

# XE SERIES ELECTRIC SELF-PROPELLED SCISSOR LIFT



# **XE SERIES**

## **ELECTRIC SELF-PROPELLED SCISSOR LIFT**

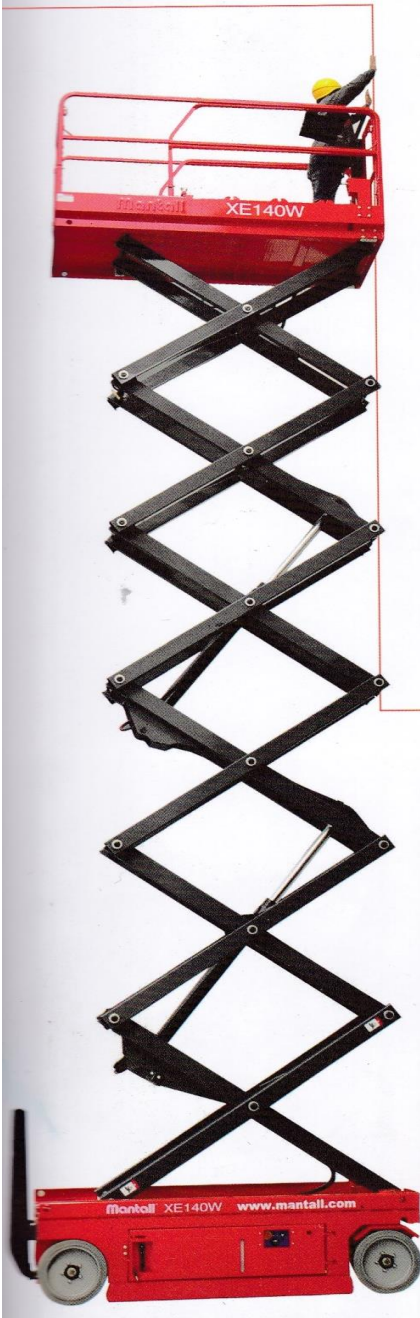
Mantall Electric Self-propelled Scissor Lift to provide you with a flexible mobility, operability. It is unique in carrying capacity and a wide platform that can bring more workers and tool set. Whether indoors or outdoors, can be easily used.

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 safty.

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.

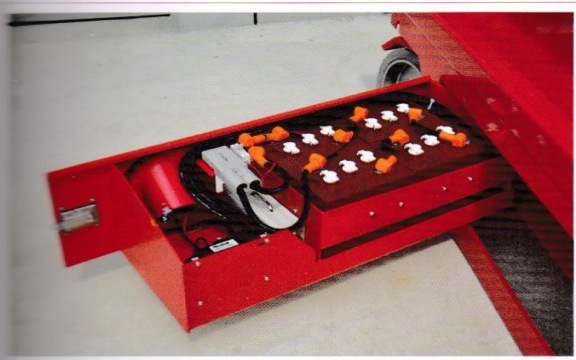


# **XE SERIES**

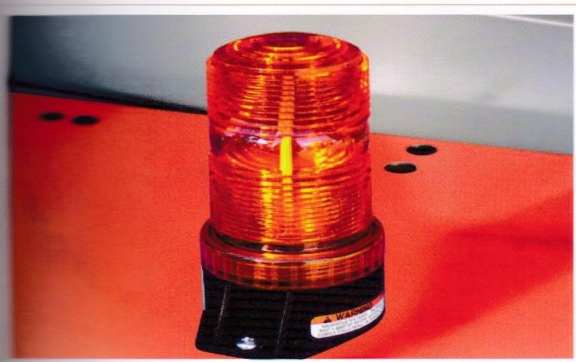
## **ELECTRIC SELF-PROPELLED SCISSOR LIFT**



**Platform and Platform Components**



**Control and Base components**



**Safe and Alarm device**

### **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.

### **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.

### **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.

# XE SERIES

## ELECTRIC SELF-PROPELLED SCISSOR LIFT

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				

