

XE SERIES

ELECTRIC SELF-PROPELLED SCISSOR LIFT



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Mantall Electric Self-propelled Scissor Lift to provide you with a flexible mobility, operability. It is unique in carrying capacity and a wide platform that can bring more workers and tool set. Whether indoors or outdoors, can be easily used.

Mantall take to provide high-quality, low cost aerial work platforms for customers as their responsibility.



More Quieter

All Mantall XE-series adopt high-performance battery power, pollution-free and no emissions, low noise electric pump, can also be used even in the area of high environmental requirements, such as office buildings, hotel, hospital, school and so on...



Flexible Operation

Fully proportional joystick control, either lifting or moving, all can easily operate in the joystick.

Zero inside turning radius, allowing users to use in a narrow space, and also facilitate changing positions.

XE-series has two kinds of moving speed to secure move quickly and lift safety.

All the XE-series scissor lift have extended platforms, make the operator to close to the work points more easily and breakthrough the space obstacles.



Easy maintenance

Mantall XE-series give full consideration to the convenience of the users in their daily work maintenance. All the Mantall Electric Self-propelled Scissor Lift have fault diagnosis system, make the user can find the point of failure in one time.

Door-open control box and battery box, allows maintenance personnel to close to the maintenance point quickly and easily. Also it is easier to change the spare parts.

The scissor booms repair bracket, so that the user doesn't need the help of lifting equipment, boom system can be easily overhaul.



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Platform Swing Gate

Platform Swing Gate make enter and out space more large, no restrictions to the guardrails.

Standard removable guardrail

Mantall provide you with removable guardrail as option feature, that makes it easier to transport the machine, and to through standard doorways.

Air line to platform

User can option the Air line to platform, to make sure Pneumatic tools and equipment can be used in the platform.

AC Wiring to platform

The AC line and socket to platform to meet the customers demand, to make sure the electric tools can be used in the platform.

Platform work lights

The the professional platform work lights special environment allows construction of the user easier lighting and operating.



Foldable guardrail

The foldable guardrail make the machine can be easily through standard doors when move during working area.

Platform and Platform Components



Key-type lock sliding door

Key-type lock sliding door to protect the misuse by not equipment keeper, particularly suitable for protect the electrical components when the rental company the machines rent out.

Maintenance-free battery

Mantall can provide you with maintenance-free battery, greatly reduced the workload of routine maintenance. And also reduce the losses caused by forgotten maintenance.

The option of control system

Our customers can option the control system according to their own use habits.

Control and Base components



Dual Flashing beacon

Dual yellow flashing beacon can clearly remind the person to take necessary precautions when the machine working in the mixed environment areas.

Motion alarm and Horn

The machine can be equipped with motion alarm and Horn when moving, to remind the around person to take necessary precautions.

Anti-Collision System

The user can option to install the Anti-collision system to assure the person and equipment safe.

Head Protection stop system

When the machine up to the highest position, Mantall head protection stop system can safety keep the person away from collision.

Safe and Alarm device

Mantall self-propelled scissor lift options

Platform	XE-65N	XE-80N	XE-80C	XE-80W	XE-100C	XE-100W	XE-120W	XE-140W	XE-160W
Platform revolving door	O	O	O	O	O	O	O	O	O
Folding platform column	O	O	O	S	S	S	S	S	S
Standard detachable platform column	S	S	S	—	—	—	—	—	—
Air pipe to the platform	O	O	O	O	O	O	O	O	O
Power outlet channel platform	O	O	O	O	O	O	O	O	O
AC cable connected to the platform	S	S	S	S	S	S	S	S	S
Platform working light+	O	O	O	O	O	O	O	O	O
Control and base components	XE-65N	XE-80N	XE-80C	XE-80W	XE-100C	XE-100W	XE-120W	XE-140W	XE-160W
Lockable key switch	S	S	S	S	S	S	S	S	S
Maintenance-free battery	O	O	O	O	O	O	O	O	O
On-board self diagnosis system	S	S	S	S	S	S	S	S	S
Fault code display	S	S	S	S	S	S	S	S	S
Tilt sensor alarm	S	S	S	S	S	S	S	S	S
safety devices against overloading	O	O	O	O	O	O	O	O	O
Safety and warning devices	XE-65N	XE-80N	XE-80C	XE-80W	XE-100C	XE-100W	XE-120W	XE-140W	XE-160W
Flashing warning lights	O	O	O	O	O	O	O	O	O
Travel alarm	S	S	S	S	S	S	S	S	S
Motorcar horn	O	O	O	O	O	O	O	O	O
Collision Avoidance System	O	O	O	O	O	O	O	O	O
Head protection automatic stop system	O	O	O	O	O	O	O	O	O
Electronic horn	S	S	S	S	S	S	S	S	S
Tire	XE-65N	XE-80N	XE-80C	XE-80W	XE-100C	XE-100W	XE-120W	XE-140W	XE-160W
Non-marking solid tires	S	S	S	S	S	S	S	S	S

"S"standard, "O"optional, "—"no

Variety Of Walking Drive Mode:Hydraulic Drive /Electric Drive.



> Electrical drive

Mantall self-propelled electric scissor lift unveils a new series of electrical drive series. It has simple structure, smooth driving, faster speed, lower noise, longer battery life and saving electricity. So it was deeply loved by users who always work outdoor.



> Hydraulic drive

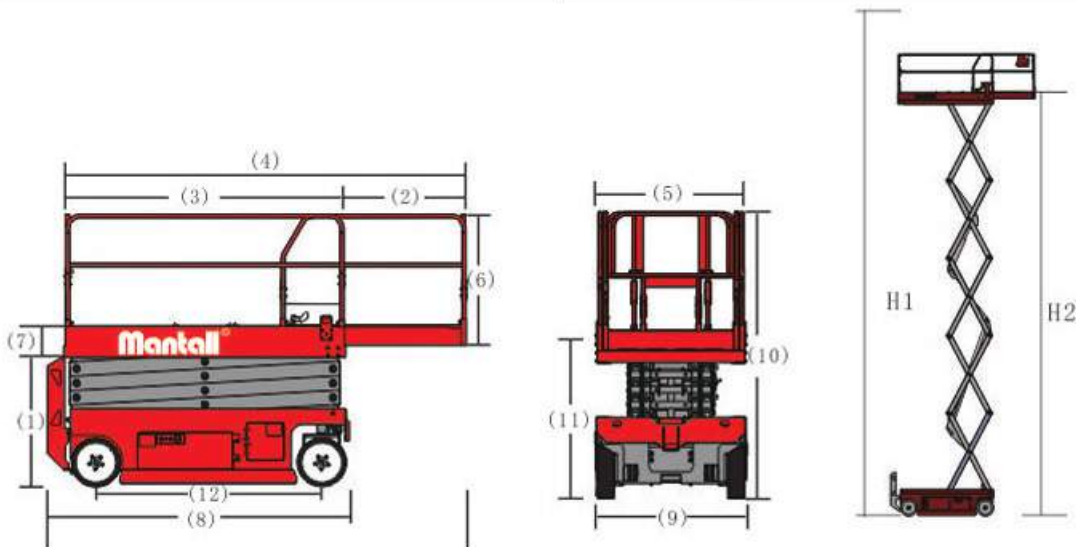
Mantall self-propelled aerial work platforms with hydraulic drive have more comfortable and steady driving feeling, low maintenance costs, easier handling. Its classic traditional design is popular with users.

Mantall provides users with both hydraulic drive and electrical drive walking modes, in order to meet the demands of different customers.

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Models	XE65N	XE80N	XE80C	XE100C
Working height max (m)	6.5	7.8	8	10
Platform height max (m)	4.5	5.8	6	8
(2)Outreach (m)	0.9	0.9	1	1
Lifting capacity (kg)	270	230	350	230
Lifting capacity (kg) (Extended platform)	115	115	120	120
Weight (kg)	ANSI/CSA Standard	1164	1225	1690
	CE/AUS Standard	1235	1490	1830
Platform size(3) × (5) × (6)(L × W × H)m	1.64 × 0.75 × 1.1		2.25 × 0.8 × 1.1	
(4)The length of platform extended (m)	2.54		3.2	
(7)Skirting board height (m)	0.15		0.15	
Stowed size(8) × (9)(L × W)m	1.85 × 0.77		2.42 × 0.8	
(10)Stowed height (m)	1.88fixed platfrom2.03CE	1.98fixed platfrom2.13CE	2.2	2.3
(13)Length of the machine with platform extended (m)	2.75		3.4	
(11)Width of the machine with platform folded (m)	1.69	1.78	1.73	1.86
Hydraulic tank capacity (L)	15		15	
Gradeability	25%		25%	
(12)Wheelbase (m)	1.32		1.85	
Ground clearance (m)	0.06		0.1	
Pothole protection board ground clearance (m) (down)	0.02		0.019	
Inside rotation radius (m)	0		0	
Outside turning radius (m)	1.56		2.12	
Load number max	2		2	
Raised time/Lowering time (s)	16/22	16/23	30/29	34/35
Traction speed (km/h)	3.8		3.4	
Safe speed (km/h)	0.7		0.7	
Vertical tilt°	ANSI CSA	3	3	3
	CE/AUS	2	2	2
Lateral tilt°	ANSI CSA	2	2	2
	CE/AUS	1.5	1.5	1.5
Power source	4 × 6V; 225Ah		4 × 6V; 225Ah	
Tire size (mm)	356 × 114 × 254		356 × 114 × 254	
Drive model	Hydraulic drive /electric drive			



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Models	XE80W	XE100W	XE120W	XE140W	XE160W
Working height max (m)	8	10	12	14	16
Platform height max (m)	6	8	10	12	14
(2)Outreach (m)	1	1	1	1	1
Lifting capacity (kg)	550	450	350	350	230
Lifting capacity (kg) (Extended platform)	120	120	120	120	100
Weight (kg)ANSI/CSA Standard	1855	2040	2450	2690	3280
CE/AUS Standard	1975	2520	2950	3225	3400
Platform size(3) × (5) × (6)(L × W × H)m	2.3 × 1.15 × 1.1				
(4)The length of platform extended (m)	3.3	3.3	3.3	3.3	3.3
(7)Skirting board height (m)	0.172	0.172	0.172	0.172	0.176
Stowed size(8) × (9)(L × W)m	2.42 × 1.2				
(10)Stowed height (m)	2.12	2.25	2.38	2.50	2.64
(13)Length of the machine with platform extended (m)	3.5	3.5	3.5	3.5	3.5
(11)Height of the machine with platform folded (m)	1.56	1.69	1.82	1.95	2.08
Hydraulic tank capacity (L)	15	15	25	25	25
Gradeability	30%	30%	25%	23%	20%
(12)Wheelbase (m)	1.85				
Ground clearance (m)	0.1				
Pothole protection board ground clearance (m) (down)	0.019				
Inside rotation radius (m)	0				
Outside turning radius (m)	2.3				
Load number max	2				
Raised time/Lowering time (s)	32/30	39/31	58/37	72/45	80/58
Traction speed (km/h)	3.4				
Safe speed (km/h)	0.7				
Vertical tilt°	ANSI CSA	3			1.5
	CE/AUS	2			---
Lateral tilt°	ANSI CSA	2			1
	CE/AUS	1.5			---
Power source	4 × 6V; 225Ah				
Tire size (mm)	406 × 127 × 318				
Drive model	Hydraulic drive or electric drive				

