

Our Unmatched Results ///

World Rank in MEWP Manufacturer*

3rd Rank

Market Share*

40% +

Countries Exported*

80+

Equipments Sold in India*

600+ Units

Happy Customers*

250+

Patents*

300+

SAARC Team Size*

50+ Service Engineers

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JANUARY 2022 edition

*Provided Data is calculated at set time

Dingli Oil Free & All Electric Product Manuals

 Oil-free  Electric



DINGLI®
Exceed · New Height

Scaling heights with precision & innovation.



Established in 2005, Dingli is one of the top 3 global industry leader with presence in 80 countries and regions including USA, Germany, and Japan.

The 4 factories of Dingli are built with the highest levels of automation, and focus on digital design, intelligent production & management, and collaborative eco-friendly manufacturing.

Dingli has dedicated R&D centers in the USA, Germany, and Italy, that focuses on innovation and enhanced productivity, technological innovation as the core tenet.

Dingli has independently developed more than 200 types of aerial work platforms that are widely applied in construction, commercial, and industrial fields in India and beyond.

Owning about 45% market share in India, Dingli has a dynamic team of professionals who are dedicated towards delivering excellence, and a strong network of dealers who play a vital role in ensuring that Dingli stays closer to its customer base.

Dingli's global presence focuses on delivering value backed by expertise and commitment. The transparent processes, superior quality, and 24/7 customer support has made Dingli a reliable industry leader in India.

Invested in a sustainable future, Dingli has adopted the core concepts of "carbon peak" and "carbon neutral" into its corporate governance process. This includes eco-friendly park construction, manufacturing, R&D, recycling & re-manufacturing, and green travel for employees.

In line with the trend of electrification, green energy, and intelligent innovations, Dingli has a comprehensive range of electric powered products.

Dingli will continue to deepen its R&D, production, and intelligent manufacturing process. Dingli is focused on implementing the new era of electrification of 'non-road mobile machinery' to lead a green transformation and provide long term energy saving solutions to our customers.

/// Dingli's Unique Strengths.

Owens 300+ patents for excellence in technological inventions

Has a current population of 600+ units to serve the customers in India

First in the industry to complete the electrification of a full range of products

Sole manufacturer of large load and modular electric boom lifts

/// Our Certifications

Country specific standards

Europe - CE(TUV), USA - ANSI, Australia - AS/NZ1418, Russia - CU-TR, Japan - JIS, Korea - KC

International standards

ISO 9001, ISO 14001, OHSAS18001

/// Awards & Accolades

IPAF's Annual Pioneer of Aerial Work Platforms

Access M20 Global Top 3 Manufacturers of Aerial Work Platforms

British KHL group's Top 50 Global Construction Machinery Manufacturers

/// Global Outreach

Dingli has established 10 overseas branches to facilitate a global sales network and has successfully invested in

1. **MAGNI**, a world renown telescopic handler enterprise in Ital
2. **MEC**, USA
3. **TEUPEN**, a global leader in spider aerial work platforms, Germany.

Scissor & Vertical Lifts

World's First Oil Free & All Electric AWP Series

Dingli's revolutionary oil free aerial work platforms use electric actuators in place of hydraulic cylinders for lifting, lowering, and steering. Designed for smoother, quieter, and sustainable operations, Dingli's Oil free range eliminates the chances of leaks, while ensuring reduced power consumption and simplified maintenance.

/// Why Dingli Oil Free Lifts.

- | | | | |
|--|---|--|---|
| 1
Zero emission environmentally friendly | 2
Saves more than 30% of energy | 3
Elevated running time from a single charge | 4
Eliminates the risk of oil leaks & spills |
| 5
Low maintenance and reduced downtime | 6
Less incidence of mechanical issues | 7
No risk of soil or groundwater contamination hazards | 8
Lowest cost of ownership |

/// From Hydraulics to Electrics: Dingli's Silent Sustainability



- Proportional joystick controls
- Self gravity lowering system
- One-way platform extension deck
- Drivable at full height
- Automatic braking system
- Two way driving & steering
- Stack sinking design
- Compact and stable
- Easy entry elevator
- Maintenance free permanent magnet synchronous motor and AGM battery
- Reinforced with electric linear actuators
- Emergency descent system & Tilt alarms
- Built-in position sensors
- Real time data monitoring system
- Enhanced temperature, load, and variable torque controls

Scissor & Vertical Lifts
Oil Free & All Electric AWP Series



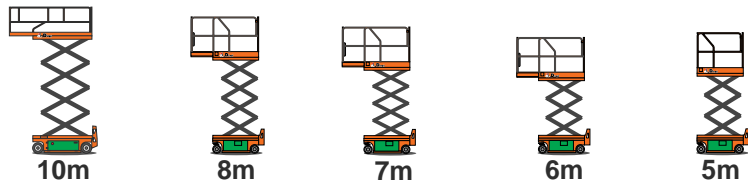
- PROPORTIONAL JOY-STICK CONTROLS**

Dingli's joystick uses proportional drive controls to determine the movement of the device. The driving functions and directions are dependent upon the amount of pressure or force applied to the control. This facilitates better maneuvering control. Electronic joysticks create analogue electrical outputs to control and operate the lift.
- COMPACT & STABLE**

Equipped with a self-gravity lowering system and built-in position sensors, Dingli's oil free range is sturdy and compact.
- PERFECT FOR INDOOR APPLICATIONS**

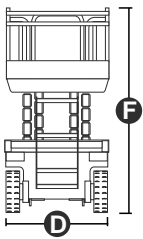
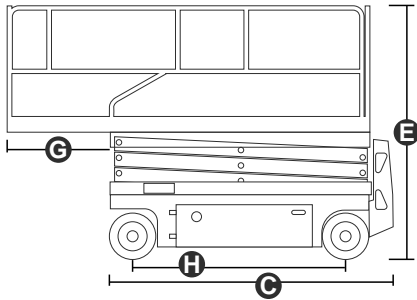
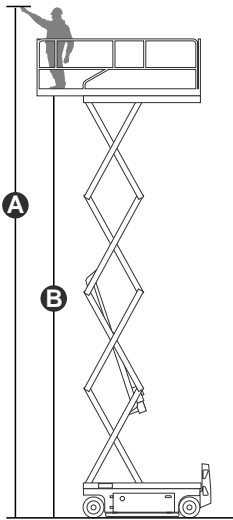
Ensuring safe eco-friendly elevations at maintenance-free ease, Dingli's revolutionary oil-free lift is perfect for indoor applications as there are no oil spills or harmful emissions.
- TWO WAY DRIVING & STEERING**

Two-wheel drive vehicles enhance operational efficiency by using less energy to power the wheels. The two-way steering ensures the rear wheels follow the path of the front wheels. This facilitates a seamless movement.

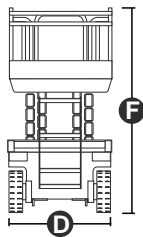
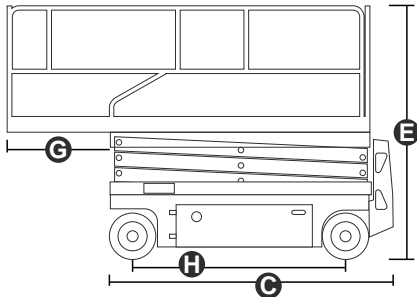
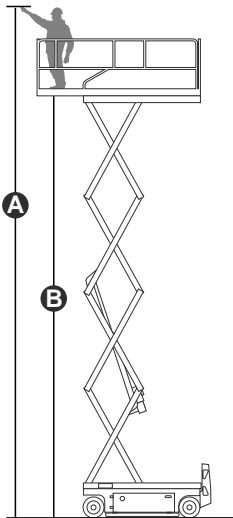
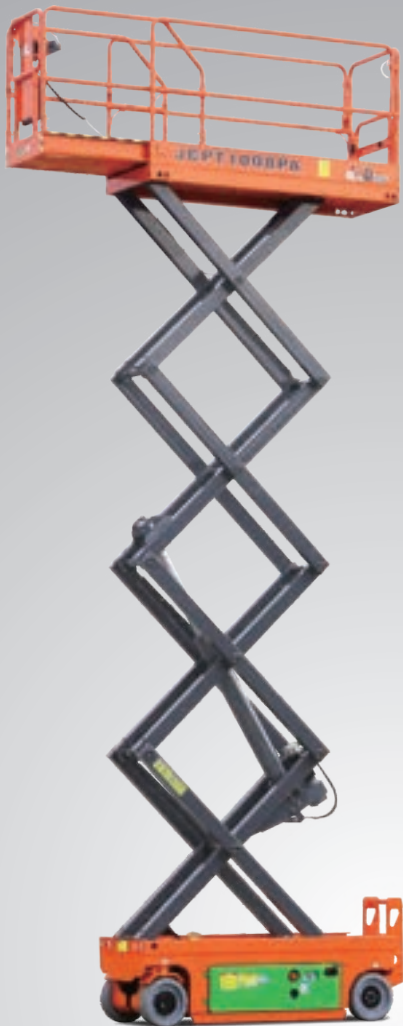


JCPT1012PA	JCPT0808PA	JCPT0708PA	JCPT0607PA	JCPT0507PA
JCPT1008PA	JCPT0807PA	JCPT0708PAH	JCPT0607PAH	OPT0507
AMWP8-8100L		AMWP7-8100L		
		AMWP7-8100		

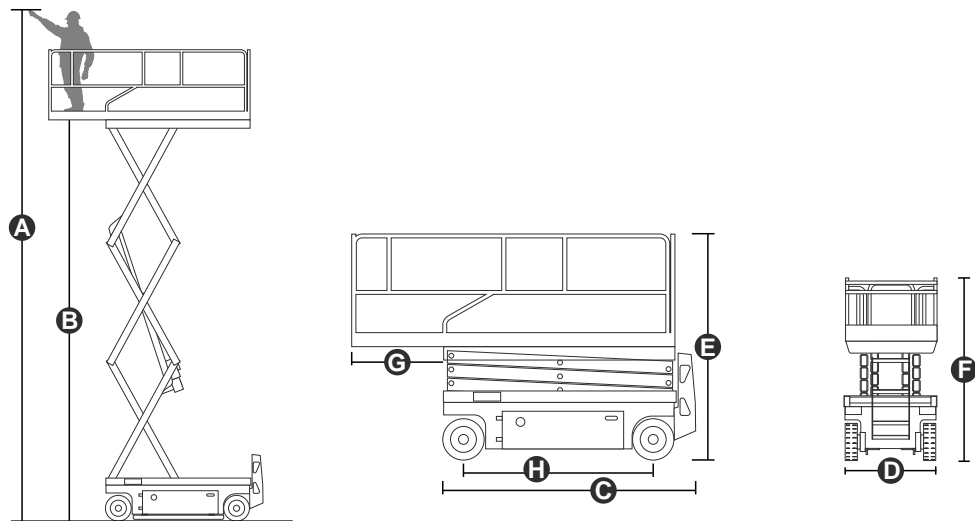
- Applications**
- Construction
 - Cleaning & Maintenance
 - Oil & Gas
 - Mining
 - Refineries
 - Inspection
 - Installations
 - Power Industries
 - Hospitality
 - Entertainment Industry



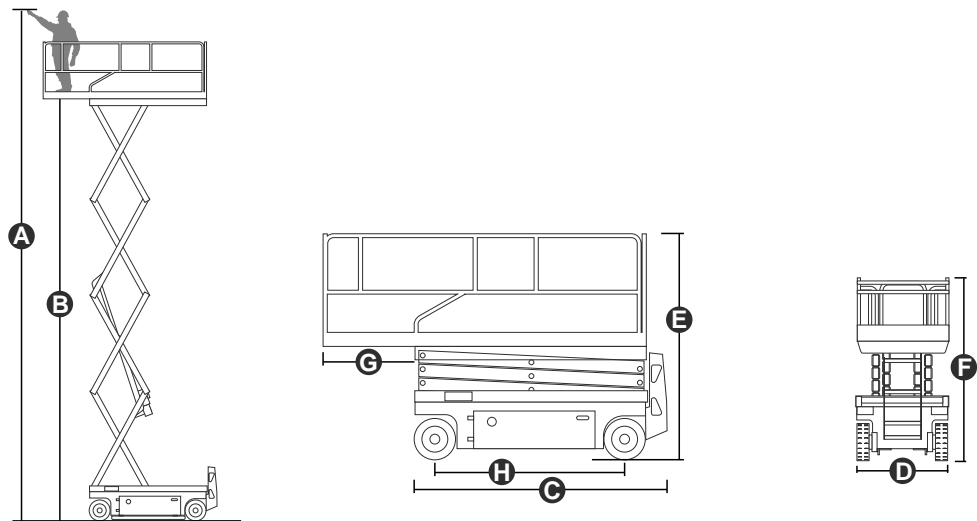
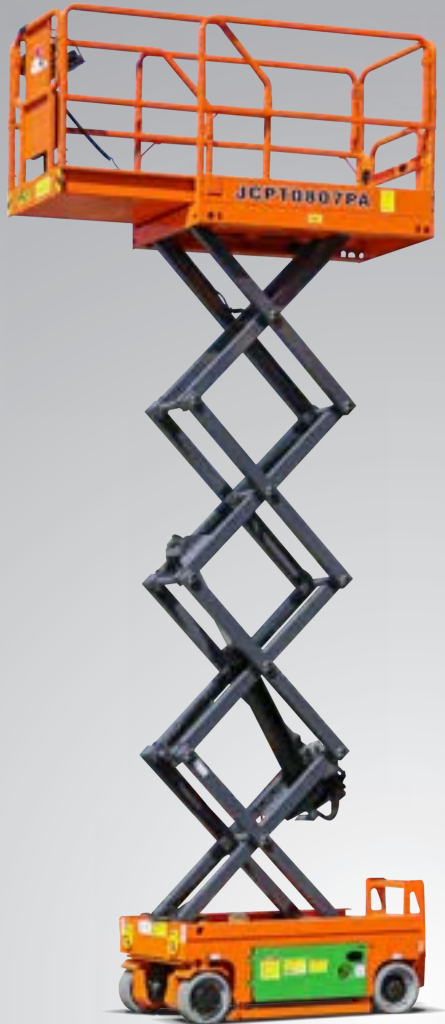
Model		JCPT1012PA
Dimension		
Max. Working Height A		10.00m
Max. Platform Height B		8.00m
Overall Length C		2.48m
Overall Width D		1.15m
Overall Height(Rails Up) E		2.36m
Overall Height(Rails Down) F		1.83m
Platform Size(L×W)		2.27m×1.12m
Platform Extension Size G		0.90m
Ground Clearance(Stowed/Raised)		0.10m/0.019m
Wheelbase H		1.87m
Turning Radius(Inside/Outside)		0m/2.20m
Tyres		Φ381×127mm
Performance		
S.W.L		350kg
S.W.L On Extension		113kg
Max. Occupants(Indoor/Outdoor)		2/2
Gradeability		25%
Travel Speed(Stowed)		5.0km/h
Travel Speed(Raised)		0.8km/h
Max. Working Slope		X-1.5°/Y-3°
Up/Down Speed		36/36sec
Weight		
Overall Weight		2890kg
Power		
Battery		4×6V/185Ah
Charger		24V/30A
Driving Motor		2×15VAC/0.87kW
Lifting Motor		24VDC/3.0kw



Model	JCPT1008PA
Dimension	
Max. Working Height A	10.00m
Max. Platform Height B	8.00m
Overall Length C	2.48m
Overall Width D	0.83m
Overall Height(Rails Up) E	2.36m
Overall Height(Rails Down) F	2.00m
Platform Size(L×W)	2.27m×0.81m
Platform Extension Size G	0.90m
Ground Clearance(Stowed/Raised)	0.10m/0.019m
Wheelbase H	1.87m
Turning Radius(Inside/Outside)	0m/2.10m
Tyres	Φ381×127mm
Performance	
S.W.L	230kg
S.W.L On Extension	113kg
Max. Occupants	2
Gradeability	25%
Travel Speed(Stowed)	5.0km/h
Travel Speed(Raised)	0.8km/h
Max. Working Slope	X-1.5°/Y-3°
Up/Down Speed	36/36sec
Weight	
Overall Weight(Lead-acid Battery)	2410kg
Overall Weight(Lithium Battery)	2320kg
Power	
Battery(Lead-acid Battery)	4×6V/185Ah
Battery(Lithium Battery)	24V/180Ah
Charger	24V/30A
Driving Motor	2×24V/0.87kW
Lifting Motor	24V/3.20kW



Model	JCPT0808PA
Dimension	
Max. Working Height A	8.00m
Max. Platform Height B	6.00m
Overall Length C	2.48m
Overall Width D	0.83m
Overall Height(Rails Up) E	2.28m
Overall Height(Rails Down) F	1.92m
Platform Size(L×W)	2.27m×0.81m
Platform Extension Size G	0.90m
Ground Clearance(Stowed/Raised)	0.10m/0.019m
Wheelbase H	1.87m
Turning Radius(Inside/Outside)	0m/2.10m
Tyres	Φ381×127mm
Performance	
S.W.L	380kg
S.W.L On Extension	113kg
Max. Occupants	2
Gradeability	25%
Travel Speed(Stowed)	5.0km/h
Travel Speed(Raised)	0.8km/h
Max. Working Slope	X-1.5°/Y-3°
Up/Down Speed	36/36sec
Weight	
Overall Weight(Lead-acid Battery)	2340kg
Overall Weight(Lithium Battery)	2250kg
Power	
Battery(Lead-acid Battery)	4×6V/185Ah
Battery(Lithium Battery)	24V/180Ah
Charger	24V/30A
Driving Motor	2×24V/0.87kW
Lifting Motor	24V/3.20kW



Model		JCPT0807PA
Dimension		
Max. Working Height A		7.80m
Max. Platform Height B		5.80m
Overall Length C		1.86m
Overall Width D		0.76m
Overall Height(Rails Up) E		2.15m
Overall Height(Rails Down) F		1.83m
Platform Size(L×W)		1.67m×0.74m
Platform Extension Size G		0.90m
Ground Clearance(Stowed/Raised)		0.09m/0.016m
Wheelbase H		1.36m
Turning Radius(Inside/Outside)		0m/1.64m
Tyres		Φ323×100mm
Performance		
S.W.L		230kg
S.W.L On Extension		113kg
Max. Occupants		2
Gradeability		25%
Travel Speed(Stowed)		4.5km/h
Travel Speed(Raised)		0.5km/h
Max. Working Slope		X-1.5°/Y-3°
Up/Down Speed		25/25sec
Weight		
Overall Weight		1650kg
Power		
Battery		24V/185Ah
Charger		24V/30A
Driving Motor		2x24VAC/0.5kW
Lifting Motor		24VDC/1.4kW



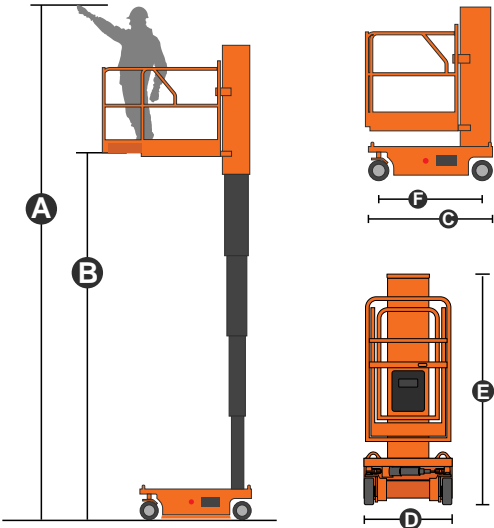
Self-propelled Mast Lifts(Pure Electric)

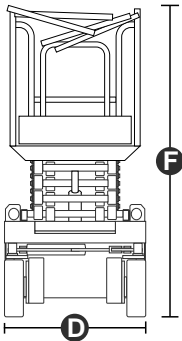
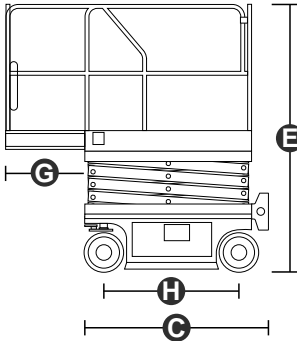
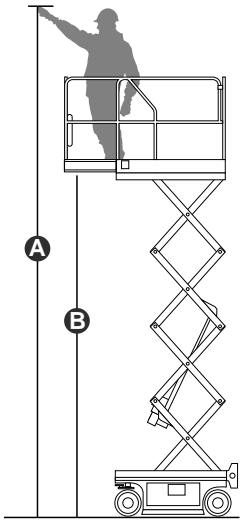
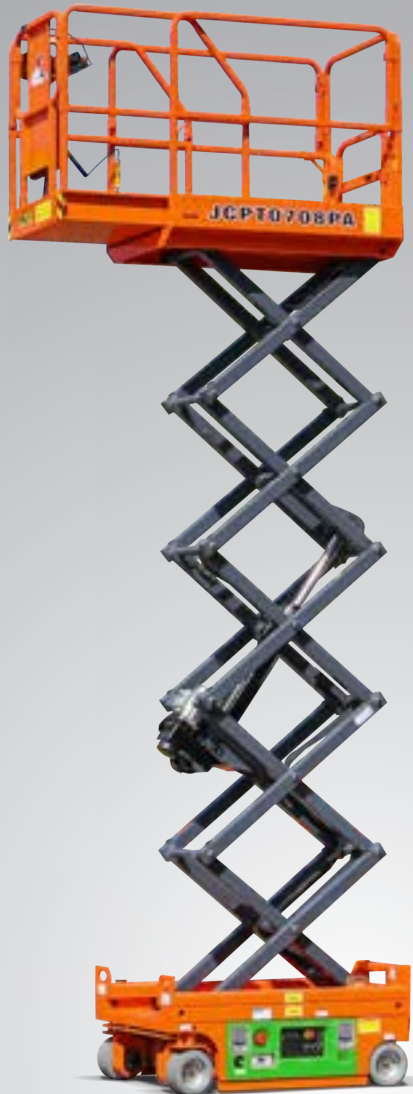
Model	AMWP8-8100L
Dimension	
Max.Working Height A	7.60m
Max.Platform Height B	5.60m
Overall Length C	1.60m
Overall Width D	0.80m
Overall Height E	1.99m
Platform Size(Length/Width)	1.00m×0.76m
Platform Extension Size	0.50m
Ground Clearance(Stowed/Raised)	0.06m/0.014m
Wheelbase F	1.21m
Turning Radius(Inside/Outside)	0.60m/1.80m
Tyres	Φ230×100mm

Performance	
S.W.L	227kg
S.W.L On Extension	113kg
Max. Occupants	1
Gradeability	25%
Travel Speed(Stowed)	3.6km/h
Travel Speed(Raised)	0.5km/h
Max. Working Slope	X-1.5°/Y-3°
Up/Down Speed	32/32sec

Weight	
Weight	1380kg

Power	
Battery	2×12V/115Ah
Charger	24VDC/15A
Drive Motor	2×24VAC/0.68kW
Lifting Motor	24VDC/1.40kW





Model	JCPT0708PA	JCPT0708PAH
Dimension		
Max. Working Height A	7.60m	7.60m
Max. Platform Height B	5.60m	5.60m
Overall Length C	1.52m	1.54m
Overall Width D	0.81m	0.81m
Overall Height(Rails Up) E	2.01m	2.09m
Overall Height(Rails Down) F	1.65m	1.73m
Platform Size(L×W)	1.37m×0.70m	1.37m×0.70m
Platform Extension Size G	0.60m	0.60m
Ground Clearance(Stowed/Raised)	0.06m/0.015m	0.07m/0.015m
Wheelbase H	1.13m	1.15m
Turning Radius(Inside/Outside)	0.45m/1.60m	0.45m/1.60m
Tyres	φ230×100mm	φ305×100mm
Performance		
S.W.L	230kg	230kg
S.W.L On Extension	113kg	113kg
Max. Occupants	2	2
Gradeability	25%	25%
Travel Speed(Stowed)	4.0km/h	4.0km/h
Travel Speed(Raised)	0.6km/h	0.6km/h
Max. Working Slope	X-1.5°/Y-3°	X-1.5°/Y-3°
Up/Down Speed	22/22sec	24/24sec
Weight		
Overall Weight	1340kg	1340kg
Power		
Battery	24V/115Ah	24V/115Ah
Charger	24V/15A	24V/15A
Driving Motor	2×24VDC/0.7kW	2×24VDC/0.7kW
Lifting Motor	24VDC/1.8kW	24VDC/1.8kW



Self-propelled Mast Lifts(Pure Electric)

Model	AMWP7-8100	AMWP7-8100L
Dimension		
Max.Working Height A	6.70m	6.70m
Max.Platform Height B	4.70m	4.70m
Overall Length C	1.45m	1.48m
Overall Width D	0.76m	0.76m
Overall Height E	1.99m	1.99m
Platform Size(Length/Width)	1.00m×0.76m	1.00m×0.76m
Platform Extension Size	0.50m	0.50m
Ground Clearance(Stowed/Raised)	0.06m/0.014m	0.06m/0.014m
Wheelbase F	1.21m	1.21m
Turning Radius(Inside/Outside)	0.60m/1.80m	0.60m/1.80m
Tyres	Φ230×80mm	Φ230×80mm

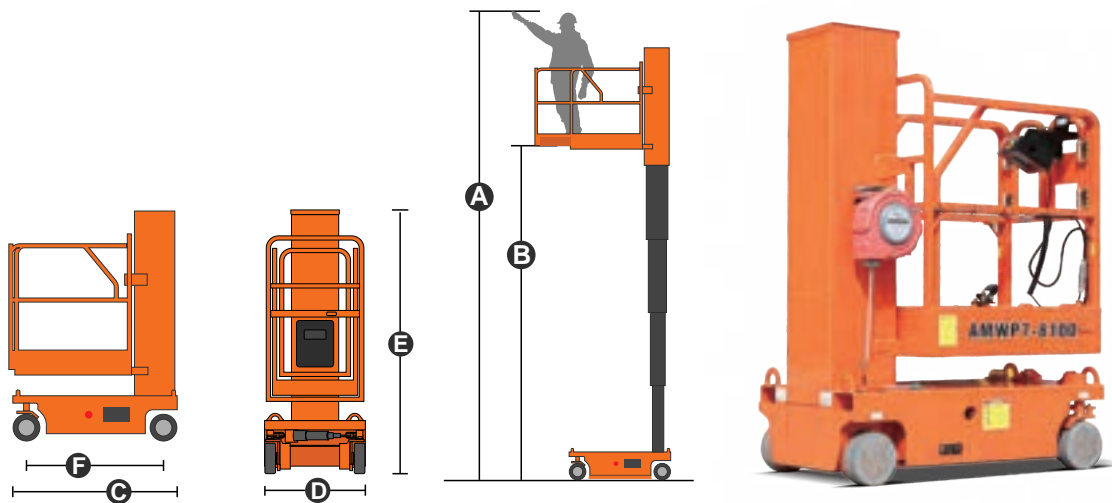
Performance		
S.W.L	230kg	230kg
S.W.L On Extension	113kg	113kg
Max. Occupants	2	2
Gradeability	25%	25%
Travel Speed(Stowed)	3.6km/h	3.6km/h
Travel Speed(Raised)	0.5km/h	0.5km/h
Max. Working Slope	X-1.5°/Y-3°	X-1.5°/Y-3°
Up/Down Speed	28/28sec	28/28sec

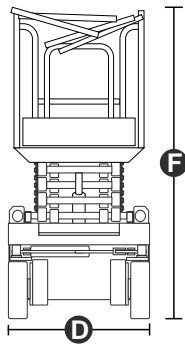
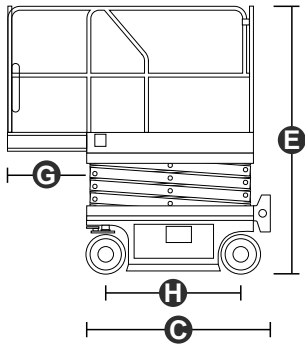
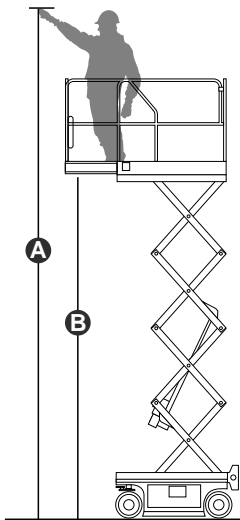
Weight		
Weight	1350kg	990kg

Power		
Battery	2×12V/115Ah	2×12V/115Ah
Charger	24VDC/15A	24VDC/15A
Drive Motor	2×24VAC/0.5kW	2×24VAC/0.68kw
Lifting Motor	24VDC/2.2kW	24VDC/1.4kw

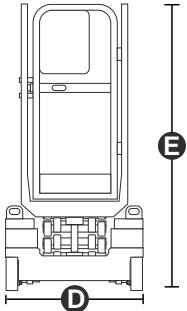
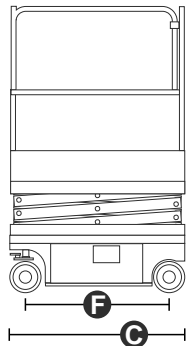
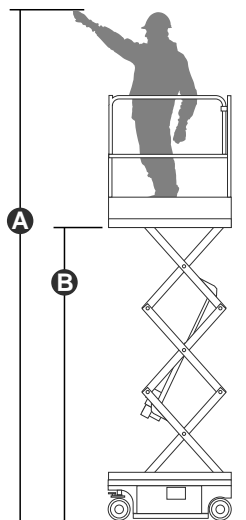


HYDRAULIC OIL FREE





Model	JCPT0607PA	JCPT0607PAH
Dimension		
Max. Working Height A	5.60m	5.60m
Max. Platform Height B	3.60m	3.60m
Overall Length C	1.44m	1.46m
Overall Width D	0.76m	0.76m
Overall Height(Rails Up) E	1.99m	2.06m
Overall Height(Rails Down) F	1.62m	1.69m
Platform Size(L×W)	1.29m×0.70m	1.29m×0.70m
Platform Extension Size G	0.60m	0.60m
Ground Clearance(Stowed/Raised)	0.06m/0.015m	0.07m/0.015m
Wheelbase H	1.05m	1.06m
Turning Radius(Inside/Outside)	0.40m/1.55m	0.40m/1.55m
Tyres	φ230×80mm	φ305×100mm
Performance		
S.W.L	240kg	240kg
S.W.L On Extension	100kg	100kg
Max. Occupants	2	2
Gradeability	25%	25%
Travel Speed(Stowed)	4.0km/h	4.0km/h
Travel Speed(Raised)	0.5km/h	0.6km/h
Max. Working Slope	X-1.5°/Y-3°	X-1.5°/Y-3°
Up/Down Speed	22/22sec	22/22sec
Weight		
Overall Weight	920kg	950kg
Power		
Battery	24V/85Ah	24V/85Ah
Charger	24V/15A	24V/15A
Driving Motor	2x24VDC/0.7kW	2x24VDC/0.7kW
Lifting Motor	24VDC/1.4kW	24V/1.4kW



Model	JCPT0507PA
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Dimension	
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Max. Working Height A	5.05m
Max. Platform Height B	3.05m
Overall Length C	1.18m
Overall Width D	0.77m
Overall Height E	1.60m
Platform Size(L×W)	1.16m×0.565m
Ground Clearance(Stowed/Raised)	0.06m/0.016m
Wheelbase F	0.95m
Turning Radius(Inside/Outside)	0.45m/1.20m
Tyres	φ200×80mm

Performance	
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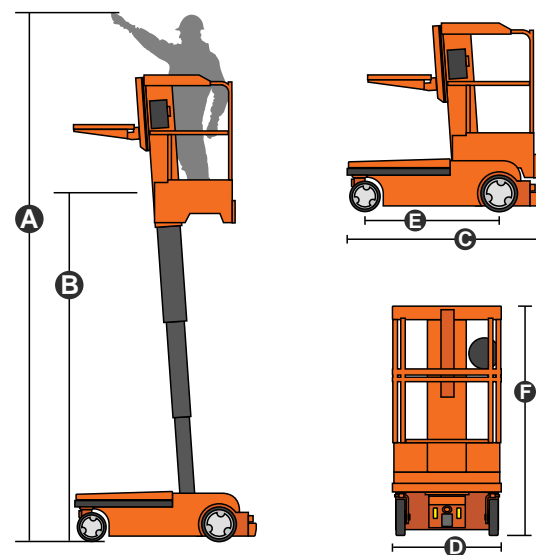
S.W.L	230kg
Max. Occupants	1
Gradeability	25%
Travel Speed(Stowed)	4.0km/h
Travel Speed(Raised)	0.4km/h
Max. Working Slope	X-1.5°/Y-3°
Up/Down Speed	20/20sec

Weight	
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Overall Weight(Lead-acid Battery)	570kg
Overall Weight(Lithium Battery)	540kg

Power	
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Battery(Lead-acid Battery)	24V/55Ah
Battery(Lithium Battery)	24V/63Ah
Charger	24V/15A
Driving Motor	2X24V/0.6kW
Lifting Motor	24V / 1.4kW



Order Picker Lifts

Model	OPT0507
Dimension	
Max. Working Height A	4.99m
Max. Platform Height B	2.99m
Overall Length C	1.59m
Overall Width D	0.75m
Overall Height E	1.59m
Ground Clearance	0.04m
Wheelbase F	1.11m
Turning Radius(Inside/Outside)	0m/1.30m
Tyres	
- Front	Φ 254×63.50mm
- Back	Φ 305×63.50mm

Performance	
S.W.L	
- S.W.L Of Platform(For Person)	135kg
- S.W.L Of Pallet(For Goods-Up)	90kg
- S.W.L Of Pallet(For Goods-Down)	115kg
Max. Occupants	1
Gradeability	15%
Speed	
- Forward Speed(Stowed)	4.8km/h
- Back Speed(Stowed)	3.2km/h
- Travel Speed(Raised)	1.3km/h
Max. Working Slope	0°
UP/Down Speed	18/18sec

Weight	
Weight	640kg

Power	
Battery	24V/115Ah
Charger	24V/15A
Drive Motor	2×24VDC/0.68kW
Lifting Motor	24VDC/1.20kW

