

SPECIAL VEHICLE 6,600 - 7,700 lbs.

Diesel Rough Terrian 2WD

- Reliable, Dependable, Consistent Power and Strength
- Equipped with sturdy tires for uneven ground use
- Robust build w/ higher ground clearance and durable chassis
- Powered by Kohler motors

KOHLER®



SPECIAL VEHICLE RTD 30-35 DIESEL FORKLIFT MAST OPTIONS															
TYPE	MODEL	LIFT HEIGHT (IN)	LOAD CAPACITY (LBS)		3.0t MAST LOWERED	OVERALL HEIGHT (IN) MAST EXTENDED WITHOUT		3.5t MAST LOWERED	MAST EXTENDED WITHOUT		3.0 t FREE LIFT (IN)		3.5 t FREE LIFT (IN)		TILT ANGLE F/R (DEG)
			3.0	3.5		WITH LBR	LBR		WITH LBR	LBR	WITH LBR	WITHOUT LBR	WITH LBR	WITHOUT LBR	
2-STAGE MAST	M200	78.7	6613	7716	67.1	125.1	108.2	68.5	108.2	114.1	-	-	-	-	8/10
	M250	98.4	6613	7716	76.9	144.8	127.9	78.3	127.9	133.8	-	-	-	-	8/10
	M300	118.1	6613	7716	86.8	164.5	147.6	88.1	147.6	153.5	-	-	-	-	8/10
	M330	129.9	6613	7716	92.7	176.3	159.4	94.0	159.4	165.3	-	-	-	-	8/10
	M350	137.7	6613	7716	96.6	184.2	167.3	98.0	167.3	173.2	-	-	-	-	8/10
	M370	145.6	6613	7716	100.5	192.1	175.1	101.9	175.1	181.1	-	-	-	-	8/10
	M400	157.4	6613	7054	108.4	203.9	187.0	109.8	187.0	192.9	-	-	-	-	8/10
	M450	177.1	6062	6613	118.3	223.6	206.6	119.6	206.6	212.5	-	-	-	-	8/10
	M500	196.8	5291	5511	128.1	243.3	226.3	129.5	226.3	232.2	-	-	-	-	6/6
	M550	216.5	4960	5070	139.9	262.9	246.0	141.3	246.0	251.9	-	-	-	-	6/6
	M600	236.2	3306	3968	149.8	282.6	265.7	151.1	265.7	271.6	-	-	-	-	6/6
	Z200	78.7	6613	7716	67.1	125.1	108.2	68.5	108.2	114.1	21.8	34.2	23.4	34.2	8/10
2-STAGE FULL FREE	Z250	98.4	6613	7716	76.9	144.8	127.9	78.3	127.9	133.8	31.6	44.0	33.2	44.0	8/10
	Z300	118.1	6613	7716	86.8	164.5	147.6	88.1	147.6	153.5	39.9	51.9	41.1	51.9	8/10
	Z330	129.9	6613	7716	92.7	176.3	159.4	94.0	159.4	165.3	47.4	59.8	49.0	59.8	8/10
	Z350	137.7	6613	7716	96.6	184.2	167.3	98.0	167.3	173.2	51.3	63.7	52.9	63.7	8/10
	Z370	145.6	6613	7716	100.5	192.1	175.1	101.9	175.1	181.1	55.3	67.7	56.8	67.7	8/10
	Z400	157.4	6613	7716	108.4	203.9	187.0	109.8	187.0	192.9	63.1	75.5	64.7	75.5	8/10
	S370	145.6	6393	7275	77.1	191.9	179.5	78.5	179.5	181.1	31.8	44.2	33.4	44.2	8/10
	S400	157.4	6393	7054	81.1	203.7	191.3	82.4	191.3	192.9	35.8	48.2	37.4	48.2	8/10
3-STAGE MAST	S435	171.2	6172	6613	85.6	217.5	205.1	87.0	205.1	206.6	40.3	52.7	41.9	52.7	8/10
	S450	177.1	5952	6393	87.5	223.4	211.0	88.9	211.0	212.5	42.3	54.7	43.8	54.7	8/10
	S480	188.9	5511	5952	91.5	235.2	222.8	92.9	222.8	224.4	46.2	58.6	47.8	58.6	8/10
	S500	196.8	5070	5401	94.2	243.1	230.7	95.6	230.7	232.2	49.0	61.4	50.5	61.4	6/6
	S550	216.5	4409	4960	102.7	262.7	250.3	104.1	250.3	251.9	55.7	68.1	59.0	68.1	6/6
	S600	236.2	3306	3747	109.2	282.4	270.0	110.6	270.0	271.6	62.4	74.8	65.5	74.8	6/6

SPECIAL VEHICLE RTD30 - 35 GAS FORKLIFT SPECIFICATIONS

GENERAL	MODEL		RTD30		RTD35	
CHARACTERISTICS & DIMENSIONS	1	POWER TYPE		Diesel	Diesel	
	2	RATED CAPACITY	LBS	6,614	7,716	
	3	LOAD CENTER	IN	24	24	
	4	LIFT HEIGHT	IN	118.1	118.1	
	5	FORK SIZE L x W x T	IN	48 x 4.9 x 1.8	48 x 5.9 x 2.4	
	6	MAST TILT ANGLE F/R	DEG	8/10	6/12	
	7	FRONT OVERHANG (WHEEL CENTER TO FORK FACE)	IN	23.2	23.2	
	8	GROUND CLEARANCE (BOTTOM OF MAST)	IN	9.0	9.0	
	9	LENGTH TO FACE OF FORK (W/O FORK)	IN	124	124	
	10	OVERALL WIDTH	IN	65	65	
	11	OVERALL DIMENSION MAST LOWERED HEIGHT	IN	83.3	83.3	
	12	MAST EXTENDED HEIGHT (W/ LBR)	IN	167.3	167.3	
	13	OVERALL GUARD HEIGHT	IN	86	86	
	14	TURNING RADIUS (OUTSIDE)	IN	108.2	110.6	
	15	MIN. INSECTING AISLE	IN	114.1	116.5	
PERFORMANCE	16	SPEED	TRAVEL (EMPTY LOAD)	MPH	11.1	
	17		LIFTING (FULL LOAD)	IN/S	16.9	
	18	MAX GRADEABILITY		%	20	
CHASSIS	19	TIRE	FRONT	14-17.5-14 PR		14-17.5-14PR
	20		REAR	27 x 10-12-12 PR		27 x 10 - 12-12PR
	21	WHEELBASE		IN	72.2	
	22	SERVICE WEIGHT		LBS	10,582	
	22				13,010	
POWER & TRANSMISSION	23	BATTERY	VOLTAGE/CAPACITY	V/Ah	12/80	
	24	ENGINE	MODEL		KDI1903TCR	
	25		MANUFACTURER		Kohler	
	26		RATED OUTPUT/R.P.M.	HP	42 / 2600	
	27		RATED TORQUE/R.P.M.	TQ	225 / 1500	
	28		NO. OF CYLINDER		6	
	29		BORE x STROKE	MM	102 x 88	
	30		DISPLACEMENT	CC	1861	
	31		FUEL TANK CAPACITY	G	37	
	32	TRANSMISSION	TYPE		HYDRAULIC	
	32				HYDRAULIC	
	33	STAGE	FWD/RVS		2/2	
	33				2/2	
	34	OPERATING PRESSURE FOR ATTACHMENT		PSI	19	
	34				19	

