (MPa) - High Pressure	21
Max. Concrete Output (theoretical) (m ³ /h) - Low Pressure	120
Max. Concrete Output (theoretical) (m ³ /h) - High Pressure	75
Motor Rated Power (kW/rpm)	300/1900
Delivery Cylinder Bore (mm) × Stroke (mm)	□200 × 2100
Hopper Capacity (m ³) × Feeding Height (mm)	0.7 × 1420
Dimension (L × W × H) (mm)	7380 × 2125 × 2950
Gross Weight (kg)	9500
Max. Aggregate Size (mm)	50
Delivery Pipe (mm)	125
Type	S-Valve
Slump of Concrete (mm)	100-230

TRAILER PUMP

MODEL
HBT12020C-5S



TRUCK MIXER

Our Truck Mixers are engineered to deliver reliable and efficient concrete transport for every construction site. Built on a robust SANY chassis with a powerful Deutz engine and FAST transmission, they ensure smooth operation, superior control, and long service life. Equipped with Rexroth hydraulic pumps and a mixing capacity of up to 12 m³, these mixers provide consistent, high-quality concrete while maximizing productivity and operational efficiency.

CATEGORY	PARAMETER	VALUE
OVERALL PARAMETERS	Rudder direction	Left
	Curb weight (kg)	15,200
	Full load weight (kg)	44,000
	Dimension L×W×H (mm)	10,300 × 2,525 × 3,980
	Wheelbase (mm)	1900 + 2950 + 1350
	Min. ground clearance (mm)	≥ 260
	Min. turning diameter (m)	≤ 24
	Fuel consumption (L/100 km)	≤ 45
	Braking distance (V ₀ = 30 km/h) (m)	≤ 10 (Full load); ≤ 9 (Empty load)
CHASSIS	Engine	Sany Power D12C3-490E
	Displacement (L)	12.12
	Rated power / rev speed (kW/rpm)	360 / 1900
	Max. torque / rev speed (N·m/rpm)	2200 / 1000-1400
	Emission standard	Euro III
	Gearbox	Fast F12JZZ2A AMT
	Front axle	2 × 7.5T
	Middle & rear axle	2 × 16T
	Cab	329 / Sany Cab C829
	Tyre	315/80R22.5
	Brake type	Pneumatic dual-circuit drum brake
	Fuel tank (L)	400

TRUCK MIXER

MODEL SY412/6W SY310/6W

CATEGORY	PARAMETER	VALUE
DRUM PARAMETERS	Mixing capacity (m ³)	12
	Feeding speed (m ³ /min)	≥ 7
	Discharge speed (m ³ /min)	≥ 5
	Discharge residual rate	≤ 0.5%
	Slump scope (mm)	50-210
	Water tank capacity (L)	1000
	Water pressure (MPa)	0.35-0.38
	Reduction gear	TDP57SY
	Oil pump	Sany 90
	Motor	Sany 90



TRUCK MIXER

MODEL
SY412/6W SY310/6W



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