

XE80N

Electric Self-propelled Scissor Lift

Mantall®



XE80N Specifications

Dimension

A Max. Platform Height	5.8m	19ft 0in
B Max. Working Height	7.8m	25ft 7in
C Max. Outreach	0.9m	2ft 11in
D Overall Length	1.83m	6ft 0in
E Overall Width	0.77m	2ft 6in
F Overall Height (guardrails folded)	1.86m	6ft 1in
G Overall Height (guardrails unfolded)	2.18m	7ft 2in
J Wheelbase	1.36m	4ft 6in
Ground Clearance	0.08m	0ft 3in
Pothole protection board ground Clearance	0.02m	0ft 1in
Platform Size(L x W x H)	1.64m*0.75m*1.1m	5ft 5in x 2ft 6in x 3ft 7in
K Length - Platform Extended	2.55m	8ft 4in
M Skirting Board Height	0.15m	0ft 6in

Performance

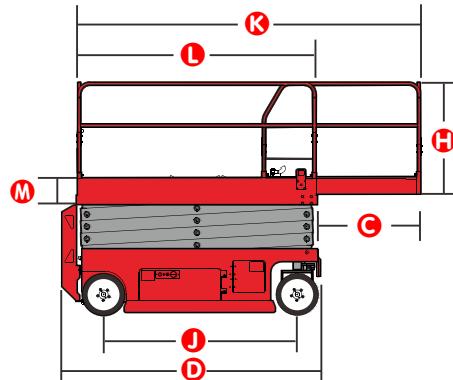
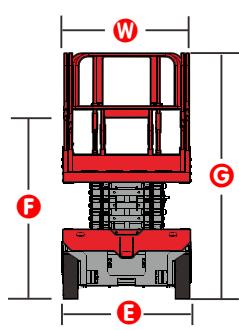
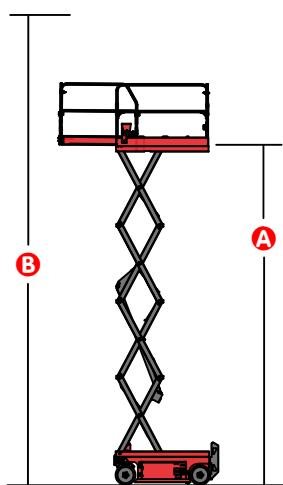
Lifting Capacity	230kg	507 lb
Lifting Capacity (extended platform)	115kg	254 lb
Max. Load number (indoor)	2 pers	2 pers
Drive Speed (Stowed)	3.8km/h	2.4mph
Drive Speed (Raised)	0.7km/h	0.4mph
Rising Time (empty load)	14s	14s
Lowering Time(empty load)	11s	11s
Gradeability (2WD)	0.25	0.3
Tilt Sensor - Front to Back/ Side to Side	3°/1.5°	3°/1.5°
Turing Radius (inside/ outside)	0.8m/1.56m	3ft/5ft 2in
Max. Lateral Force (indoor)	400N	90 lbf
Max. Wind Speed	0	0
Tire Specification/ Type	323mm×100mm/solid tire	12.7in x 3.9in/solid tire

Power

Drive Model	Hydraulic/ Electric Drive, 2WD×2WS	Hydraulic/ Electric Drive, 2WD×2WS
Power Unit Motor (voltage/power)	24V/3.3kW	24V/3.3kW
Hydraulic Tank Capacity	8L	2.1 gal
Hydraulic system pressure	21Mpa	21Mpa
Battery specifications (lead-acid/lithium)	235Ah	235Ah
System Voltage	24V	24V
Control Voltage	24V	24V
Charger (Input Voltage/Output Current)	90-264V/36A	90-264V/36A

Weight

Weight	1420kg	3127 lb
Standard	GB/CE	GB/CE



XE80N Advantages and Features

Product Highlights

- ✓ Flexible operation and handling
- ✓ Ultra stable design greatly improves safety factor
- ✓ Featuring compact body, and wide operating area
- ✓ Standard forklift hole, high efficiency for equipment transportation
- ✓ Folding guardrail for convenient transportation

Reduce maintenance costs

- ✓ High universality of components and no pressure on spare parts
- ✓ Double door design, convenient maintenance
- ✓ Faults diagnosis system, displaying fault information for rapid troubleshooting

More reliable performance

- ✓ Multiple protection for lifting circuit, safe and reliable
- ✓ Anti collision strip protection, more effective in preventing scratches and collisions
- ✓ Automatic pothole protection and tilt protection to ensure safe operation

Standard Features

• Manual emergency lower system	• 2 x 2 drive
• Platform swing gate	• Anti collision strip
• Extended platform	• Emergency lowering system
• Foldable platform	• Tilt alarm
• Manual brake release	• Manual box
• Non-marking tires	• Emergency stop button
• AC power to platform	• Drivable at full height
• Buzzer	• Automatic pothole protection
• Hour meter	• Flash light
• Safety support bar	• Control proportional
• charging indicator	• Automatic brake system
• Diagnosis system	• Forklift and lifting holes
• Maintenance free battery	• Dual flashing beacon

Options Features

• Air line to platform	• GPS
• Power socket to platform	• Lithium battery
• Platform work light	• Top stop sensor
• Overload sensor	• Electrophoretic coating process