

# WORK PLATFORM SERIES

**REDOC**

SCISSOR / ALUMINIUM  
WORK PLATFORM

3-20M



*Thinking & Lifting the Future !*

**REDOC**

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**REDDOT EQUIPMENT CENTER**



# SP5

TINY  
SCISSOR  
WORK  
PLATFORM  
3-3.9M



MODEL		SP5	SP5.9
<b>BASIC-FEATURES</b>			
Lift Rated Capacity	Kg	300	300
Net Weight	Kg	360	420
<b>DIMENSIONS</b>			
Max.Platform Height	mm	3000	3900
Min.Platform Height	mm	630	700
Overall Length	mm	1300	1300
Overall Width	mm	740	740
Overall Height	mm	1650	1750
Platform Size	mm	1170×600	1170×600
<b>PROPERTY</b>			
Rising/Falling Time	s	33/30	33/30
<b>ELECTRIC</b>			
Lift Motor	V/Kw	12/0.8	12/0.8
Battery	V/Ah	12/60	12/60
Charger	V/A	12/10	12/10



# SPE5

TINY  
SELF-PROPELLED  
SCISSOR  
WORK  
PLATFORM  
3-3.9M

MODEL		SPE5	SPE5.9
<b>BASIC-FEATURES</b>			
Lift Rated Capacity	Kg	300	300
Net Weight	Kg	490	600
<b>WHEELS</b>			
Driving Wheel	mm	Φ230×80	Φ230×80
Front Wheel	mm	Φ150×60	Φ150×60
Wheel Base	mm	990	990
<b>DIMENSIONS</b>			
Max.Platform Height	mm	3000	3900
Max.Working Height	mm	5000	5000
Overall Length	mm	1180	1180
Overall Width	mm	760	760
Overall Height	mm	1830	1830
Platform Size	mm	1170×600	1170×600
Ground Clearance	mm	60	60
Min.Turning Radius	mm	1200	1200
<b>PROPERTY</b>			
Travel Speed (Platform Slowed)	km/h	4	4
Travel Speed (Platform Elevated)	km/h	0.8	0.8
Rising/Falling Time	s	20/30	20/30
Gradeability	%	10-15	10-15
Max.Working Allowable Angle		2°	2°
<b>ELECTRIC</b>			
Lift Motor	V/Kw	24/0.8	24/0.8
Drive Motor	V/Kw	2×24/0.4	2×24/0.4
Battery	V/Ah	2×12/60	2×12/60
Charger	V/A	24/10	24/10



# SPH5

TINY HYDRAULIC  
SELF-PROPELLED  
SCISSOR  
WORK  
PLATFORM  
3-3.9M

MODEL		SPH5	SPH5.9
<b>BASIC-FEATURES</b>			
Lift Rated Capacity	Kg	300	300
Net Weight	Kg	650	700
<b>WHEELS</b>			
Driving Wheel	mm	Φ230×80	Φ230×80
Front Wheel	mm	Φ230×80	Φ230×80
Wheel Base	mm	1010	1010
<b>DIMENSIONS</b>			
Max.Platform Height	mm	3000	3900
Max.Working Height	mm	5000	5900
Overall Length	mm	1340/1250	1340/1250
Overall Width	mm	760	760
Overall Height	mm	1830	1930
Platform Size	mm	1170×600	1170×600
Ground Clearance	mm	60	60
Min.Turning Radius	mm	1400	1400
<b>PROPERTY</b>			
Travel Speed (Platform Slowed)	km/h	4	4
Travel Speed (Platform Elevated)	km/h	0.8	0.8
Rising/Falling Time	s	20/30	20/30
Gradeability	%	10-15	10-15
Max.Working Allowable Angle		2°	2°
<b>ELECTRIC</b>			
Lift Motor	V/Kw	24/1.2	24/1.2
Drive Motor	V/Kw	2×24/0.4	2×24/0.4
Battery	V/Ah	2×12/60	2×12/60
Charger	V/A	24/10	24/10



# SP8

SCISSOR  
WORK  
PLATFORM  
6-14M



MODEL		SP8	SP11	SP13	SP14	SP16
<b>BASIC-FEATURES</b>						
Lift Rated Capacity	Kg	500	500	500	500	500
Net Weight	Kg	850	1390	1600	2310	2700
Tyre		4.00-8 pneumatic tyre		5.00-8 pneumatic tyre		
<b>DIMENSIONS</b>						
Max.Platform Height	mm	6000	9000	11000	12000	14000
Max.Working Height	mm	8000	11000	13000	14000	16000
Overall Length	mm	1950	1950	2250	2600	2600
Overall Width	mm	1080	1200	1350	1550	1550
Overall Height	mm	1200	1660	1690	1800	1980
Platform Size	mm	1800×880	1800×1000	2100×1150	2450×1350	2450×1350
Guardrail Height	mm	1100	1100	1100	1100	1100
<b>PROPERTY</b>						
Rising/Falling Time	s	50/45	95/80	105/95	125/110	125/110
<b>ELECTRIC</b>						
Lift Motor	Kw	1.5	1.5	1.5	2.2	2.2
AC Power	V	380(three-phase)				
<b>OPTIONAL</b>						
Extension Platform Size	mm	800	800	800	1000	1000
Extension Platform Rated Capacity	Kg	113	113	113	113	113
DC Lift Motor	V/Kw	24/2.2	24/2.2	24/3	24/3	48/3
DC Battery	V/Ah	2×12/100	2×12/120	2×12/120	2×12/150	4×12/120
DC Charger	V/A	24/15	24/20	24/20	24/20	48/20

\*Note: AC input power is standard, DC power with battery is optional.



# SPH6

**HYDRAULIC  
SELF-PROPELLED  
SCISSOR  
WORK  
PLATFORM  
4.5-13.6M**

MODEL		SPH6	SPH7	SPH8S	SPH10S	SPH8	SPH10	SPH12	SPH14	SPH16
<b>BASIC-FEATURES</b>										
Lift Rated Capacity	Kg	320	230	380	230	450	450	320	320	230
Lift Extend Capacity	Kg	113	113	113	113	113	113	113	113	113
Net Weight ± 30	Kg	1315	1435	2085	2180	2230	2370	2810	3040	3240
Tyre		Non-mark Tyres								
<b>DIMENSIONS</b>										
Max.Platform Height	mm	4500	5800	6000	8000	6000	8000	10000	11800	13600
Max.Working Height	mm	6500	7800	8000	10000	8000	10000	12000	13800	15600
Overall Length	mm	1890	1890	2480	2480	2480	2480	2480	2480	2845
Overall Width	mm	810	810	820	820	1150	1150	1150	1150	1400
Overall Height	mm	2070	2190	2230	2320	2230	2320	2500	2650	2635
Height With Rails Folded	mm	1730	1840	1870	2000	1660	1770	1910	2050	2030
Platform Size	mm	1680×770	1680×770	2270×820	2270×820	2270×1140	2270×1140	2270×1140	2270×1140	1640×1140
Platform Extend Size	mm	900	900	900	900	900	900	900	900	900
Ground Clearance	mm	83	83	100	100	100	100	100	100	100
Turning Radius Inside	mm	16	16	20	20	20	20	20	20	16
Turning Radius Outside	mm	1640	1640	2100	2100	2200	2200	2200	2200	2700
<b>PROPERTY</b>										
Travel Speed	km/h	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.7
Rising Time	s	14±2	16±2	25±2	30±2	25±2	30±2	45±3	60±5	70±5
Falling Time	s	20±4	23±4	35±4	40±4	35±5	50±5	40±5	50±7	50±7
Max.Slope	°	1.5/3	1.5/3	1.5/3	1.5/3	1.5/3	1.5/3	1.5/3	1.5/3	1.5/3
Gradeability	%	25	25	25	25	25	25	25	25	25
Working Area		inside/outside ≤45km/h (28mph)wind			inside 0km/h (0mph) wind	inside/outside ≤45km/h (28mph)wind			inside 0km/h (0mph) wind	
<b>ELECTRIC</b>										
Motor	V/Kw	24/3.3	24/3.3	24/3.3	24/3.3	24/3.3	24/3.3	24/3.3	24/3.3	24/3.3
Battery	V/Ah	24/200	24/200	24/200	24/200	24/200	24/200	24/200	24/200	24/200
Charger	V/A	24/30	24/30	24/30	24/30	24/30	24/30	24/30	24/30	24/30



# SE

SELF-PROPELLED  
SCISSOR  
WORK  
PLATFORM  
5.8-13.7M

MODEL		SE8C	SE8N	SE10N	SE10	SE12	SE14	SE16
<b>BASIC-FEATURES</b>								
Lift Rated Capacity	Kg	230	380	230	450	320	320	200
Lift Extend Capacity	Kg	113	113	113	113	113	113	113
Net Weight ± 30	Kg	1510	2160	2275	2655	2990	2925	3375
Tyre		Non-mark Tyres						
<b>DIMENSIONS</b>								
Max.Platform Height	mm	5800	6000	8000	8000	10000	12000	13700
Max.Working Height	mm	7800	8000	10000	10000	12000	14000	15700
Overall Length	mm	1885	2480	2480	2480	2480	2480	2840
Overall Width	mm	760	810	810	1150	1150	1150	1250
Overall Height	mm	2180	2240	2360	2320	2440	2580	2580
Height With Rails Folded	mm	1780	1810	1930	1780	1920	2040	2170
Platform Size	mm	1670×740	2270×810	2270×810	2270×1120	2270×1120	2270×1120	2640×1020
Platform Extend Size	mm	900	900	900	900	900	900	900
Ground Clearance	mm	70	100	100	100	100	100	100
Turning Radius Outside	mm	1750	2200	2200	2500	2500	2500	2500
<b>PROPERTY</b>								
Travel Speed	km/h	4.5	4	4	4	4	4	4
Rising Time	s	23	32	32	27	48	80	70
Falling Time	s	32	35	35	36	48	60	52
Max.Slope	°	1.5/3	2/3	1.5/3	2/3	2/3	1.5/3	1.5/3
Gradeability	%	25	25	25	25	25	25	25
<b>ELECTRIC</b>								
Lift Motor	V/Kw	24/2.0	24/3.3	24/3.3	24/4.5	24/4.5	24/4.5	24/4.5
Battery	V/Ah	4×6/220	4×6/232	4×6/232	4×6/232	4×6/232	4×6/280	4×12/310
Charger	V/A	24/30	24/30	24/30	24/30	24/30	24/30	24/30



# SH

HYDRAULIC  
SELF-PROPELLED  
SCISSOR  
WORK  
PLATFORM  
5.8-13.7M

MODEL		SH8C	SH8N	SH10N	SH10	SH12	SH14	SH16
<b>BASIC-FEATURES</b>								
Lift Rated Capacity	Kg	230	380	230	450	320	320	200
Lift Extend Capacity	Kg	113	113	113	113	113	113	113
Net Weight ± 30	Kg	1485	2160	2275	2655	2990	2925	3375
Tyre		Non-mark Tyres						
<b>DIMENSIONS</b>								
Max.Platform Height	mm	5800	6000	8000	8000	10000	12000	13700
Max.Working Height	mm	7800	8000	10000	10000	12000	14000	15700
Overall Length	mm	1885	2480	2480	2480	2480	2480	2840
Overall Width	mm	760	810	810	1150	1150	1150	1250
Overall Height	mm	2180	2240	2360	2320	2440	2580	2580
Height With Rails Folded	mm	1780	1810	1930	1780	1920	2040	2170
Platform Size	mm	1670×740	2270×810	2270×810	2270×1120	2270×1120	2270×1120	2640×1020
Platform Extend Size	mm	900	900	900	900	900	900	900
Ground Clearance	mm	70	100	100	100	100	100	100
Turning Radius Outside	mm	1750	2200	2200	2500	2500	2500	2500
<b>PROPERTY</b>								
Travel Speed	km/h	3.8	3.2	3.2	3.2	3.2	3.2	3.2
Rising Time	s	20	32	32	27	48	80	70
Falling Time	s	32	35	35	36	48	60	52
Max.Slope	°	1.5/3	2/3	1.5/3	2/3	2/3	1.5/3	1.5/3
Gradeability	%	25	25	25	25	25	25	25
<b>ELECTRIC</b>								
Lift Motor	V/Kw	24/3.0	24/3.3	24/3.3	24/4.5	24/4.5	24/4.5	24/4.5
Battery	V/Ah	4×6/220	4×6/232	4×6/232	4×6/232	4×6/232	4×6/280	4×12/310
Charger	V/A	24/30	24/30	24/30	24/30	24/30	24/30	24/30





# BM

ARTICULATING  
BOOMS  
9.95-18.8M

MODEL		BM12	BM17	BM17C	BM21A
<b>BASIC FEATURES</b>					
Load Capacity	Kg	200	200	230	255(350)
Net Weight	Kg	6550	7030	7130	9300
<b>WHEELS</b>					
Tires	mm	600×190	600×190	730×225	315×55
Wheel Steer		2	2	2	2
Wheel Drive		2	2	2	4
<b>DIMENSIONS</b>					
Max.Platform Height	mm	9950	14750	14950	18800
Max.Working Height	mm	11950	16750	16950	20800
Horizontal Height	mm	7000	9430	9430	11450
Up And Over Height	mm	4770	7160	7300	8280
Length	mm	5480	6840	6900	8630
Length(Storage)	mm	3740	5400	5400	8630
Width	mm	1220	1750	1750	2490
Height	mm	1990	2090	2150	2430
Height(Storage)	mm	2160	2090	2150	2430
Wheel Base	mm	1650	2000	2000	2500
Basket Size	mm	1200×770	1200×770	1200×770	2200×800
Turning Radius Inside	mm	1550	2000	2000	2050
Turning Radius Outside	mm	3250	4300	4300	5250
Ground Clearance	mm	100	150	200	310
<b>PROPERTY</b>					
Drive Speed	km/h	6.0	4.5	6.1	6.1
Working Speed	km/h	0.6	0.6	0.6	0.8
Jib Movement		±70°	±70°	±70°	70°/-60°
Basket Rotation		140°	140°	140°	180°
Turret Rotation		350°	355°	355°	360°
Gradeability	%	25	22	30	40
Max.Slope Acceptable		3°/5%	3°/5%	3°/5%	5°
<b>ELECTRIC</b>					
Lift Motor	V/Kw	48/3.7	48/3.7	48/3.7	48/6
Drive Motor	V/Kw	2x48/4.5(DC)	2x48/3.3(DC)	2x48/3.3(AC)	2x48/3.3(AC)
Battery	V/Ah	2x24/300	2x24/300	2x24/300	2x48/375
Charger	V/A	48/35	48/35	48/35	48/60

\*Note: BM17C is suitable for working outside. Options:1. Electric AC plug. 2. Working lights etc.



# AWPS

SINGLE MAST  
ALUMINIUM  
WORK  
PLATFORM  
6-10M



MODEL		AWP8S	AWP10S	AWP12S
<b>BASIC-FEATURES</b>				
Lift Rated Capacity	Kg	150	125	125
Net Weight	Kg	265	290	350
<b>DIMENSIONS</b>				
Max.Platform Height	mm	6000	8000	10000
Max.Working Height	mm	8000	10000	12000
Platform Size	mm	640×580	640×580	640×580
Overall Length	mm	1280	1280	1450
Platform Width	mm	800	800	850
Overall Height	mm	1650	1980	1980
<b>ELECTRIC</b>				
Lift Motor	V/Kw	220/0.75	220/0.75	220/0.75
AC Power	V		220(single-phase)	
<b>OPTIONAL</b>				
DC Lift Motor	V/Kw	24/0.8	24/0.8	24/0.8
DC Battery	V/Ah	24/80	24/80	24/80

\*Note: AC input power is standard, DC power with battery is optional.



# AWPD

DOUBLE MAST  
ALUMINIUM  
WORK  
PLATFORM  
6-10M



MODEL		AWP8D	AWP10D	AWP12D
<b>BASIC-FEATURES</b>				
Lift Rated Capacity	Kg	200	200	200
Net Weight	Kg	400	470	540
<b>DIMENSIONS</b>				
Max.Platform Height	mm	6000	8000	10000
Max.Working Height	mm	8000	10000	12000
Platform Size	mm	1120×600	1200×600	1340×600
Overall Length	mm	1300	1360	1500
Platform Width	mm	800	850	900
Overall Height	mm	1650	1980	2040
<b>ELECTRIC</b>				
Lift Motor	V/Kw	220/1.1	220/1.1	220/1.1
AC Power	V		220(single-phase)	
<b>OPTIONAL</b>				
DC Lift Motor	V/Kw	24/0.8	24/0.8	24/0.8
DC Battery	V/Ah	24/80	24/80	24/80

\*Note: AC input power is standard, DC power with battery is optional.



# AWPT AWPF AWPX

3/4/6 MAST  
ALUMINIUM  
WORK  
PLATFORM  
13-20M

MODEL		AWP15T	AWP16T	AWP17T
<b>BASIC-FEATURES</b>		<b>3-MAST</b>	<b>3-MAST</b>	<b>3-MAST</b>
Lift Rated Capacity	Kg	200	200	200
Net Weight	Kg	900	1000	1000
<b>DIMENSIONS</b>				
Max.Platform Height	mm	13000	14000	15000
Max.Working Height	mm	15000	16000	17000
Platform Size	mm	1560×800	1560×800	1560×850
Overall Length	mm	2000	2000	2200
Platform Width	mm	1250	1250	1250
Overall Height	mm	2050	2450	2450
<b>ELECTRIC</b>				
Lift Motor	V/Kw	220/1.5	220/1.5	220/1.5
AC Power	V	220	220	220

MODEL		AWP18F	AWP20F	AWP20X	AWP22X
<b>BASIC-FEATURES</b>		<b>4-MAST</b>	<b>4-MAST</b>	<b>6-MAST</b>	<b>6-MAST</b>
Lift Rated Capacity	Kg	200	200	150	150
Net Weight	Kg	1500	1600	1700	1800
<b>DIMENSIONS</b>					
Max.Platform Height	mm	16000	18000	18000	20000
Max.Working Height	mm	18000	20000	20000	22000
Platform Size	mm	1600×850	1600×850	1360×900	1360×900
Overall Length	mm	2200	2450	2300	2450
Platform Width	mm	1250	1250	1300	1300
Overall Height	mm	2450	2750	2450	2450
<b>ELECTRIC</b>					
Lift Motor	V/Kw	220/1.5	220/1.5	220/1.5+1.1	220/1.5+1.1
AC Power	V	220	220	220	220