

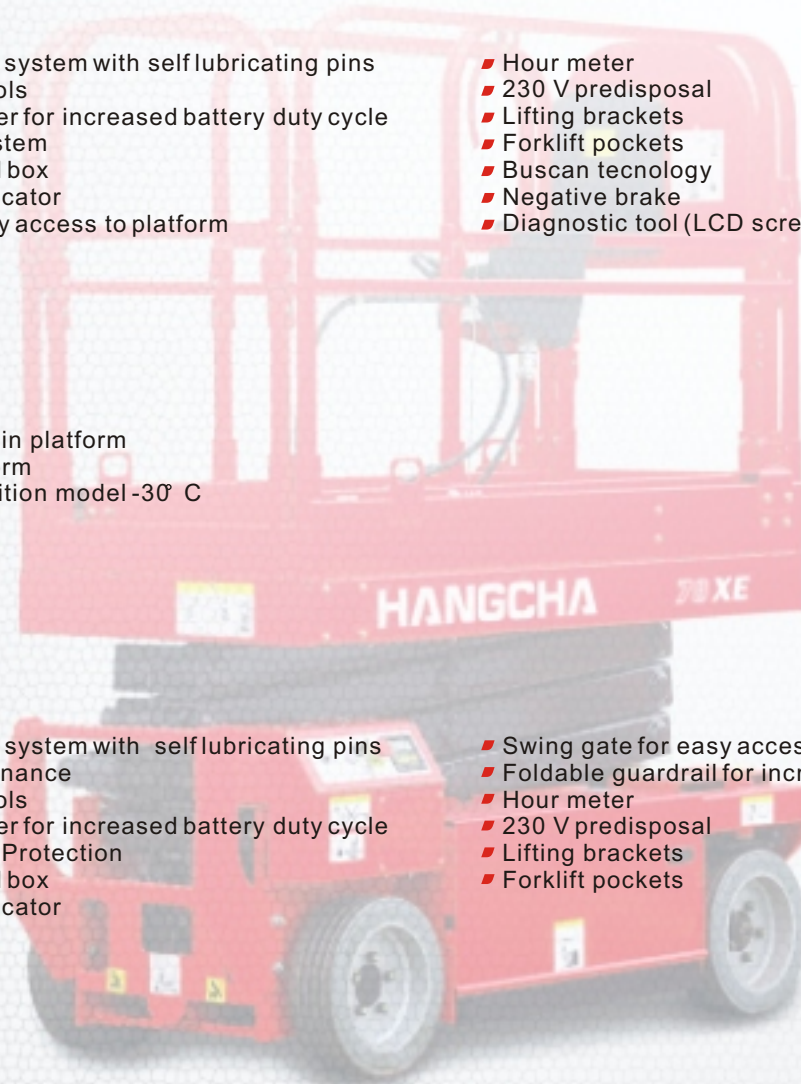
## 78 / 81 XE

### Standard

- Single beam lifting system with self lubricating pins
- Proportional controls
- Electronic controller for increased battery duty cycle
- Pot-hole safety system
- Removable control box
- Battery charge indicator
- Swing gate for easy access to platform
- Hour meter
- 230 V predisposal
- Lifting brackets
- Forklift pockets
- Buscan tecnology
- Negative brake
- Diagnostic tool (LCD screen)

### Options

- Translation alarm
- All motion alarm
- Working lights
- Flashing beacon
- 230 V electric plug in platform
- Airline to the platform
- Extreme cold condition model -30° C



## 100 / 120 XEL

### Standard

- Single beam lifting system with self lubricating pins for reduced maintenance
- Proportional controls
- Electronic controller for increased battery duty cycle
- Automatic Pothole Protection
- Removable control box
- Battery charge indicator
- Swing gate for easy access to platform
- Foldable guardrail for increased accessibility
- Hour meter
- 230 V predisposal
- Lifting brackets
- Forklift pockets

### Options

- All motion alarm
- Working light
- 230 V electric plug
- Airline to the platform
- Flashing beacon



ISO14001:2004



ISO9001:2000

 ZHEJIANG HANGCHA IMP. & EXP. CO., LTD  
浙江杭叉进出口有限公司

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# PLATFORM

## 78 / 81 XE Narrow and spacious



## 100 / 120 XEL Maximum work space



**HANGCHA**

ZHEJIANG HANGCHA ENGINEERING MACHINERY CO.,LTD.  
(ZHEJIANG HANGCHA IMP. & EXP. CO.,LTD.)

[www.hcforklift.com](http://www.hcforklift.com)

Add: 398 Shi Qiao Road, Hangzhou Zhejiang province, China (310022)  
Factory site: No. 88, Donghuan Rd., Economic Development Zone Lin'an, Zhejiang, China (311305)  
Tel: +86-571-88135110 88126376 88135220 88125527  
Fax: +86-571-88132890 88126379  
E-mail: sales@hcforklift.com

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The 78 XE and 81 XE are compact electric scissor lifts that allow you to reach working heights of 7.80 m and 8.10 m. Their safe working loads are 230 kg and 340 kg respectively.

Their narrow width means restricted work areas are no longer a problem.

78 XE and 81 XE are perfect machines for doing jobs like maintenance, stock-taking in complete safety. These platforms will help you to increase your productivity.

The 100XEL/120XEL are working platforms that allow you to reach working heights of 10m to 12m. Their safe working loads are 450KG and 320KG respectively.

100XEL / 120XEL are perfect machines for doing jobs in maximum work space. These platforms will help you to increase your productivity with efficient lift and lower speed.

### Easy to use

- Very hard-wearing and easy to use control box.
- Electro-proportional movement for smoother and more precise operation.
- Movement selected by push buttons.



### Manoeuvrability

- Its small profile and short turning radius make the XE and XEL extremely manoeuvrable.
- The wheel motors located within the chassis to give better protection.



- A LCD display guides you through maintenance operations (hour meter, battery charge indicator).



### Single scissor system

The XE and XEL are provided with a single scissor system :

- Reinforced arms.
- Large diameter pins prevent any play occurring while in use.
- Self-lubricating rings and pivots (maintenance free).



### Safety

Pot-hole protection system automatically activated when the platform is raised.



### Convenient

Maintenance made easier by quick access to the battery.

Model		78 XE	81 XE	100 XEL	120 XEL
Safe working load	Kg	230 including 2 people	340 including 2 people	450 including 3 people	320 including 3 people
On extension	Kg	110 including 1 person	120 including 1 person	140 including 1 person	140 including 1 person
Internal use		wind 0	wind 0		
Outside use wind up to 45 km/h	Kg			120 including 1 person	120 including 1 person
Working height	m	7.8	8.10	10	12
Platform Height	m	5.76	6.10	8.20	10.20
Overall length	m	1.89	2.47	2.80	2.80
Overall width	m	0.81	0.81	1.20	1.20
Overall height	m	2.11	2.14	2.41	2.55
Height with rails folded	m	1.76	1.92	1.67	1.81
Platform size	m	1.67 x 0.78	2.30 x 0.80	2.70 x 1.20	2.70 x 1.20
Platform extension size	m	0.90	1	1.20	1.20
Ground clearance	cm	7.60	9.5	12	12
Turning radius Inside / Outside	m	0.05 / 1.70	0.092 / 2.1	0.05 / 2.75	0.05 / 2.75
Travel speed	Km/h	0 ~ 3.3	0 ~ 4.0	0 ~ 3.0	0 ~ 3.0
Lift / lower speed	s	15±2 / 21±4	19±2 / 35±2	41±2 / 44±7	56±3 / 44±7
Batteries		24 V/180 Ah (C5)	24 V/180 Ah (C5)	24 V/280 Ah (C5)	24 V/280 Ah (C5)
Integrated charger		24 V/25 A	24 V/25 A	24 V/30 Ah	24 V/30 Ah
Gradeability		25%	25%	25%	25%
Maximum slope		2°	2°	2°	2°
Tyres (Solid non-marking) 2 wheel drive - 2 wheel steer		14 x 4.5	16 x 5 x 11.25	16x11.25	16x11.25
Weight	Kg	1380±30	1700±30	2500±30	2840±30