

RELIABILITY IN ACTION



LGMG Group Jinan Heavy Machinery Co., Ltd.

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Under our policy of continuous improvement, we reserve the right to change specifications and designs without prior notice.
Reliability of equipment will be affected by unauthorized modification. LGMG reserves the right of final explanation.

LGMG

AERIAL WORK PLATFORMS



RELIABILITY IN ACTION





GROUP PROFILE

Founded in 1972, Lingong Machinery Group is one of the core manufacturers of construction machinery, one of the top 100 enterprises in machinery industry, and one of the top four groups in construction machinery industry in China. The Group consists of three core companies, including: Shandong Lingong Construction Machinery Co., Ltd. (SDLG), Lingong Group Jinan Heavy Machinery Co., Ltd. (LGMG) and Lingong Special Machinery Co., Ltd. and other 16 affiliated companies. Our business covers five sectors: construction machinery, mining machinery, aerial work platforms, special machinery and component manufacturing.





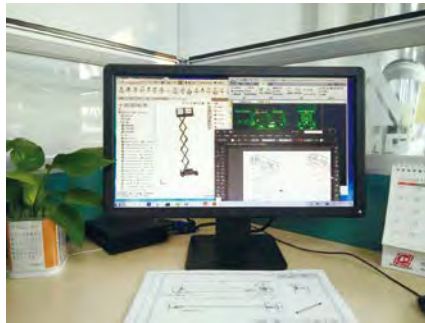
LGMG, located in Jinan, Shandong Province, is a wholly-owned subsidiary of Lingong Machinery Group. The group business segments include aerial work platform, mining equipment, construction equipment, specialty equipment and components.

Relying on 46 years Group construction machinery manufacturing experience, adhering to the "quality, safety, environmental friendly and high efficiency" concept, the LGMG aerial work platform achieves great integration between construction machinery and aerial work platform. In 2017, it won the top 100 construction machinery manufacturers, the top 30 construction machinery manufacturers in China and the top 5 manufacturers of aerial work platforms in China.

We have a full range of scissor lifts, rough terrain scissor lifts, articulated and telescopic boom lifts. Thanks to our great product quality and reliability, LGMG's AWP products have been exported to more than 30 countries, including Norway, Denmark, Spain, Italy, Russia, Singapore, Malaysia, Russia, U.S.A. etc.

With the philosophy of providing complete production solution to customers with more value, insisting on the best service to customers, LGMG will continuously improve operation management and innovation ability to provide safe, efficient, reliable and environmental-friendly products to our global partners and customers.

R&D TEAM

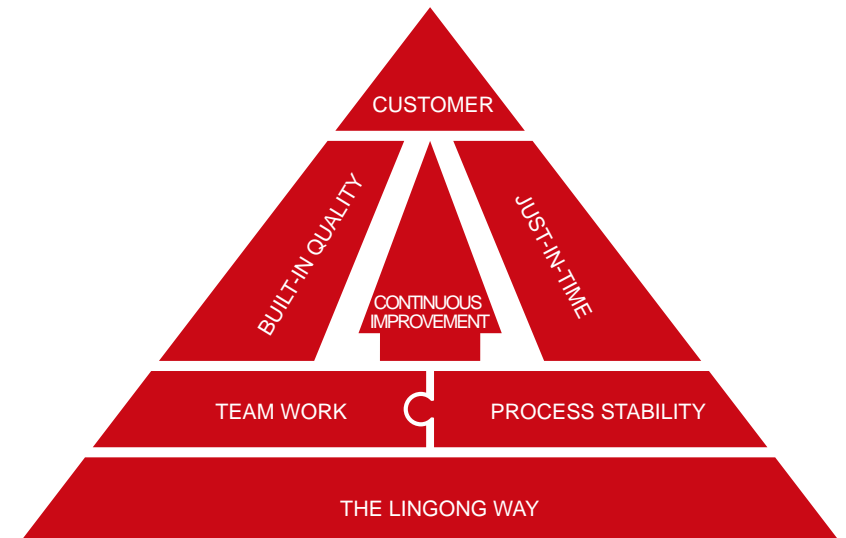


With high-end 3D design software, product data management system and implementation of networked collaborative design, construction machinery product R&D system was realized with integration of 3D design and FEA.

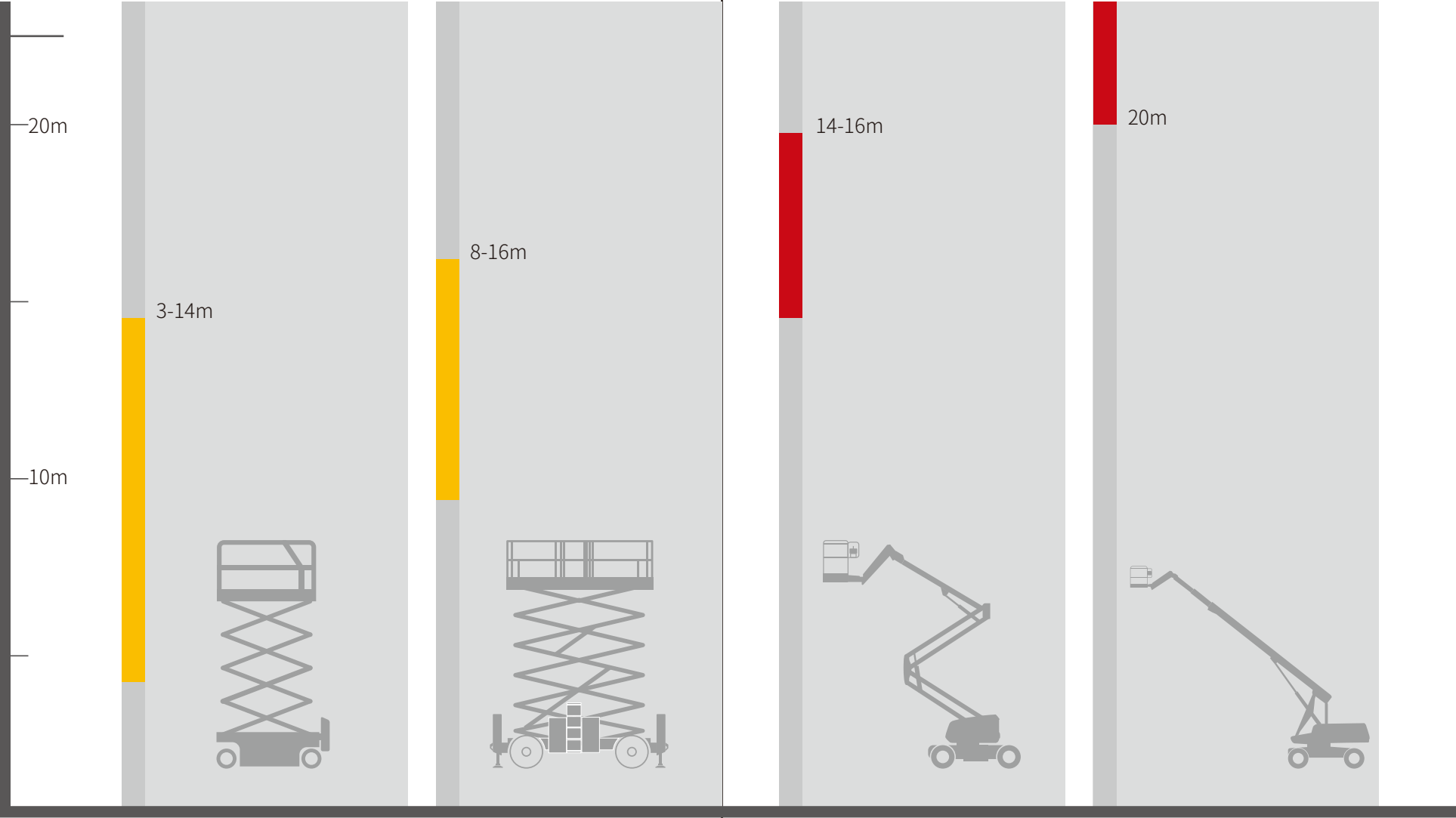


In September 2016, LGMG worked together with Jinan local government to jointly carry out the project of Shandong Construction and Mining Mechanical Innovation Center. 150 million CNY was invested to the project that will provide LGMG and surrounding enterprises with strong guarantee for experiments and testing.

LPS 6 PRINCIPLES



PRODUCT RANGE



SELF-PROPELLED SCISSOR LIFT

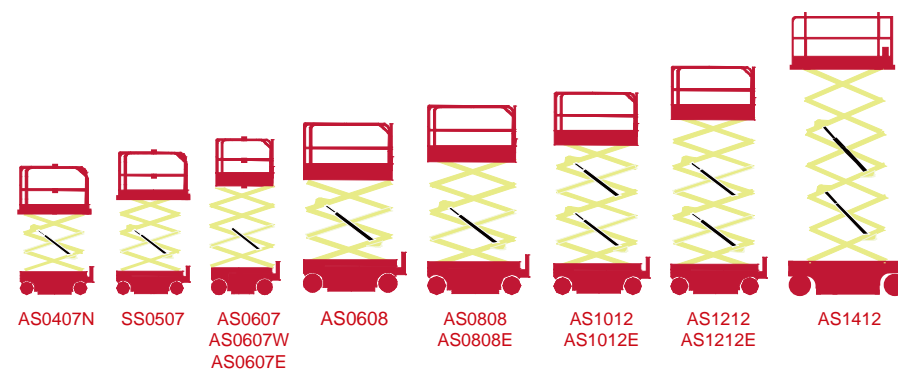
PRODUCT CONFIGURATIONS

Standard configurations

Proportional control
Foldable guardrail
Lanyard point
Emergency stop device
Two-wheel brake
Manual brake release
Emergency descent
Swing-out component tray
Pothole guards
Tilt alarm
Descent alarm
Descent protection
Horn/ Hour meter
Full-height drive
Overload alarm
Charging operation limit
Flashing beacon/Buzzer
4x2 drive
Intelligent diagnostic system

Optional configurations

AC power to platform
Air tube to platform
GPS
Platform anti-collision device
Charging protection system



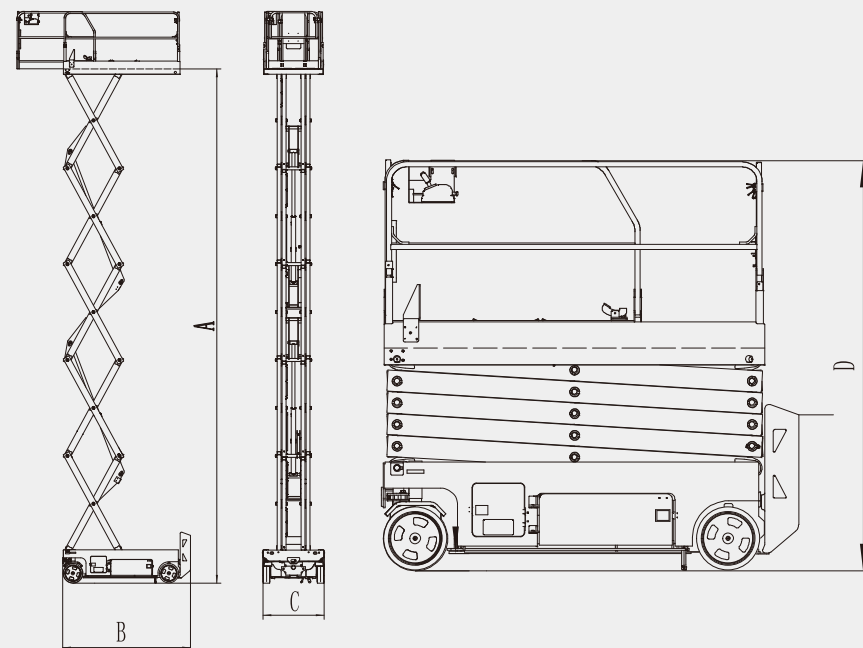
ELECTRIC MOTOR DRIVE



- ⚠ Optimization and match of hydraulic system delivers longer lasting performance
- ⚠ Optimized electronic control system for better brake ability on a long downhill
- ⚠ Improved steering mechanism reduces tire wear during turning
- ⚠ Battery powered with zero emission and environmental-friendly

PRODUCT SPECIFICATION

Model	SS0407	SS0507	AS0607W/E	AS0808E	AS1012E	AS1212E
Lift Capacity	240kg	230kg	230kg	230kg	320kg	320kg
Lift Capacity Extension	113kg	113kg	120kg	113kg	113kg	113kg
Max. Platform Occupants	2	2	2	2	2	2
Max. Working Height(A+2)	5.6m	6.3m	7.8m	10m	12m	14m
Overall Length(B)	1.53m	1.53m	1.86m	2.47m	2.47m	2.47m
Overall Width(C)	0.76m	0.81m	0.81m	0.83m	1.18m	1.18m
Overall Height-Rails Folded(D)	1.65m	1.87m	1.73 m Optional	1.96m	1.8m	1.96m
Platform Extension Length	0.6m	0.6m	0.9m	0.9m	0.9m	0.9m
Driving Speed (stowed/raised)	4km/h	4km/h	4km/h	4km/h	4km/h	4km/h
Up/Down Speed-GB	0.5km/h	0.5km/h	0.8km/h	0.8km/h	0.8km/h	0.8km/h
Up/Down Speed-CE	25/20sec	25/20sec	16/34sec	31/40sec	58/74sec	58/74sec
Gradeability	25%	25%	25%	25%	25%	25%
Max. Slope	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°	2°/3°	1.5°/3°
Machine Weigh	880kg	990kg	1570kg	2180kg	2950kg	3250kg



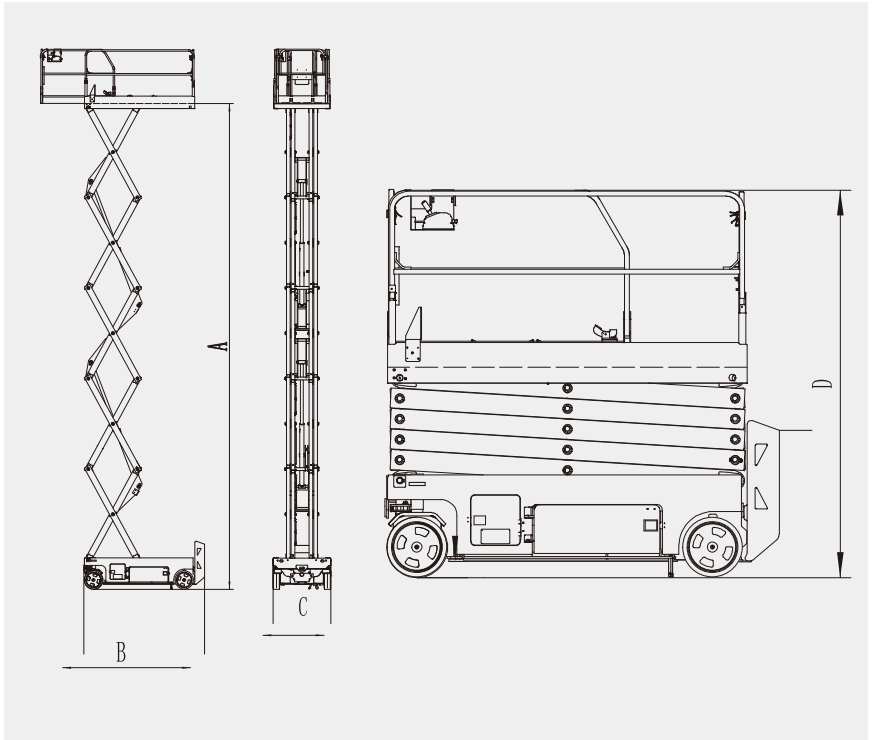
HYDRAULIC MOTOR DRIVE



- ⊘ Most durable and reliable scissor stacks
- ⊘ Reinforced working platform
- ⊘ Advanced charger with voltage protection
- ⊘ Higher driver comfort and security

PRODUCT SPECIFICATION

Model	AS0607	AS0607W	AS0608	AS0808	AS0812	AS1012	AS1212	AS1412
Lift Capacity	230kg	230kg	380kg	230kg	450kg	320kg	320kg	>10m 200kg <10m 320kg
Lift Capacity Extension	120kg	120kg	113kg	113kg	113kg	113kg	113kg	113 kg
Max. Platform Occupants	2	2	2	2	2	2	2	2
Max. Working Height(A+2)	7.8m	7.8m	7.9m	10m	10m	12m	14m	15.8 m
Overall Length(B)	1.83m	1.83m	2.47m	2.47m	2.47m	2.47m	2.47m	2.68m/2.79m
Overall Width(C)	0.76m	0.81m	0.83m	0.83m	1.18m	1.18m	1.18m	1.25m
Overall Height-Rails Folded(D)	/	/	1.84m	1.96m	1.68m	1.8m	1.96m	2.1m
Platform Extension Length	0.9m	0.9m	0.9m	0.9m	0.9m	0.9m	0.9m	0.9m
Driving Speed(stowed/raised)	4km/h	4km/h	3.5km/h	3.5km/h	3.5km/h	3.5km/h	3.1km/h	3.5km/h
Up/Down Speed-GB	0.8km/h	0.8km/h	0.8km/h	0.8km/h	0.8km/h	0.8km/h	0.8km/h	0.8km/h
Up/Down Speed-CE	16/34sec	16/29sec	30/34sec	31/40sec	35/40sec	62/70sec	53/90sec	80/60sec
Gradeability	25%	25%	30%	25%	25%	25%	25%	25%
Max. Slope	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°	2°/3°	1.5°/3°	1.5°/3°
Machine Weigh	1560kg	1570kg	2050kg	2180kg	2691kg	3000kg	3300kg	3300kg





ROUGH TERRAIN SCISSOR LIFT



SR1623

ROUGH TERRAIN SCISSOR LIFT

Powerful four-wheel drive and big platform with high capacity for outdoor requirement

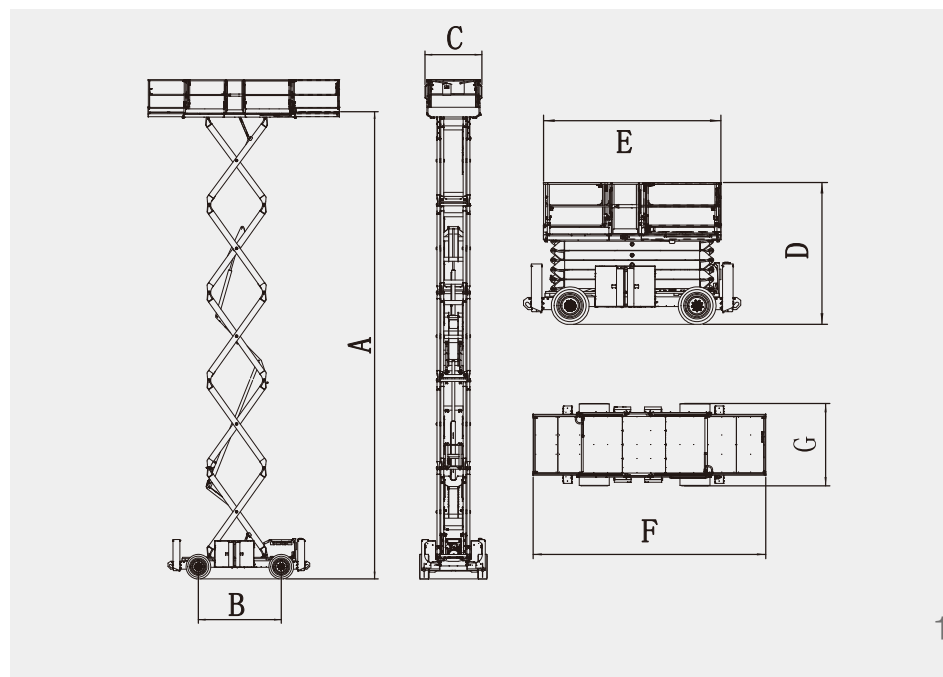
Precise weighing system with pressure sensor and overload alarm function

Closed cycle hydraulic driving system with high efficiency and quick response

Automatic leveling function enables machine to work on the 7° slope

PRODUCT SPECIFICATION

Model	SR0816	SR1016	SR1217	SR1323	SR1623
Max. Working Height	9.8 m	11.6 m	14 m	15 m	18 m
Max. Platform Height (A)	7.9 m	9.8 m	12 m	13 m	16 m
Main Platform Length (E)	2.5 m	2.5 m	2.8 m	3.89 m	3.89 m
Extension Length— single extension	3.73 m	3.73 m	4.3 m	5.34 m	5.34 m
Extension Length – double extension (F)	N/A	N/A	N/A	6.57 m	6.57 m
Platform Height – Stowed	1.25 m	1.4 m	1.65 m	1.8 m	2.02 m
Platform Width (C)	1.4 m	1.4 m	1.6 m	1.83 m	1.83 m
Overall Height – unfolded guardrail (D)	2.35 m	2.5 m	2.74 m	2.93 m	3.18 m
Overall Height –folded guardrail	1.85 m	2.0 m	2.08 m	2.25 m	2.5 m
Overall Width (G)	1.6 m	1.6 m	1.75 m	2.29 m	2.29 m
Wheelbase (B)	2.13 m	2.13 m	2.29 m	2.85 m	2.85 m
Ground clearance— Center	0.24 m	0.24 m	0.24 m	0.36 m	0.36 m
Lift Capacity	450 kg	340 kg	363 kg	680 kg	680 kg
Lift Capacity – Extension	136 kg	136 kg	136 kg	230 kg	230 kg
Gradeability—Stowed	45%	42%	35%	40%	40%
Up/down Speed	31/40 sec	62/74 sec	61/28 sec	45/40 sec	55/65 sec
Drive Mode	4*4	4*4	4*2	4*4	4*4
Machine Weight(with outriggers)	3,450kg	3,650kg	5,000kg Without Outrigger	6,500kg	8,100 kg



ARTICULATING BOOM LIFT

A14J
AR16J





LGMG's articulated boom lifts provide flexible options with electric, engine powered for indoor and outdoor applications. Electric powered machines provide quiet, zero emission operation in the sensitive job sites and engine powered machines offer outstanding performance for travelling over rough surface.

A14J

ARTICULATED BOOM LIFT

Proportional control ensures precise positioning and smooth driving.

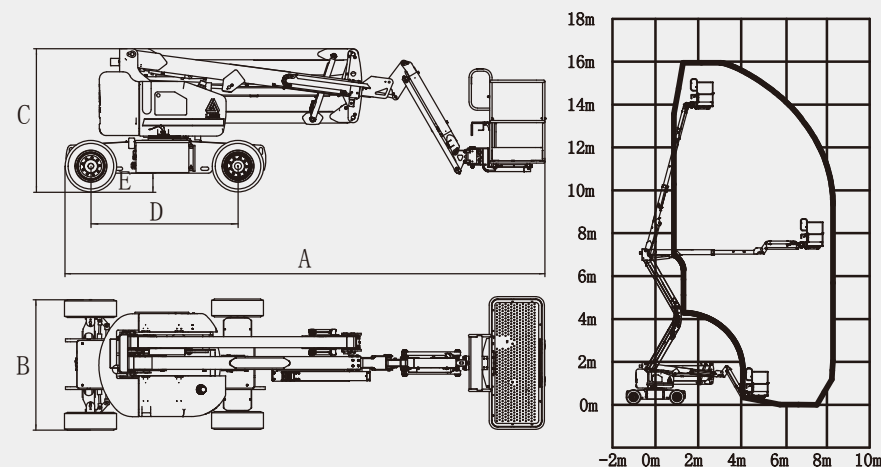
Multi-function allowed at the same time improves the operation flexibility

Compact design with zero tail swing and tight turning radius enables easy access to narrow aisles.

DC electric driving system enables the usage in quiet and zero emission operation areas.

PRODUCT SPECIFICATION

Model	A14J	AR16J
Max. Working Height	16 m	17.7 m
Max. Horizontal Reach	7.81 m	9.39 m
Max. Up and Over Clearance	7.26 m	7.56 m
Platform Dimensions	1.8 x 0.76 m	1.8 x 0.76 m
Length-Stowed (A)	6.63 m	7.56 m
Overall Width (B)	1.8 m	2.31 m
Height-Stowed (C)	1.98 m	2.13 m
Wheelbase (D)	2.03 m	2.04 m
Ground Clearance (E)	0.26 m	0.37 m
Lift Capacity	230 kg	230 kg
Platform Rotation	160°	160°
Driving Speed-Stowed	4.8 km/h	7.2 km/h
Gradeability (2WD)	30%	45%
Turning Radius – Outside	4.1 m	4.62 m
Power	8 x 6V 320Ah	Deutz D2011 L03i
Machine Weight	7,500 kg	7,500 kg



TELESCOPIC BOOM LIFT

T20J



T20J

TELESCOPIC BOOM LIFT

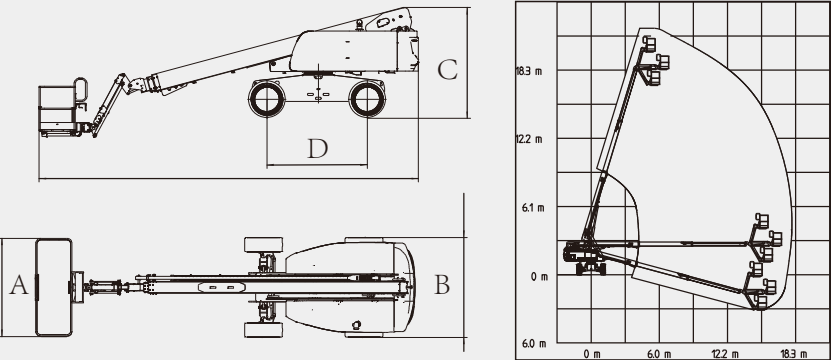
LGMG's telescopic boom lifts are designed for the challenging job sites with performance and reliability. Powerful diesel engine, four-wheel drive and 45% gradeability deliver exceptional rough terrain performance with traction and speed need.

- Design rough for the powerful performance and reliability
- CAN bus communication system with simple wiring increases reliability
- Equipped with pressure sensor ensures precise weighting
- Advance control system provides machine status, diagnosis and online adjustments

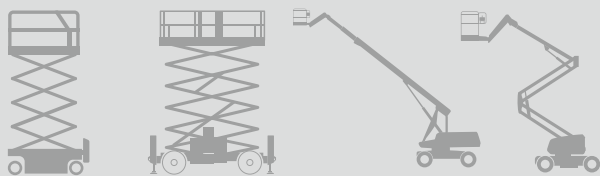


PRODUCT SPECIFICATION

Model	T20J
Max. Working Height	21.8m
Max. Platform Height	19.8m
Max. Horizontal Reach	17.2 m
Below Ground Reach	2.72 m
Platform Dimensions (A)	1.8 x0.76 m
Overall Width (B)	2.5 m
Height-Stowed (C)	2.78 m
Wheelbase (D)	2.51 m
Lift Capacity	230 kg
Platform Rotation	160°
Driving Speed (4-wheel drive)-Stowed	4.8 km/h
Gradeability	45%
Turning Radius – Outside	5.54 m
Power	Deutz D2011 L03i
Machine Weight	11,400 kg



SERVICE



SERVICE



QUICK RESPONSE

Perfect online system, simple service process and efficient service team ensures LGMG solving the problem quickly and providing customers with whole-process assist and butler service.



PROFESSIONAL TRAINING

Specialized training system and comprehensive courses support provides full package of knowledge to the service team and operators from rental companies.



SUFFICIENT PARTS

Fast and accurate parts supply is our basic principle. LGMG central warehouses and sales networks ensure fast delivery to satisfy customer needs.



VALUE-ADDED SERVICE

Continuous innovation and providing differentiated services are our goals, LGMG provides customized service and industry market dynamic analysis report to exceed your expectations.

INDUSTRIES OF APPLICATION

Service industry
Mega project
Agriculture and afforestation
Aerospace
Retail
Entertainment
Workshop maintenance
Municipal administration
Oil and gas
Warehousing and distribution
Pipeline installation
Equipment installation
Steel structure erection
Wall painting
Exterior wall cladding
Aerial work machinery



SALES NETWORK



SAFETY AND STABILITY IN THE LIFT