



Characteristics

MODEL	2			RC60		**R80	
SYSTEM OF MEASUREMENT				U.S.	Metric	U.S.	Metric
CAPACITY	3	rated load	lb kg	6000	3000	8000	4000
AT LOAD CENTER	4	distance	in mm	24	500	24	500
POWER	5	diesel		diesel		diesel	
TIRES	7	pneumatic		pneumatic		pneumatic	
DRIVE	8	no. wheels driven		2WD		2WD	

Dimensions

LIFT with standard two stage mast*	9	maximum fork height with rated load	in mm	168	4270	168	4270	
	10	maximum fork height	in mm	168	4270	168	4270	
	11	free fork height	in mm	5.7	145	5.7	145	
FORKS	13	length x width x thickness	in mm	48 x 4 x 1.75	1200 x 100 x 45	48 x 5 x 2	1200 x 125 x 50	
	13a	minimum/maximum	in mm	10.4/65.3	264/1660	9.8/76.8	250/1950	
FORK SPACING out-to-out	14	forward/back	degrees	45/12		45/12		
TILT OF MAST	15	length to fork face	in mm	132.5	3370	146	3708	
	16	width	with standard tires	in mm	78.3	1990	89	2261
			w/front & high-flotation tires	in mm	81.5	2070	N/A	N/A
	17	with lowered mast	in mm	119	3023	124.5	3162	
	17a	height	seat height	in mm	49.7	1260	54	1372
			to top of overhead guard	in mm	93.5	2370	97.8	2484
18	with extended mast (top of carriage)	in mm	216	5487	217.5	5525		
MIN. OUTSIDE TURNING RADIUS	19		in mm	152	3861	180	4572	
LOAD MOMENT CONSTANT	20	from center of front axle to fork face	in mm	26.4	671	28.8	732	
MINIMUM AISLE - 90° stack	22	(add load length and clearance)	in mm	181.5	4610	204.5	5190	

Performance

TOP TRAVEL SPEED	24	standard	mph km/h	19.4	31.2	19.5	31.4
		towable	mph km/h	30.5	49.1	30	48.3
LIFT SPEED	25	loaded/unloaded (diesel)	fpm m/s	69/71	0.35/0.36	52/67	0.26/0.34
LOWERING SPEED	26	loaded/unloaded	fpm m/s	89/56	0.45/0.28	66/48	0.34/0.24
DRAWBAR PULL @ 1.0 mph	27	standard (diesel)	lb N	13350	59400	13000	57700
		towable (diesel)	lb N	9700	43150	9430	41900
DRAWBAR PULL	unloaded	all trucks	lb N	4450	19800	5050	22450
GRADEABILITY (@ 1.0 mph)	29	loaded	%	53.0		52.9	
		unloaded	%	26.6			

Weight

EMPTY	30		lb kg	11800	5350	14100	6395	
AXLE LOAD	31	w/rated load	front	lb kg	15150	7150	18900	8975
		rear	lb kg	2650	1200	3200	1425	
	31a	without load	front	lb kg	4800	2175	5800	2630
		rear	lb kg	7000	3175	8300	3765	

Chassis

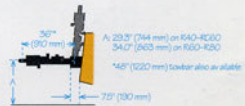
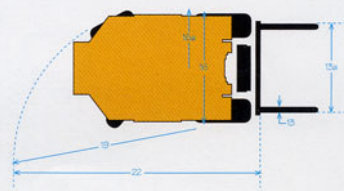
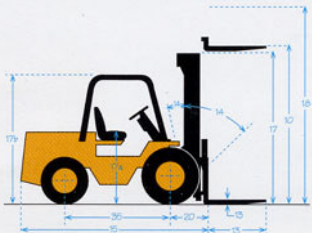
TIRES	33	front standard tires	in	15 x 19.5, 12 ply		18 x 19.5, 16 ply		
	33a	dimensions front high-flotation tires	in	18 x 19.5, 16 ply		N/A		
	34	rear	in	12 x 16.5, 10 ply		14 x 17.5, 10 ply		
WHEELBASE	35		in mm	75	1905	82.5	2100	
	36	front w/ standard tires	in mm	64	1625	73.6	1870	
	36a	front w/high-flotation tires	in mm	65.8	1675	N/A	N/A	
TREAD WIDTH	36d	rear	in mm	64.7	1645	73.2	1860	
	37	with load	at lowest point	in mm	8.3	210	9.5	241
			at center of wheel base	in mm	9.8	248	12.1	307
GROUND CLEARANCE	38		in mm					
	39	service (standard)		oil disc, mechanical		*** wet disc, hydraulic		
		N/A		shoe type, hydraulic		shoe type, hydraulic		
BRAKES	40	parking		hand-operated, mechanical		hand-operated, mechanical		

Power Train

ENGINE	46	manufacturer/model (diesel)	Perkins 1004.42		Perkins 1004.42		
	47	gross power per SAE J1349 (diesel)	hp kW	86	64.2	86	64.2
	48	at RPM (diesel)		2400		2400	
	49	cylinders/displacement (diesel)	cu. in. l	4/258.3	4/4,233	4/258.3	4/2,233
TRANSMISSION	52	type	power shuttle		power shuttle		
	53	no. speeds forward/reverse	4/4		4/4		
RELIEF PRESSURE	54	for attachments	psi kPa	2500	17240	2500	17240

Available Equipment And Attachments:

- High-flotation drive tires (contact factory)
- Side-shift carriages without loss of capacity
- Hydraulic fork positioner
- Load backrest
- Full suspension seat
- Instrument gauges
- High air intake
- Vertical exhaust (standard on 4-wheel drive machines)
- Anti-vandalism package
- Backup alarm
- Floodlights
- Amber strobe light



Because of continuous improvements, specifications may change.