

**DFLIFT**

# **DIESEL TYPE-ARTICULATED BOOM LIFT**

**RZ 16/18/20/22/26/28/32/40/47/56**

**Comply with CE/ISO Standard**



## **STANDARD FEATURES**

Horn
All motion alarm
Proportional control
Self-closing entry gate
Flashing beacon
Auto-leveling system
Emergency stop button
Over tilt protection system
Emergency descent system
On-board diagnostic system
Oscillating axle
Load sensing system
AC power to platform

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# DIESEL TYPE-ARTICULATED BOOM LIFT

## TECHNICAL DATA (RZ 16/18/20)

Model	RZ16		RZ18		RZ20	
Size						
	Metric(m)	Imperial	Metric(m)	Imperial	Metric(m)	Imperial
Working height (Max.)	16.7	54'9"	18	59'1"	19	62'4"
Platform height (Max.)	14.7	48'3"	16	52'6"	18.2	59'9"
Horizontal outreach (Max.)	8.1	26'7"	9.55	31'4"	11.6	38'1"
Up& over clearance (Max.)	8.25	27'1"	8.25	27'1"	8.3	27'3"
Platform dimensions (L*W)	1.83x0.76	6'x2'6"	1.83x0.76	6'x2'6"	1.83x0.76	6'x2'6"
Length (stowed)	6.72	22'1"	7.26	23'10"	8.23	27'0"
Width (stowed)	2.28	7'6"	2.28	7'6"	2.38	7'10"
Height (stowed)	2.47	8'1"	2.4	7'10"	2.5	8'2"
Wheelbase	2.5	8'2"	2.5	8'2"	2.5	8'2"
Ground clearance (center)	0.4	1'4"	0.4	1'4"	0.4	1'4"
Turning radius (inside)	1.87	6'2"	1.87	6'2"	1.82	5'12"
Turning radius (outside)	4.8	15'9"	4.8	15'9"	4.85	15'11"
Performance						
Lift capacity (Max.)	kg	230kg (507lbs)	230kg (508lbs)	230kg (509lbs)		
Platform occupancy (Max.)		2	2	2		
Platform rotation		±90°	±90°	±90°		
Vertical jib rotation		135°	135°	135°		
Turntable rotation		355°	355°	355°		
Drive speed (stowed)	km/h	4.2	4.2	4.2		
Drive speed (raised)	km/h	0.8	0.8	1.1		
Gradeability		45°	45°	45°		
Working slope (Max.)		5°	5°	5°		
Drive & steer mode		4x4x2	4x4x2	4x4x2		
Tire type		33x12-20	33x12-20	33x12-20		
Power						
Engine Power	kW	About 36kw @2200rpm~2600rpm	About 36kW @2200rpm~2600rpm	About 36kW @2200rpm~2600rpm		
Fuel tank capacity	L	100	100	100		
Hydraulic tank capacity	L	110	110	110		
Control voltage	V	12	12	12		
Weight	kg	8050kg (17747lbs)	8100kg (17857lbs)	8800kg (19401lbs)		
Standards Compliance	EN280:2022 GB25849-2010					



# DIESEL TYPE-ARTICULATED BOOM LIFT

## TECHNICAL DATA (RZ 22/26/28/32/40/47/56)

Model	RZ22		RZ26		RZ28	
<b>Size</b>						
	Metric(m)	Imperial	Metric(m)	Imperial	Metric(m)	Imperial
Working height (Max.)	22	72'2"	26.2	85'11"	28	91'10"
Platform height (Max.)	20	65'7"	24.2	79'5"	26	85'4"
Horizontal outreach (Max.)	12	39'4"	15.4	50'6"	17.28	56'8"
Up& over clearance (Max.)	9.4	30'10"	10.2	33'6"	10.2	33'6"
Platform dimensions (L*W)	1.83x0.76	6'x 2'6"	2.44x0.91	8'x2'12"	2.44x0.91	8'x2'12"
Length (stowed)	8.54	28'0"	10.65	34'11"	11.7	38'5"
Width (stowed)	2.38	7'10"	2.48	8'2"	2.58	8'6"
Height (stowed)	2.55	8'4"	2.85	9'4"	2.97	9'9"
Wheelbase	2.5	8'2"	3	9'10"	3	9'10"
Ground clearance (center)	0.4	1'4"	0.4	1'4"	0.43	1'5"
Turning radius (inside)	2.66	8'9"	1.75	5'9"	2.6	8'6"
Turning radius (outside)	5.66	18'7"	4.87	15'12"	6.1	20'
<b>Performance</b>						
Lift capacity (Max.)	kg	230kg (510lbs)	230kg (511lbs)		230kg (512lbs)	
Platform occupancy (Max.)		2	2		2	
Platform rotation		±90°	±90°		±90°	
Vertical jib rotation		135°	135°		135°	
Turntable rotation		360°Continuous	360°Continuous		360°Continuous	
Drive speed (stowed)	km/h	4.2	4.2		4.2	
Drive speed (raised)	km/h	1.1	1.1		1.1	
Gradeability		45°	45°		40°	
Working slope (Max.)		5°	5°		5°	
Drive & steer mode		4x4x2	4x4x2		4x4x2	
Tire type		33x12-20	36x14-20		385/65-22.5	
<b>Power</b>						
Engine Power	kW	About 36kW @2200rpm~2600rpm	About 36kW @2200rpm~2600rpm		About 36kW @2200rpm~2600rpm	
Fuel tank capacity	L	100	110		110	
Hydraulic tank capacity	L	160	160		160	
Control voltage	V	12	12		12	
Weight	kg	9500kg (20944lbs)	15870kg (33987lbs)		17000kg (37479lbs)	

Model	RZ32		RZ40		RZ47		RZ56	
Size								
	Metric(m)	Imperial	Metric(m)	Imperial	Metric(m)	Imperial	Metric(m)	Imperial
Working height (Max.)	32	104'12"	40.1	131'7"	47.5	155'10"	55.8	183'1"
Platform height (Max.)	30	98'5"	38.1	125'0"	45.5	149'3"	53.8	176'6"
Horizontal outreach (Max.)	19	62'4"	21.6	70'10"	23	75'6"	25	82'0"
Up & over clearance (Max.)	12.2	40'0"	19.5	63'12"	19.5	63'12"	20	65'7"
Platform dimensions (L*W)	2.44x0.91	8'x2'12"	2.44x0.91	8'x2'12"	2.44x0.91	8'x2'12"	2.44x0.91	8'x2'12"
Stowed length(jib stowed)	10.5	34'5"	11.46	37'7"	11.6	38'1"	12	39'4"
Stowed length(jib extended)	13.1	42'12"	14.2	46'7"	14.7	48'3"	15.06	49'5"
Width (axle retracted)	2.49	8'2"	2.49	8'2"	2.49	8'2"	2.49	8'2"
Width (axle extended)	/	/	4.1	13'5"	5.1	16'9"	5.1	16'9"
Height(stowed)	3.22	10'7"	3.17	10'5"	3.17	10'5"	3.4	11'2"
Wheelbase	3.3	10'10"	3.96	12'12"	5.6	18'4"	5.6	18'4"
Ground clearance(center)	0.4	1'4"	0.43	1'5"	0.4	1'4"	0.4	1'4"
Turning radius (inside,axle retracted)	/	/	4.14	13'7"	7.6	24'11"	7.6	24'11"
Turning radius (inside,axle extended)	2.6	8'6"	3.13	10'3"	3.13	10'3"	2.69	8'10"
Turning radius (outside,axle retracted)	/	/	7.2	23'7"	10	32'10"	10	32'10"
Turning radius (outside,axle extended)	6.1	20'0"	6.5	21'4"	7.07	23'2"	7.07	23'2"
Performance								
Lift capacity (Max.)	kg	480kg (1058lbs)	480kg (1058lbs)	480kg (1058lbs)	480kg (1058lbs)	480kg (1058lbs)	480kg (1058lbs)	480kg (1058lbs)
Lift capacity (non-restricted)	kg	230kg (507lbs)	230kg (507lbs)	230kg (507lbs)	230kg (507lbs)	230kg (507lbs)	230kg (507lbs)	230kg (507lbs)
Platform occupancy (Max.)		2	2	2	2	2	2	2
Platform rotation		±90°	±90°	±90°	±90°	±90°	±90°	±90°
Vertical jib rotation		140°	140°	140°	140°	140°	140°	140°
Turntable rotation		360° Continuous	360° Continuous	360° Continuous	360° Continuous	360° Continuous	360° Continuous	360° Continuous
Drive speed (stowed)	km/h	4.4	4.4	4.4	4.4	4.4	4.4	4.4
Drive speed (raised)	km/h	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Gradeability		40°	40°	40°	40°	40°	40°	40°
Working slope (Max.)		5°	5°	5°	5°	5°	5°	5°
Drive & steer mode		4x4x4	4x4x4	4x4x4	4x4x4	4x4x4	4x4x4	4x4x4
Tire type		385/65-22.5	385/65-22.5	445/65-22.5	445/65-22.5	445/65-22.5	445/65-22.5	445/65-22.5
Power								
Engine Power	kW	About 54kW @2400rpm	About 54kW @2400rpm	About 81kW @2400rpm	About 81kW @2400rpm	About 81kW @2400rpm	About 81kW @2400rpm	About 81kW @2400rpm
Fuel tank capacity	L	151	151	200	200	200	200	200
Hydraulic tank capacity	L	250	250	250	250	250	250	250
Control voltage	V	12	12	24	24	24	24	24
Weight	kg	19000kg (41888lbs)	24500kg (54013lbs)	26500kg (58422lbs)	26500kg (58422lbs)	26500kg (58422lbs)	29800kg (65700lbs)	29800kg (65700lbs)
Standards Compliance	EN280:2022 GB25849-2010							