

ZOOMLION SCISSOR LIFTS

HD SERIES

Comply with CE Standard



HIGHLIGHTS

Cost Effectiveness

- ▶ Optimized design increases 20% more duty cycles with longer runtime
- ▶ Precision control for stable operation
- ▶ Large ground clearance (Pothole Protection retracted), great trafficability

Easy Maintenance & Service

- ▶ Common components and modular design, easy to maintenance
- ▶ Bilateral swing-out trays (battery & hydraulic), simple to service
- ▶ Robust & build to last, reliable and safe



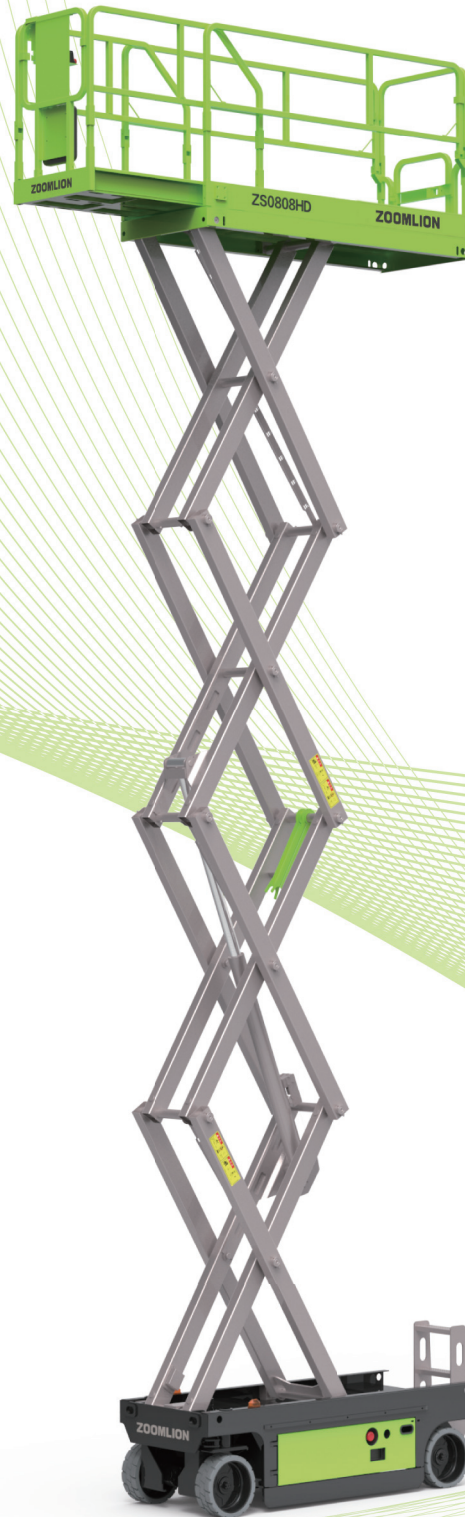
FEATURES

Standard Features

| | |
|----------------------------------|---------------------------------|
| Proportional controls | Drivable at full height |
| All motion alarm | Scissor maintenance prop |
| Fold-down handrails | Charging protection system |
| Flashing beacon | Extension deck (unidirectional) |
| Self-closing entry gate | Autobrake system |
| Emergency descent system | On-board diagnostic |
| Active pothole protection system | Emergency stop button |
| Hour meter | Over tilt protective system |
| Forklift pockets | AC power to platform |
| Horn | Load sensing system |
| Maintenance-free battery | |

Accessories & Options

- ▶ Air line to platform
- ▶ Platform work lights
- ▶ Overhead protection bar
- ▶ Low-temperature hydraulic oil
- ▶ Synthetic biodegradable hydraulic oil



ACCESS WITH ZOOMLION GREEN

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MAIN SPECS OF SCISSOR LIFTS HD SERIES

Comply with CE Standard

| Model | ZS0607HD | | ZS0808HD | | ZS0812HD | | ZS1012HD | | ZS1212HD | | ZS1414HD | |
|---------------------------------------|----------------------|------------------|----------------------|------------------|-------------------------|------------------|-------------------------|------------------|----------------------|------------------|----------------------|------------------|
| | Imperial | Metric | Imperial | Metric | Imperial | Metric | Imperial | Metric | Imperial | Metric | Imperial | Metric |
| Size | | | | | | | | | | | | |
| Work Height | 25ft 7in | 7.8m | 32ft 10in | 10.00m | 32ft 10in | 10.00m | 38ft 9in | 11.80m | 45ft 3in | 13.80m | 51ft 6in | 15.7m |
| A-Platform Height-Elevated | 19ft | 5.8m | 26ft 3in | 8.00m | 26ft 3in | 8.00m | 32ft 2in | 9.80m | 38ft 9in | 11.80m | 44ft 11in | 13.7m |
| B-Platform Height-Stowed | 3ft 5in | 1.05m | 4ft 2in | 1.26m | 4ft 2in | 1.26m | 4ft 7in | 1.39m | 4ft 12in | 1.52m | 5ft 1in | 1.54m |
| C-Platform Length | 5ft 5in | 1.65m | 7ft 7in | 2.30m | 7ft 7in | 2.30m | 7ft 7in | 2.30m | 7ft 7in | 2.30m | 8ft 9in | 2.67m |
| D-Platform Width | 2ft 5in | 0.74m | 2ft 8in | 0.81m | 3ft 8in | 1.12m | 3ft 8in | 1.12m | 3ft 8in | 1.12m | 3ft 8in | 1.12m |
| Platform Extension | 3ft | 0.91m | 3ft | 0.91m | 3ft | 0.91m | 3ft | 0.91m | 3ft | 0.91m | 3ft | 0.91m |
| E-Overall Height (Rails Up) | 7ft 3in | 2.20m | 7ft 11in | 2.4m | 7ft 11in | 2.4m | 8ft 4in | 2.53m | 8ft 9in | 2.66m | 8ft 10in | 2.68m |
| Overall Height (Rails Down) | 5ft 10in | 1.79m | 6ft 3in | 1.9m | 6ft 2in | 1.87m | 6ft 7in | 2m | 6ft 12in | 2.13m | 7ft 1in | 2.15m |
| F-Overall Length | 6ft 1in | 1.85m | 8ft 2in | 2.49m | 8ft 2in | 2.49m | 8ft 2in | 2.49m | 8ft 2in | 2.49m | 9ft 5in | 2.87m |
| G-Overall Width | 2ft 6in | 0.76m | 2ft 8in | 0.81m | 3ft 9in | 1.15m | 3ft 9in | 1.15m | 3ft 9in | 1.15m | 4ft 7in | 1.4m |
| H-Wheelbase | 4ft 6in | 1.37m | 6ft 1in | 1.85m | 6ft 1in | 1.85m | 6ft 1in | 1.85m | 6ft 1in | 1.85m | 7ft 3in | 2.22m |
| I-Ground Clearance (Stowed) | 2.4in | 0.06m | 4.5in | 0.11m | 4.5in | 0.11m | 4.5in | 0.11m | 4.5in | 0.11m | 4.5in | 0.11m |
| J-Ground Clearance (Raised) | 0.65in | 0.016m | 0.75in | 0.02m | 0.75in | 0.02m | 0.75in | 0.02m | 0.75in | 0.02m | 0.75in | 0.02m |
| Performance | | | | | | | | | | | | |
| Platform Capacity | 510lb | 230kg | 510lb | 230kg | 990lb | 450kg | 770lb | 350kg | 770lb | 350kg | 570lb | 260kg |
| Capacity on Deck Extension | 250lb | 113kg | 250lb | 113kg | 250lb | 113kg | 250lb | 113kg | 250lb | 113kg | 250lb | 113kg |
| Max. Number of Workers | 2 | | 2 | | Indoor: 3 Outdoor: 2 | | Indoor: 2 Outdoor: 1 | | 3 | | 2 | |
| Drive Speed (Stowed) | 2.2mph | 3.5km/h | 2.2mph | 3.5km/h | 2.2mph | 3.5km/h | 2.2mph | 3.5km/h | 2.2mph | 3.5km/h | 2.2mph | 3.5km/h |
| Drive Speed (Raised) | 0.5mph | 0.8km/h | 0.5mph | 0.8km/h | 0.5mph | 0.8km/h | 0.5mph | 0.8km/h | 0.5mph | 0.8km/h | 0.5mph | 0.8km/h |
| Turning Radius (Inside) | 4in | 0.1m | 4in | 0.1m | 4in | 0.1m | 4in | 0.1m | 4in | 0.1m | 4in | 0.1m |
| Turning Radius (Outside) | 5ft3in | 1.6m | 6ft11in | 2.1m | 7ft3in | 2.2m | 7ft3in | 2.2m | 7ft3in | 2.2m | 8ft6in | 2.6m |
| Up/Down Drive Motor | 24V/3.3KW | | 24V/3.3KW | | 24V/4.5KW | | 24V/4.5KW | | 24V/4.5KW | | 24V/4.5KW | |
| Up/Down Time | 20s/24s | | 31s/40s | | 31s/40s | | 60s/35s | | 62s/42s | | 88/60s | |
| Gradeability | 25%(14°) | | 25%(14°) | | 25%(14°) | | 25%(14°) | | 25%(14°) | | 25%(14°) | |
| Max. Working Slope (Lateral/Vertical) | 1.5°/3° | | 1.5°/3° | | 1.5°/3° | | 1.5°/3° | | 1.5°/3° | | 1.5°/3° | |
| Control | Proportional Control | | Proportional Control | | Proportional Control | | Proportional Control | | Proportional Control | | Proportional Control | |
| Drive | Front Wheels | | Front Wheels | | Front Wheels | | Front Wheels | | Front Wheels | | Front Wheels | |
| Brake | Rear Wheels | | Rear Wheels | | Rear Wheels | | Rear Wheels | | Rear Wheels | | Rear Wheels | |
| Tire | Ø12in x4.5in | Ø305mm x114mm | Ø15in x5in | Ø381mm x127mm | Ø15in x5in | Ø381mm x127mm | Ø15in x5in | Ø381mm x127mm | Ø15in x5in | Ø381mm x127mm | Ø15in x5in | Ø381mm x127mm |
| Power | | | | | | | | | | | | |
| Battery | 4x6V/210Ah(C20) | | 4x6V/225Ah(C20) | | 4x6V/240Ah(C20) | | 4x6V/240Ah(C20) | | 4x12V/300Ah(C20) | | 4x12V/300Ah(C20) | |
| Charger | 24V/30A | | 24V/30A | | 24V/30A | | 24V/30A | | 24V/30A | | 24V/30A | |
| Weight | | | | | | | | | | | | |
| Gross | 3140lb | 1425kg | 4540lb | 2060kg | 5780lb | 2620kg | 6395lb | 2900kg | 6550lb | 2970kg | 7230lb | 3280kg |

