

DFLIFT

DIESEL TYPE-TELESCOPIC BOOM LIFT

RL 16/20/30/34/40/44/48/63

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-TELESCOPIC BOOM LIFT

TECHNICAL DATA (RL 16/20/30/34/40/44/48/63)

Model	RL16		RL20		RL30		RL34	
Size								
	Metric(m)	Imperial	Metric(m)	Imperial	Metric(m)	Imperial	Metric(m)	Imperial
Working height (Max.)	16	52'6"	20	65'7"	30	98'5"	34	111'7"
Platform height (Max.)	14	45'11"	18	59'1"	28	91'10"	32	104'12"
Horizontal outreach (Max.)	12.6	41'4"	15	49'3"	20.6	67'7"	20	65'7"
Platform dimensions (L*W)	1.83x0.76	6'x2'6"	2.44x0.91	8'x2'12"	2.44x0.91	8'x2'12"	2.44x0.91	8'x2'12"
Length (stowed)	8.55	28'1"	9.07	29'9"	12.79	41'12"	12.6	41'4"
Width (stowed)	2.28	7'6"	2.38	7'10"	2.58	8'6"	2.58	8'6"
Height (stowed)	2.63	8'8"	2.58	8'6"	2.87	9'5"	2.95	9'8"
Wheelbase	2.4	7'10"	2.4	7'10"	3	9'10"	3	9'10"
Ground clearance (center)	0.42	1'5"	0.41	1'4"	0.43	1'5"	0.43	1'5"
Turning radius (inside)	1.87	6'2"	2.6	8'6"	3.59	11'9"	3.59	11'9"
Turning radius (outside)	4.9	16'1"	5.66	18'7"	5.95	19'6"	5.95	19'6"
Performance								
Lift capacity (Max.)	kg	230kg (507lbs)	230kg (508lbs)		300/480kg (661/1058lbs)		300/480kg (661/1058lbs)	
Platform occupancy (Max.)	kg	2	2		2		2	
Platform rotation		±90°	±90°		±90°		±90°	
Vertical jib rotation		135°	135°		135°		135°	
Turntable rotation		355°	355°		360°Continuous		360°Continuous	
Drive speed (stowed)	km/h	4.4	4.4		5		5	
Drive speed (raised)	km/h	1.1	1.1		1.1		1.1	
Gradeability		45°	45°		45°		45°	
Working slope (Max.)		5°	5°		5°		5°	
Drive & steer mode		4x4x2	4x4x2		4x4x2		4x4x2	
Tire type		33x12-20	33x12-20		385/65-22.5		385/65-22.5	
Power								
Engine power	kW	About 36kW @2400rpm~2600rpm	About 36kW @2400rpm~2600rpm		About 36kW @2400rpm~2600rpm		About 36kW @2400rpm~2600rpm	
Fuel tank capacity	L	100	100		151		151	
Hydraulic tank capacity	L	110	110		110		160	
Control voltage	V	12	12		12		12	
Weight	kg	7500kg(16535lbs)	9500kg(20945lbs)		16800kg(30378lbs)		19500kg(42990lbs)	



Model	RL40		RL44		RL48		RL63	
Size								
	Metric(m)	Imperial	Metric(m)	Imperial	Metric(m)	Imperial	Metric(m)	Imperial
Working height (Max.)	40.4	132'7"	44	144'4"	48	157'6"	63	206'8"
Platform height (Max.)	14	45'11"	18	59'1"	46	150'11"	61	200'2"
Horizontal outreach (Max.)	24	78'9"	24	78'9"	23.6	77'5"	26	85'4"
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"
Length (stowed)	/	/	13	42'8"	13.66	44'10"	16.1	52'10"
Width (stowed)	2.49	8'2"	2.49	8'2"	2.49	8'2"	2.49	8'2"
Height(stowed)	3.08	10'1"	3.1	10'2"	3.14	10'4"	3.4	11'2"
Wheelbase	3.96	12'12"	3.96	12'12"	3.96	12'12"	5.6	18'4"
Ground clearance(center)	0.4	1'4"	0.4	1'4"	0.4	1'4"	0.38	1'3"
Turning radius (inside,axle retracted)	4.14	13'7"	4.14	13'7"	4.14	13'7"	7.6	24'11"
Turning radius (inside,axle extended)	3.13	10'3"	3.13	10'3"	3.13	10'3"	2.69	8'10"
Turning radius (outside,axle retracted)	7.02	23'0"	7.02	23'0"	7.02	23'0"	10	32'10"
Turning radius (outside,axle extended)	6.5	21'4"	6.5	21'4"	6.5	21'4"	7.07	23'2"
Performance								
Lift capacity (Max.)	kg	480kg (1058lbs)	480kg (1059lbs)	480kg (1060lbs)	480kg (1060lbs)	480kg (1061lbs)	480kg (1061lbs)	480kg (1061lbs)
Lift capacity (non-restricted)	kg	300kg (661lbs)	300kg (662lbs)	300kg (663lbs)	300kg (663lbs)	300kg (664lbs)	300kg (664lbs)	300kg (664lbs)
Platform rotation		±90°	±90°	±90°	±90°	±90°	±90°	±90°
Vertical jib rotation		135°	135°	135°	135°	135°	135°	135°
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	4.2	4.2	4.2
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	445/65-24	445/65-24	445/65-24	445/65-24	445/65-24	445/65-24
Power								
Engine Power	kW	About 54kw @2400rpm~2600rpm	About 54kw @2400rpm~2600rpm	About 54kw @2400rpm~2600rpm	About 54kw @2400rpm~2600rpm	Approx. 74kw @2200rpm	Approx. 74kw @2200rpm	Approx. 74kw @2200rpm
Fuel tank capacity	L	151	151	151	151	200	200	200
Hydraulic tank capacity	L	250	250	250	250	300	300	300
Control voltage	V	12	12	12	12	24	24	24
Weight	kg	21800kg (48061lbs)	24600kg (54234lbs)	23110kg (50949lbs)	23110kg (50949lbs)	28500kg (62832lbs)	28500kg (62832lbs)	28500kg (62832lbs)
Standards Compliance	EN280-1: 2022 GB25849-2010							