



Mantall only provide you with suitable products according to your demands. Our design inspiration is from customers,we'll take "the customer as the center", seriously listen to the advice of customers,and reflected in the design,such as different option device, mobility,stowed size,all of that reflect Mantall's philosophy "take the customer as center".

مركز البراغي والعدد
BOLTS & TOOLS CENTER **BTGO**

Mantall only provide you with suitable products according to your demands. Our design inspiration is from customers,we'll take "the customer as the center", seriously listen to the advice of customers,and reflected in the design,such as different option device, mobility,stowed size,all of that reflect Mantall's philosophy "take the customer as center".

Mantall insist on that:do not use inferior materials for more profit and decline in the quality of the product;Compared with other companies,even the nuances of products can not inferior;no matter what the situation is,do not decline the quality to save the cost.





Customer first

Mantall's goal is to help customers achieve success, to win the markets with quality and promote the enterprise with innovation.

Mantall's prior goal is to help customers achieving success by solving problems, increasing working efficiency and lowering management cost. We give top priority to quality of products by continuous innovation and shoulder the responsibility to provide customers with safe and efficient products.

Mantall 360°Service

Focus, Dedication, Sincerity, Care, Earnest

Only sincere treatment with customers can be trusted by them, and benefit for Mantall's development!

We are always listening to customers' suggestions, and we think only the reasonable service can serve customers well. Our service team supply users 7*24hours uninterrupted "matching service".

Mantall build unique file for every customer and each equipment, so that we can provide the necessary service for customers quickly.

Mantall products following the standards:

GB25849-2010

ANSI/SIA A92.5 ANSI/SIA A92.6 CAS CAN3-B354.2-M82 AS1418.10 EN280

China Ping An Insurance Co., Ltd. Warranty

Standard: ISO 9001:2008 ISO14001: 2004 GB/T28001-2001





Mantall products widely used in: construction, electrical power industry, ships, municipal engineering, bridge construction, exhibition, advertisement, storage, docks and airports, etc.





Contents

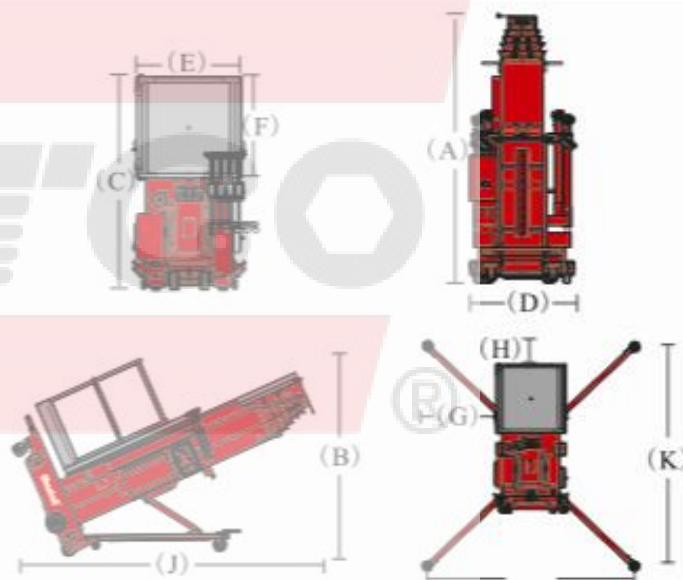
	ASP- SERIES SLEEVE TYRE AERIAL WORK PLATFORM	Page01
	ASP-26 ASP-32 ASP-40	
	AMP- SERIES AERIAL WORK PLATFORM	Page02
	AMP-20 AMP-26 AMP-32 AMP-40	
	CMP- SERIES DOUBLE MASTS AERIAL WORK PLATFORM	Page03-04
	CMP-10 CMP-12 CMP-14 CMP-16 CMP-18	
	IMP- SERIES SELF-PROPELLED AERIAL WORK PLATFORM	Page05-06
	IMP-55 IMP-65 IMP-80	
	ALP- SERIES SUPER MATERIAL LIFT	Page07-08
	ALP-10 ALP-15 ALP-20 ALP-25	
	XE- SERIES ELECTRIC SELF-PROPELLED SCISSOR LIFT	Page09-10
	XE-65N XE-80N XE-80C XE-80W XE-100C XE-100W XE-120W XE-140W	
	XD- SERIES DIESEL SELF-PROPELLED SCISSOR LIFT	Page11-12
	XD-100RT XD-120RT XD-140RT	
	XDW- SERIES DIESEL SELF-PROPELLED SCISSOR LIFT	Page13-14
	XDW-120RT XDW-150RT XDW-180RT	
	HT- SERIES SELF-PROPELLED TELESCOPIC BOOMS	Page15-16
	HT-200 HT-215J HT-270 HT-285J HT-330 HT-350J HT-390 HT-410J	
	HZ- SERIES SELF-PROPELLED ARTICULATING BOOMS	Page17-18
	HZ-140 HZ-160 HZ-200 HZ-260	
	S- SERIES TRUCK-MOUNTED PLATFORMS	Page19-20
	S-1470C S-1770C S-2110C S-2512C S-2815C	
	XEM- SERIES MOBILE ELECTRIC SCISSOR LIFT	Page21
	XE-M50S-XE-A140H(A total of 22 models)	

ASP SERIES SLEEVE TYPE AERIAL WORK PLATFORM

Mantall ASP sleeve type aerial work platform can safely reach height of 14m. Mantall ASP series is a unique sleeve type aerial work platform. The unique sleeve type can promote the machine's stability to the maximum extent.

All built-in lifting mechanism let your maintenance cost lower, and make the ASP series's shape more good looking. High-strength aluminum design, make users enjoy sleeve type stability and can be easily transportation.

Mantall ASP series provide you with dual-control system that you can operate the lift up and down on platform or base.



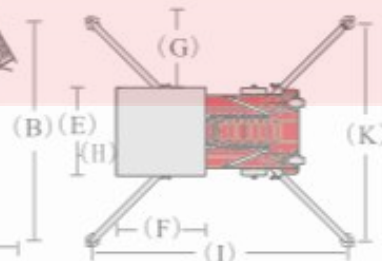
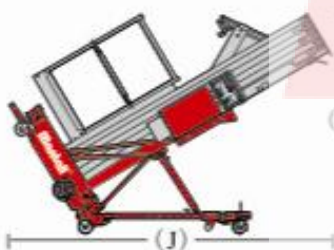
Model	ASP26	ASP32	ASP40
Working height max.	10.0m	12.0m	14.0m
Platform height max.	8.0m	10.0m	12.0m
Lift capacity	136kg	159kg	120kg
Basket size (E*F)	0.68m*0.68m		
Width, stowed (D)	0.74m	0.74m	0.74m
Height, stowed (A)	1.98m	2.63m	2.94m
Height, tilted back (B)	----	1.98m	1.98m
Length, stowed (C)	1.45m	1.45m	1.45m
Length, tilted back (J)	---	2.63m	2.94m
Outrigger footprint m (I*K)	1.86m*2.0m	2.13m*2.0m	2.13m*2.0m
Wall access front/side m (H/G)	0.13/0.58m	0.26/0.71m	0.26/0.71m
Power source (AC/DC)	220V/110V/12V		
Weights (AC/DC)	440kg/480kg	500kg/540kg	540kg/580kg

PORTABLE TYPE AERIAL WORK PLATFORM

Mantall AMP series portable aerial work platforms safely reach working heights of 14m. The unique mast design gives your more safe environment and easy conveyance.

Only Mantall can provide the models up to 12m roll easily through standard doorways without being tilted back. The AMP series offers you dual-control system that you can operate the lift up and down on platform or base.

A new Mantall AMP series of personal style aerial work platform, provide you with safe and efficient environment. The unique mast design, widely used in construction, the maintenance for equipments and warehouse.



Model	AMP20	AMP26	AMP32	AMP40
Working height max.	8.0m	10.0m	12.0m	14.0m
Platform height max.	6.0m	8.0m	10.0m	12.0m
Lift capacity	159kg	159kg	159kg	120kg
Basket size(E*F)	0.69m*0.68m	0.69m*0.68m	0.69m*0.68m	0.69m*0.68m
Width, stowed(D)	0.74m	0.74m	0.74m	0.74m
Height, stowed(A)	1.97m	1.97m	1.97m	2.76m
Height, tilted back(B)	--	--	--	1.98m
Length, stowed(C)	1.27m	1.36m	1.42m	1.46m
Length, tilted back(J)	--	--	--	2.87m
Outrigger footprint(I*K)	1.77*1.49m	1.77*1.49m	1.99m*1.72m	2.27m*1.98m
Wall access front/side(H/G)	0.18/0.45m	0.18/0.45m	0.23/0.55m	0.42/0.65m
Power source (AC/DC)	220V/110V/12V			
Weights (AC/DC)	335kg/375kg	355kg/395kg	365kg/405kg	480kg/520kg

CMP SEF

DOUBLE MASTS AERIAL WORK PLATFORM

Mantall CMP double masts aerial work platform can safely reach height of 18m. It is economic and allows versatile operation by one or two people.

Mantall CMP series patented mast system features high-strength aluminum and heavy-duty lifting chains with a safety factor of greater than 10 to 1. This make machines more safe and more stability. High-strength and high quality steel chassis, even on the bad environment, it is also can be used safety. The large platform has ample space for workers and their tools.

Dual control system is provided for you, one is ground control system, another one is platform control system, with them you can easily operate the machine.



Rolling-over base

New Mantall CMP series provide you with more safe and more effective working environment.

Standard Features

- Aluminum platform basket
- Polyurethane non-mark tires
- Forklift pockets
- Foldable inclined ladder
- Two controls of the platform and base
- Lower beeper warning
- Reversal platform
- Emergency relief valve and Emergency lowering switch
- Outrigger storage frame

Use Range

Hotel	Station
Office	Airport
Clubhouse	Hospital
Shopping	Warehouse
Theater	Factory
Exhibition hall	

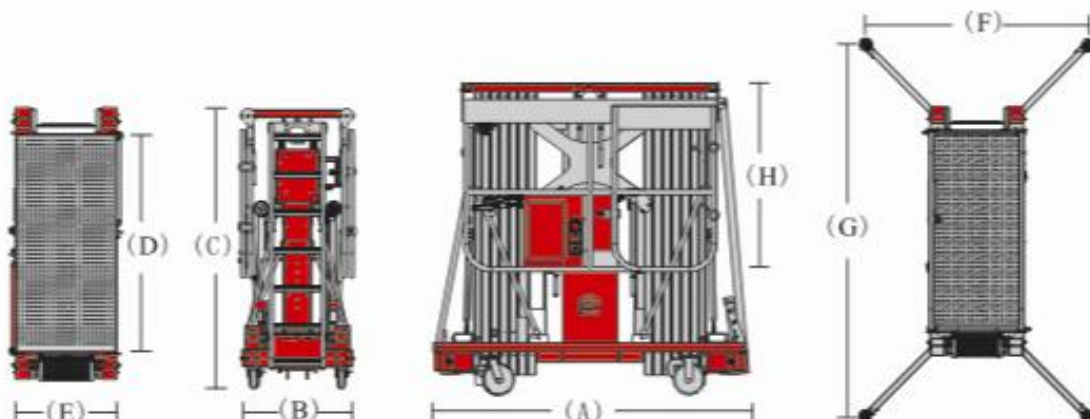
Option Features

Rolling-over base,Electrical drive,
Wide frame,DC Battery.





Model	CMP-10	CMP-12	CMP-14	CMP-16	CMP-18
Standard Parameter					
Working height (m)	10	12	14	16	18
Platform height (m)	8	10	12	14	16
Lift capacity (kg)	272	272	200	200	150
Weight (kg)	800	850	900	1065	1185
Stowed size (m)(A*B*C)	1.48×0.8×1.98		1.6×0.8×1.98	2×0.8×2.75	
Platform size (m)(D*E*H)	1.37×0.7×1.1		1.5×0.7×1.1	1.8×0.7×1.1	
Outrigger footprint (m)(F*G)	1.9*2.1		2.5*2.1	2.7*2.8	
Power source (AC/DC)	220V/110V/12V				
Option wide chassis parameter					
Stowed size (m)(A*B*C)	2.02×0.8×2		2.02×0.8×2.75	-----	
Platform size (m)(D*E*H)	1.63×0.8×1.1		1.8×0.7×1.1	-----	
Outrigger footprint (m)(F*G)	1.8×3.0		2.7×2.8	-----	
Weight (kg)	885	935	985	-----	-----
Option rotate chassis parameter					
Stowed size (m)(A*B*C)	-----			2.7×0.85×1.98	
Platform size (m)(D*E*H)				1.49×0.78×1.1	
Outrigger footprint (m)(F*G)				2.98×2.81	
Weight (kg)				1490	1540



IMP SERIES

SELF-PROPELLED AERIAL WORK PLATFORM

IMP-Series Self-propelled Single Mast Aerial Work Platform has compact design, light weight, quickly up and down and self-propelled, can greatly improved its work efficiency.

IMP-Series Self-propelled Single Mast Aerial Work Platform can safety reaches up to working height of 8m. It widely used in Shopping Centre, Supermarket, Warehouse and Industry, and so on.



Efficient and convenient drive function

With the unique 'Zero inside turning radius', can be flexible used in narrow space. 30% gradeability, springs and hydraulic release brake system, 25cm solid seamless rubber tires, make operate more easily.



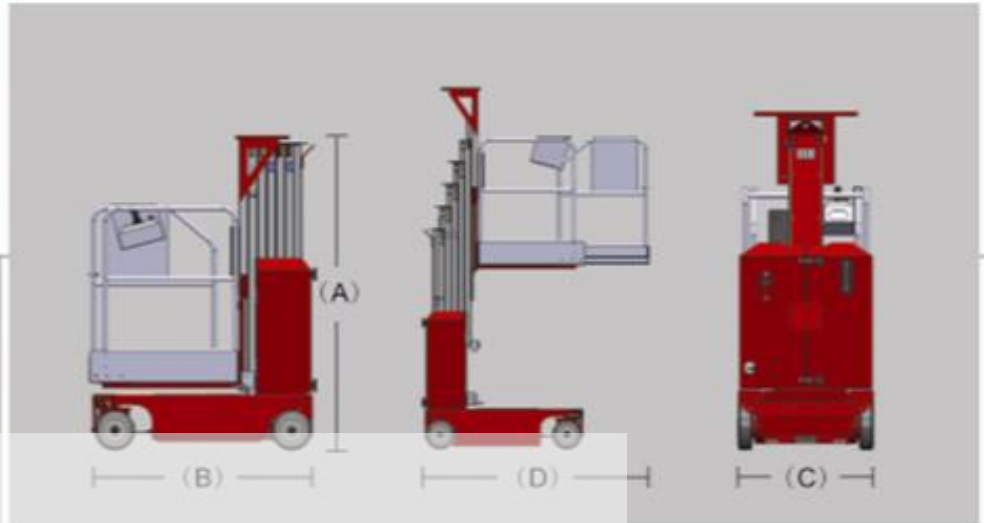
Simple operation, maintenance more convenient

Dual control system on the base and platform, with them you can easily operate the machine. Proportional control up and down and drive system, make the lifting and driving smoothly.

With fault diagnosis and rear-open door design, make the maintenance more easily.



Unprecedented flexibility handling, make you work more convenient!



Note: With* is option items

Model	IMP55	IMP65	IMP80
Working height	5.5 m	6.5 m	8 m
Platform height	3.5 m	4.5 m	6 m
Platform size(length*width)standard	0.9 x 0.75 m		
Standard extension platform	1.50 x 0.75 m		
Length of the machine with platform extended(D)	2.0 m		
Stowed size(A*B*C)	1.6 x 1.40 x 0.8		2 x 1.4 x 0.8
Lift capacity	230 kg		160kg
Weight	716kg	993kg	1110kg
Raising/lowering time	20/18s		24/21s
Ground clearance	0.06 m		
Extension platform-lift capacity*	115 kg		
Driving speed--stowed	4.0Km / h		
Driving speed--raising	0.8Km / h		
Gradeability	30%		
Inside rotation radius	0		
Outside rotation radius	1.42 m		
Control	Electro-hydraulic control		
Tire	Seamless250mm x 80mm x 200mm		
Power source	DC 24V 225Ah		
Hydraulic tank capacity	8.5L		

ALP SERIES SUPER MATERIAL LIFT

YOUR BEST CHOICE

Mantall super-material lift, is a no power source, manually operated material lift. It is designed compact, light weight, highly mobile and can be easily through standard doorways, while easily handling. Super-lifting, even if the weight of 454kg in weight, can also be upgraded to a maximum 3.48m, or 295kg to 7.95m.

ALP series material lift platform can be fully used in the construction, industry, storage, exhibition, stage construction, the adverting industry, central air-conditioning.

Only Mantall can provide you with so humanized design aerial work platform.





Incorporates a silent ratchet system



Transportation wheels



Roller wheels with brake



Standard forks



Telescopic mast design



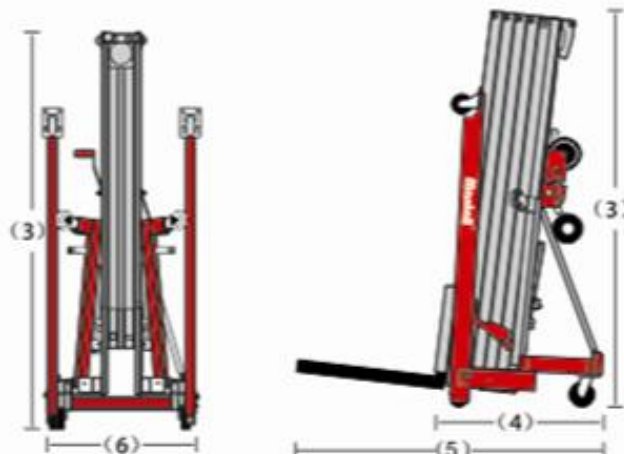
Solid steel base design

Model	ALP-10	ALP-15	ALP-20	ALP-25
Measurements				
Working height				
(1)standard forks-up	3.48 m	5.00m	6.45m	7.95m
(2)standard forks-down	2.96 m	4.48m	5.93m	7.43m
Adjustable forks-up	3.48m	5.00m	6.45m	7.95m
Adjustable forks-down	2.96m	4.48m	5.93m	7.43m
Flat forks	2.96m	4.48m	—	—
Boom***	3.28m	4.76m	6.25m	7.42m
Load platform**-fork up	3.49m	4.98m	6.46m	7.94m
Load platform**-fork down	2.97m	4.46m	5.94m	7.42m
(3)Height-stowed	1.98m	1.98m	1.98m	1.98m
(4)Length-stowed	0.75m	0.75m	0.75m	0.83m
(5)Length-operating	2.2m	2.2m	2.2m	2.2m
(6)Width-stowed*	0.79m	0.79m	0.79m	0.79m
-stabilizers lowered	1.9m	1.9m	1.9m	1.9m
Width-straddle base*				
Minimum	0.80m	0.80m	—	—
Maximum	1.47m	1.47m	—	—
Maximum inside	1.27m	1.27m	—	—
(7)Ground clearance-center	0.05m	0.05m	0.05m	0.05m
Load height minimum	0.15m	0.15m	0.15m	0.15m
Productivity				
Load capacity				
46cm load center	454kg	363kg	363kg	295kg
61cm load center	454kg	363kg	272kg	204kg
1.07m load center	181kg	227kg	159kg	113kg
Power				
Power	Single speed winch			
Weight				
Standard	163kg	183kg	203kg	224kg

*Outside dimensions.

**For use with standard and adjustable forks only.

***Measured from ground to bottom of shackle.



XE SERIES

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.



Quiet, easy to control

Proportional control makes operate more easily. DC battery power, can give you a more quite work environment.



Driving and steering

Hydraulic control system about drive and steering, proportional control, make operate more convenient.

Slip-resistant and environmental traceless solid tires will not leave marks on your floor.

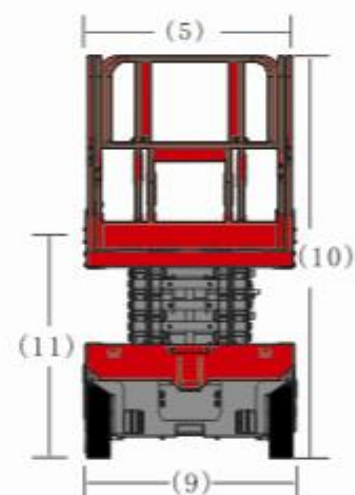
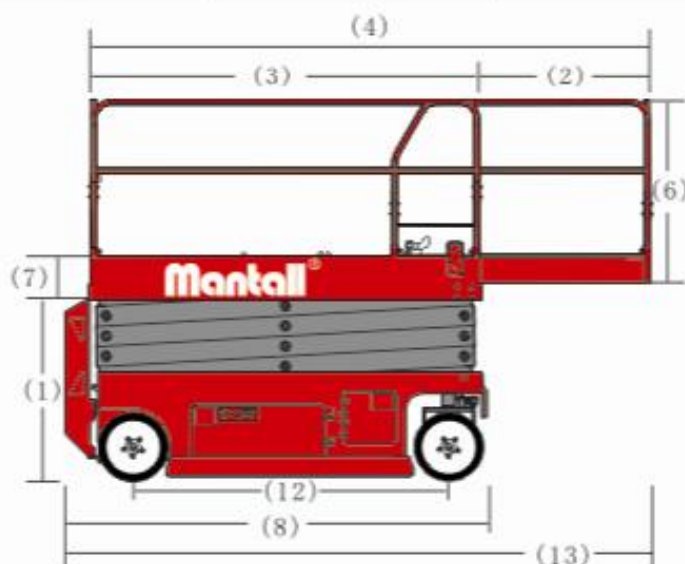
Compact Design[®]

Even if the standard doors can be easily passed.





Models	XE65N	XE80N	XE80C	XE100C	XE80W	XE100W	XE120W	XE140W
Working height max (m)	6.5	8	8	10	8	10	12	14
Platform height max (m)	4.5	6	6	8	6	8	10	12
(2) Outreach (m)	0.9	0.9	1	1	1	1	1	1
Lifting capacity (kg)	270	230	350	230	550	450	350	350
Lifting capacity (kg) (Extended platform)	115	115	120	120	120	120	120	120
Weight (kg)	1170	1365	1690	1763	1980	2264	2810	3081
Platform size ^{(3) x (5) x (6)} (L x W x H) (m)	1.61 x 0.72 x 1.1	2.25 x 0.8 x 1.1		2.25 x 1.15 x 1.1	2.3 x 1.15 x 1.1			
(4) The length of platform extended (m)	2.52	3.2		3.2	3.2	3.2	3.3	3.3
(7) Skirting board height (m)	0.15	0.15		0.15	0.15	0.15	0.176	0.176
Stowed size ^{(8) x (9)} (L x W x H) (m)	1.85 x 0.77	2.42 x 0.8		2.42 x 1.2				
(10) Stowed height (m)	2	2.1	2.2	2.3	2.12	2.25	2.38	2.50
(13) Length of the machine with platform extended (m)	2.75	3.4		3.4	3.42	3.42	3.42	3.42
(11) Width of the machine with platform folded (m)	1.74	1.6	1.55	1.55	1.76	1.9	2	2
Hydraulic tank capacity (L)	15	15		15	15	15	25	25
Gradeability	30%	30%		30%	30%	30%	25%	23%
(12) Wheelbase (m)	1.32	1.85		1.85				
Ground clearance (m)	0.06	0.1		0.1				
Pothole protection board ground clearance (m) (down)	0.02	0.019		0.019				
Inside rotation radius (m)	0	0		0				
Outside turning radius (m)	1.56	2.12		2.3				
Load number max	2	3		3				
Raised time/Lowering time (s)	17/28	17/26	30/33	30/39	32/35	45/42	65/52	68/55
Traction speed (km/h)	3.8	3.4		3.4				
Safe speed (km/h)	0.7	0.7		0.7				
Vertical tilt°	3	3		3				
Lateral tilt°	2	2		2				
Power source	4 x 6V; 225Ah	4 x 6V; 225Ah		4 x 6V; 225Ah				
Tire size (mm)	356 x 114 x 254	356 x 114 x 254		406 x 127 x 318				



XD SERIES

DIESEL SELF-PROPELLED SCISSOR LIFT

Strong power Superior performance

Mantall XD-series Self-propelled Diesel Scissor Lift with the diesel engine, its Strong power, excellent rough terrain performance, even in the rough terrain also can be widely used, without the limitations of the power source.

Mantall XD-series can safety reach working height of 14m. With the humanized design, the machines can be easily through the standard double doorways.

Suitable for rough-terrain ground, solid tires make the work more stability. Fully proportional control system, make the operate more easily.



Standard Features

- Foldable guardrail
- Diagnosis system
- AC wiring to platform
- 4 wheels drive
- Tilt level sensor with an audible alarm
- Lowering alarm
- Horn
- Hour meter
- Emergency pump
- Safety brackets
- Proportional controls
- Solid rough tire

Option Features

- Automatic leveling hydraulic outriggers
- Non-mark rough tire
- Dc power supply
- Air line to platform
- Motor cold starting components
- Overload sensor
- Moveable alarm components
- Dual flashing beacon

Models	XD100RT	XD120RT	XD140RT
Working height max (m)	10	12	14
Platform height max (m)	8	10	12
(1)Platform height min (m)	1.2	1.3	1.3
(2)Outreach (m)	1.5	1.5	1.5
Lifting capacity (kg)	567	454	345
Lifting capacity (kg) (Extended platform)	136	136	136
Platform Size			
(3)Lateral length (m)	2.5	2.5	2.5
(4)Extended length (m)	4	4	4
(5)Lateral width (m)	1.55	1.55	1.55
(6)Fence height (m)	1.15	1.15	1.15
(7)Skirting board height (m)	0.15	0.15	0.15
Stowed size			
(8)Stowed length (m)	2.66	2.66	2.66
(9)Width (m)	1.73	1.73	1.73
(10)Height (m)	2.32	2.45	2.58
(11)Folded height (m)	1.7	1.83	1.95
(12)Wheelbase (m)	1.85	1.85	1.85
Ground clearance (m)	0.19	0.19	0.19
Turn diameter (m) (inside)	1.52	1.52	1.52
Turn diameter (m) (outside)	3.68	3.68	3.68
Load number max	3	3	3
Raised time (s)	30	40	50
Lowering time (s)	35	37	39
Traction speed (km/h)	6	6	6
Safe speed (km/h)	0.8	0.8	0.8
Vertical tilt°	3	3	3
Lateral tilt°	2	2	2
Control	Proportional control		
Drive	4 wheels drive		
Weight (kg)	2895	3630	4200
Weight (kg) (with outriggers)	3195	3930	4500
Power source	Kubota D905		
Hydraulic tank capacity (L)	62.5	62.5	62.5
Fuel tank capacity (L)	56.8	56.8	56.8
Gradeability	35%	30%	30%
*Outrigger level ability max			
Front to rear	6.6	6.6	6.6
Left to right	10.6	10.6	10.6
Tire size (mm)	Solid tires300*600		

With * Optional special

XDW SERIES

DIESEL SELF-PROPELLED SCISSOR LIFT

More space, More timed performance

Mantall XDW series aerial work platform is designed with wide platform, and can carry multiple operations. Its unique four-wheel drive can easily do well even if in the harsh and complex construction site.



Easy Maintenance

Mantall XDW series using pumping type maintenance, makes the maintenance easier. The vehicle Diagnosis System helps the maintenance personnel find the point of failure quickly.

Its four-wheel drive and 50% gradeability, tilt level sensor can ensure the safe operation even if the equipment in the wild.

Mantall XDW series is widely used in the rental industry, its durable feature makes the equipment can be easily used in different workplaces.

Standard Features

- Foldable guardrail
- Diagnosis system
- AC wiring to platform
- 4 wheel drive
- Tilt level sensor with an audible alarm
- Lowering alarm
- Horn
- Hour meter
- Emergency pump
- Safety brackets
- Proportional controls
- Solid rough tire

Option Features

- Automatic leveling hydraulic outriggers (XDW120RT and XDW150RT)
- Double sliding platform (1.2m)
- Non-mark rough tire
- Swing axle (XDW150RT and XDW180RT)
- DC power supply
- Air line to platform
- Motor cold starting components
- Overload sensor
- Moveable alarm components
- Dual flashing beacon

Model	XDW120RT	XDW150RT	XDW180RT
Working height max m	12.00	15.00	18.00
Platform height max m	10.00	13.00	16.00
Outreach m (Front)	1.50	1.50	1.50
Outreach m (Rear)	1.20	1.20	1.20
Lift capacity kg	1140	680	680
Lift capacity kg (Extended platform)	230	230	230
Platform size			
Lateral Length m	3.90	3.90	3.90
Extended length m (single extended platform)	5.40	5.40	5.40
Extended length m (double extended platform)	6.60	6.60	6.60
Lateral width/m	1.80	1.80	1.80
Fence height/m	1.15	1.15	1.15
Skirting board height/m	0.15	0.15	0.15
Stowed size			
Stowed length m(single extended platform)	3.95	3.95	---
Stowed length m(double extended platform)	4.00	4.00	---
Stowed length m(with outriggers)	4.90	4.90	4.90
Width/m	2.30	2.29	2.29
Height/m	2.71	2.93	3.15
Folded height/m	2.03	2.25	2.47
Wheelbase/m	2.80	2.80	2.80
Ground clearance/m	0.36	0.36	0.36
Turn diameter m(Inside)	2.16	2.16	2.16
Turn diameter m(Outside)	5.33	5.33	5.33
Raised time/s	45	45	55
Lowering time/s	29	39	49
Traction speed km/h	8.00	8.00	8.00
Safe speed km/h	1.10	1.10	1.10
Drive height/m	All Height	All Height	9.00
Control	Proportional controls		
Drive	4WD		
Weight kg	5500	5950	7600
Power source	Diesel		
Hydraulic tank capacity L	115	115	115
Fuel tank capacity L	115	115	115
Gradeability	50%	50%	40%
Outrigger level ability max			
Front to Rear	7	7	7
Left to Right	11	11	11
Tire size/mm	Solid Non-mark 300*840		

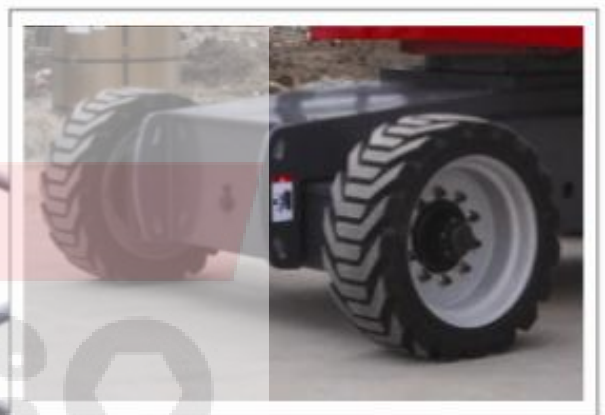
HT SERIES

SELF-PROPELLED TELESCOPIC BOOMS

360°

**extraordinary extension
and precise positioning operation**

Mantall new HT series self-propelled telescopic booms adopted world advanced technology. The extension of its superior ability, 360 degrees rotation and self-propelled function, can greatly improve its work efficiency for the customers. The incomparable stability makes customers feel more comfortable to use.



Excellent self-propelled ability

Mantall self-propelled telescopic booms chassis design, fully consider the complexity of construction of the ground, its superior traction drive system ensures the drive force when the tire into the soil. Multiple choices of the two-wheel drive or four-wheel drive make the user move the equipment more easily.

Extraordinary 360 degree rotation work chassis makes the obstacle crossing, narrow space and others no longer be a work problem.

Mantall full steel sealing structure and fire protection, ensures that the equipment itself won't be damaged when users use welding equipment in the platform.

Excellent extension ability

Mantall self-propelled telescopic booms with excellent extension ability, users can cross the obstacles and near to the work area maximally, and finish the aerial work..



Precision positioning platform

Mantall self-propelled telescopic booms platform can do horizontal rotation. When the work area is limited by the working environment, users can achieve and precision positioning work point by 360° rotation function and the platform horizontal rotation.

Model	HT 200	HT 215J	HT 270	HT 285J	HT 330	HT 350J	HT 390	HT 410J
Working height max	20m	21.5m	27m	28.5m	33m	35m	39m	41m
Working platform height max	18m	19.5m	25m	26.5m	31m	33m	37m	39m
Lift capacity max	250	250	250	250	340	340	340	340
Total weight (2wd)	9.64T	10.2T	18.5T	17T	18.5T	18.5T	19.5T	20.5T
Total weight (4wd)	9.75T	10.28T	19T	17.2T	18.58T	18.58T	19.58T	20.58T
Length-stowed	8.5m	9.5m	11.8m	12.5m	13.2m	13.5m	13.5m	13.8m
Height-stowed	2.75m		2.8m		3.1m			
Width-stowed	2.5m		2.8m		2.5m (3.35m)			
Wheelbase	2.5m		2.8m		3.65m			
Drive speed, stowed	6.1km/h(4WD 4.8km/h)		5.6km/h		4.5 Km/h			
Drive speed, extended	1.1km/h				0.55 Km/h			
Gradeability (2wd/4wd)	30%/45%				25%/40%			
Tire	385/55D-24;rubber solid tire						445/65D-22.5; rubber solid tire	
Power producer	diesel motor							
Control mode	Electro hydraulic proportional control							
Turnable rotation	360°							
Platform rotation	180°							
Platform size	1.8m × 0.76m × 1.1m (L × W × H)							
Driving wheels number	2/4							
Steering wheels number	2/4							
System voltage	DC24V							

Standard Features

- Self-leveling platform
- Hydraulic platform rotation
- Hall effect fully proportional controls
- Driving confirm
- AC wiring to platform
- Horn
- Hour meter
- Tilt alarm
- Positive traction drive
- Dual speed motor
- Emergency pump
- Can intelligent control
- Overload limited

Options Features

- 2.4m platform
- Swing axis
- Platform swing gate
- Platform alternate leverage
- Welder connecting packages
- Welder wire connecting to the platform
- Air line to the platform
- Hydraulic oil cooler
- Hostile environment packages
- Anti-crash air packages
- Tool tray
- Alarm packages
- Platform work lights
- Dual battery
- Traction packages
- AC power source

HZ SERIES

SELF-PROPELLED ARTICULATING BOOMS



Multi-angle and multi-position span, Nothing is impossible

Mantall self-propelled articulating booms make the aerial work range no blind spots, its unique extension function also can use easily even if in the situation with multi-space obstacles.

Operating more close, moving more convenient

During the work, Mantall HZ series aerial work platform can auto-leveling, and rotate to the location needed, make users work in the aerial safely and more convenient. Full-time positive traction drive, solid tires, maximum gradeability of 45%, make the equipment apply to the different rough ground.



Intelligent control, operate more easily

Mantall HZ series use Hall effect fully proportional control handles and CAN intelligent control, makes the operation more simple and easy, and easy to diagnosis and upgrading in the maintenance, upgrading and other process.

Personalization options

Mantall HZ series supply personalization options, no matter the drive function, platform size, platform components, poor environment and so on... Mantall can help you achieve the aspirations.



Standard Features

- Self-leveling platform
- Hydraulic platform rotation
- Hall effect fully proportional controls
- Driving confirm
- AC wiring to platform
- Horn
- Hour meter
- Tilt alarm
- Positive traction drive
- Dual speed motor
- Emergency pump
- CAN intelligent control
- Overload limited

Options Features

- 2.4m platform
- Swing axis
- Platform swing gate
- Platform alternate leverage
- Welder connecting packages
- Welder wire connecting to the platform
- Air line to the platform
- Hydraulic oil cooler
- Hostile environment packages
- Anti-crash air packages
- Tool tray
- Alarm packages
- Platform work lights

	50J DC	HZ200 DC/HZ200J DC	
Lift capacity max	230kg	230kg	230kg
Working height max	14.00m	16.00m	20.00m
Working platform height max	12.00m	14.00m	18.00m
Working platform outreach max	7.50m	8.00m	12.00m
Across height max	6.50m	7.00m	8.00m
Turntable rotation	355 discrete	355 discrete	355 discrete
Drive speed, stowed	4.8km/h	4.8km/h	4.0km/h
Drive speed, extended	1.0km/h	1.0km/h	1.0km/h
Platform rotation	180°	180°	180°
Boom swing	0/140°	0/140°	0/140°
Platform size	1.8m x 0.76m x 1.1m	1.8m x 0.76m x 1.1m	1.8m x 0.76m x 1.1m
Leveling platform	Hydraulic level	Hydraulic level	Hydraulic level
Drive wheels number	2	2	2
Steering wheel number	2	2	2
Drive	DC 48V	DC 48V	DC 48V
System voltage	DC12V	DC12V	DC12V
Tire size	33*12-20	33*12-20	355/55D-625
Controls	Electrical proportional control	Electrical proportional control	Electrical proportional control
Turning radius-(outside)	3.30m	3.50m	5.50m
Turning radius-(inside)	0.80m	1.00m	2.80m
Turntable tailswing	0	0	0
Maximum lateral force	400N	400N	400N
Tilt angle max	3°	3°	3°
Wind speed allowed max	12.5m/s	12.5m/s	12.5m/s
Gradeability	30%	30%	25%
Height-stowed	2.00m	2.00m	2.60m
Length-stowed	5.20m/6.20m	5.50m/6.50m	8.00m/8.80m
Width-stowed	1.75m	1.75m	2.50m
Wheelbase	2.00m	2.00m	2.85m
Ground clearance	0.14m	0.14m	0.30m
Hydraulic tank capacity	35L	35L	110L
Total weight	6.3T/7.3T	6.6T/7.5T	9.0T/9.5T

Model	HZ140 RT/HZ140J RT	HZ160 RT/HZ160J RT	HZ200 RT/HZ200J RT	HZ260 RT/HZ260J RT
Lift capacity max	230kg	230kg	230kg	230kg
Working height max	14.00m	16.00m	20.00m	26.00m
Working platform height max	12.00m	14.00m	18.00m	24.00m
Working platform outreach max	7.50m	8.00m	12.00m	15.00m
Across height max	6.50m	7.00m	8.00m	10.00m
Turntable rotation	360 successive	360 successive	360 successive	360 successive
Drive speed, stowed	5.5km/h (7.0km/h 4wd)	5.5km/h (7.0km/h 4wd)	4.8km/h	4.8km/h
Drive speed, extended	1.0km/h	1.0km/h	1.0km/h	1.0km/h
Platform rotation	180°	180°	180°	180°
Boom swing	0/140°	0/140°	0/140°	0/140°
Platform size	1.8m x 0.76m x 1.1m	1.8m x 0.76m x 1.1m	1.8m x 0.76m x 1.1m	1.8m x 0.76m x 1.1m
Leveling platform	Hydraulic level	Hydraulic level	Hydraulic level	Hydraulic level
Drive wheels number	2 (4 /4WD)	2 (4 /4WD)	2 (4 /4WD)	2 (4 /4WD)
Steering wheel number	2	2	2	2
Drive	Direl motor	Direl motor	Direl motor	Direl motor
System voltage	DC12V	DC12V	DC12V	DC12V
Tire size	33*12-20	33*12-20	355/55D-625	355/55D-625
Controls	Electrical proportional control	Electrical proportional control	Electrical proportional control	Electrical proportional control
Turning radius-(outside)	3.70m	4.00m	6.00m	6.80m
Turning radius-(inside)	1.30m	1.50m	3.10m	3.60m
Turntable tailswing	0	0	0	0
Maximum lateral force	400N	400N	400N	400N
Tilt angle max	3°	3°	3°	3°
Wind speed allowed max	12.5m/s	12.5m/s	12.5m/s	12.5m/s
Gradeability	30% (45%4WD)	30% (45%4WD)	30% (45%4WD)	30% (45%4WD)
Height-stowed	2.30m	2.30m	2.60m	2.90m
Length-stowed	5.20m/6.20m	5.50m/6.50m	8.00m/8.80m	10.50m/11.00m
Width-stowed	2.00m	2.00m	2.50m	2.50m
Wheelbase	2.00m	2.00m	2.80m	2.80m
Ground clearance	0.36m	0.36m	0.30m	0.30m
Hydraulic tank capacity	110L	110L	110L	120L
Fuel tank capacity	65L	65L	85L	150L
Total weight	6.3T/7.3T	6.6T/7.5T	9.0T/9.5T	15.0T/15.5T



SERIES TRUCK MOUNTED PLATFORMS

Wherever and whenever

High mobility and operation performance without geographical and space limitation



Mantall truck mounted platforms can be easily moved, boom can extend flexible and the platform can be extended across the obstruction and so on.

Mantall truck mounted platforms widely used in Electricity, Communication, Streetlights, Firefighting, Boat construction, Garden, Advertisement, Photography, Highway, Oil, Institutions, Airport, Industry and so on.



A variety of individual choice

Mantall S series supply personalization options, no matter the drive function, platform size, platform components, poor environment and so on...

Mantall can help you achieve the aspirations.



Flexible and accurate positioning

Mantall S series turntable 360 degrees rotation, lifting arm can extend a maximum of 14.5 metres, the platform can be rotated 180 degrees, work location and perfect service, easily transferred across the barrier.



Model	S1470C	S1770C	S2110C	S2512C	S2815C
Working height (m)	14.35	17.20	20.00	24.80	27.80
Platform height (m)	12.35	15.20	18.00	22.80	25.80
Outreach max (m)	7.00	7.40	10.00	12.50	14.50
Turntable rotation*	360	360	360	360	360
Lift capacity (kg)	200	220	220	220	220
Platform rotation*	180	180	180	180	180
Platform size (mm)	1250×710×1100	1400×700×1100	1400×700×1100	1700×700×1100	1700×700×1100
Height-stowed (mm)	2900	2400	2400	2590	2920
Length-stowed (mm)	4950	5790	5790	7700	6900
Width-stowed (mm)	2100	2100	2100	2200	2200
Controls	Electrical proportional control				
Outriggers type	Hydraulic				
Articulating type	Steel single quads type		Steel dual quads type		
Chassis specification	3.5T	3.5T	3.5T	6T	6T

XEM SERIES

MOBILE ELECTRIC SCISSOR LIFT

Economical and convenient

Mantall mobile scissor lift uses steel structure design, big capacity, the maximum capacity can up to 1000 kg, and can rise to the highest with 18m, it applies to equipment installation, maintenance and cleaning work, wild electrical facilities, High-altitude pipeline framing, crane maintenance and so on.

Auxiliary drive makes moving more easily

Mantall mobile scissor lift platform is designed with multiple-choice, including battery power source. It can be used in the wild or the environment without power supply. Auxiliary drive makes the equipment moved easily, and can be moved and operated just by one person, that reduce the labor costs greatly.



Mobile Scissor Lift

Model	XE-M50S	XE-M80S	XE-M95S	XE-M110S	XE-M130S	XE-M140S	XE-M160S	XE-M180S	XE-M80H	XE-M110H	XE-M140H
Working height max (m)	5	8	9.45	11	13	14	16	18	8	11	14
Platform height max (m)	3	6	7.45	9	11	12	14	16	6	9	12
Lift capacity (KG)	450	450	450	450	450	450	450	300	1000	1000	1000
Platform Size (mm)	1300*700	1850*880	1900*1000	1800*1000	2100*1150	2450*1350	2450*1350	2700*1500	1800*1000	1800*1250	2450*1350
Stair Size (mm)	1350*940*800	1900*1120*750	1950*1240*1500	1850*1240*1650	2150*1390*1850	2450*1590*1950	2500*1590*2000	2750*1740*2000	1850*1240*1100	1850*1490*1650	2500*1590*1850
Raised time (s)	30	54	72	80	88	90	120	130	80	108	128
Power (KW)	0.75	1.1	1.5	1.5	2.2	3	3	3	2.2	3	3
Power source	AC220V/380V										
Weight (KG)	450	650	1100	1260	1380	1850	2150	2680	950	1680	2100
Tires	Φ250 Solid tires		Φ400-8 Pneumatic tires			Φ500-8 Pneumatic tires					

Auxiliary Drive Scissor Lift

Model	XE-A50S	XE-A80S	XE-A95S	XE-A110S	XE-A130S	XE-A140S	XE-A160S	XE-A180H	XE-A80H	XE-A110H	XE-A140H
Working height max (m)	5	8	9.5	11	13	14	16	18	8	11	14
Platform height max (m)	3	6	7.5	9	11	12	14	16	6	9	12
Lift capacity (KG)	450	450	450	450	450	450	450	300	1000	1000	1000
Platform Size (mm)	1300*700	1850*880	1800*1000	1800*1000	2100*1150	2450*1350	2450*1350	2750*1500	1800*1000	1800*1250	2450*1350
Stair Size (mm)	1350*940*800	2100*1240*1500	2100*1240*1650	2400*1390*1850	2400*1590*1850	2750*1590*2000	2750*1740*2000	3150*1740*2000	1850*1240*1100	1850*1490*1650	2500*1590*1850
Raised time (s)	30	49	65	82	92	102	118	130	80	108	128
Traction speed (m/s)	0-16.7	0-16.8	0-16.8	0-16.8	0-16.8	0-16.8	0-16.8	0-16.8	0-16.8	0-16.8	0-16.8
Power source	DC-24V	DC-24V	DC-24V	DC-24V	DC-24V	DC-24V	DC-24V	DC-24V	DC-24V	DC-24V	DC-24V
Lifting motor power (kw)	2.2	2.2	2.2	2.2	3	3	2.2*2	2.2*2	3	3	2.2*2
Driving motor power (kw)	0.75	0.75	0.75	0.75	0.75	0.75	1.2	1.2	0.75	1.2	1.2
Weight (KG)	540	740	950	1260	1480	2000	2180	2900	960	1850	2260



Customized Solutions

Mantall not only to provide you with professional standard products, but also to provide users with professional customized products and solutions. Meet the needs of users is the ultimate goal of our service.



Outdoor emergency communication lifting rod



Fixed marine fuel crank articulating booms, Refueling with custom crank-type aerial work platform



A variety of customized aerial work platform for loading and unloading platform, stage and others

Mantall provides you with all kinds of customized components, including:



Color customization



Platform with different size



Different outriggers



Different chassis

Mantall provides you with all kinds of customized components, including:

Platform tool box/tray
Platform working light
Multiple types of tires
Anti-collision components

Air line to the platform
Motion alarm/light
Platform locator

Top limit protection auto-stop device
Multiple power sources
Auxiliary drive