



**WACKER  
NEUSON**  
*all it takes!*

# Loaders

## Compact Track



### Vertical lift

Vertical lift provides higher lift and greater reach at full height, which maximizes loading and unloading capabilities and applications. Excellent for use when dumping loads into high sided trucks.



### Controls for every operator

Different types of controls ensure operators with different backgrounds and experience can easily and efficiently operate these compact track loaders.



## Performance

- High engine torque and drive motor technology provide maximum pushing power
- Auto ride control reduces operator fatigue and material loss

## Efficiency

- Foot throttle easily adjusts engine speed without moving hands off the joystick for improved control
- A combination of triple-flanged rollers and single-flanged idlers minimize de-tracking and improve ride quality

## Maintenance

- Equipped with a passive aftertreatment solution and exhaust gas recirculation (EGR) that requires no maintenance, reducing total cost of ownership
- Kohler KDI engines are backed by a 4-year/4,000-hour engine warranty
- Open undercarriage concept minimizes build up of dirt, saving time at the end of the day



## Performance Data

	Unit	ST27	ST31	ST37	ST45	ST50
<b>Max. operating power at operating speed</b>	hp rpm	74 @ 2,750	74 @ 2,750	74 @ 2,750	74 @ 2,500	100 @ 2,500
<b>Engine type</b>		Kohler KDI 2504 with DOC, liquid-cooled, 4-cylinder, turbo diesel engine.	Kohler KDI 2504 with DOC, liquid-cooled, 4-cylinder, turbo diesel engine.	Kohler KDI 2504 with DOC, liquid-cooled, 4-cylinder, turbo diesel engine.	Kohler KDI 3404 with DOC, liquid-cooled, 4-cylinder, turbo diesel engine.	Kohler KDI 3404TCR-SCR, liquid-cooled, 4-cylinder, turbo diesel engine.
<b>Rated Operating Capacity (ROC) @ 50% / 35%</b>	lbs	2,700 / 1,890	3,100 / 2,170	3,700 / 2,590	4,500 / 3,150	5,000 / 3,500
<b>Tipping load</b>	lbs	5,400	6,200	7,400	9,000	10,000
<b>Fuel tank capacity</b>	gal	27.3	35	35	50	50
<b>Hydraulic tank capacity</b>	gal	2.6	2.6	2.6	3.4	3.4
<b>Max travel speed, single / two-speed</b>	mph	6.4 / 9.1	6.5 / 9.7	5.8 / 8.7	6.4 / 9.6	6.2 / 9.9
<b>Aux. hydraulic flow rate - low / high</b>	gpm	19.4 / 29	20.1 / 30.1	23 / 33.1	22.1 / 31.7	25.1 / 37.4
<b>Aux. hydraulic pressure</b>	psi	3,481	3,481	3,481	3,500	3,500 / 4,000
<b>Overall length w/std. bucket / w/o bucket</b>	in	132.4 / 102.5	136.1 / 106.9	136.1 / 106.9	145.4 / 117.5	145.4 / 117.5
<b>Overall width</b>	in	60	64	72	78	78
<b>Overall height</b>	in	79.8	82.6	82.8	83.2	84.7
<b>Hinge pin height</b>	in	120	128.5	128.5	134.8	136.3
<b>Ground clearance</b>	in	8.5	9.1	9.1	9	10.5
<b>Dump angle at max. height</b>	deg	37	40	40	44	44
<b>Reach at max. height</b>	in	39.2	38	38	38.2	36.6
<b>Breakout force - bucket</b>	lbf	5,404	5,611	7,042	6,941	9,017
<b>Angle of departure</b>	deg	29.9	33	33	27	31
<b>Operating weight</b>	lbs	7,350	8,241	9,014	10,267	10,677
<b>Track width / length on ground</b>	in	12.6 / 53.2	12.6 / 56.7	17.7 / 58.9	17.7 / 63.2	17.7 / 65.6
<b>Ground pressure</b>	psi	5.5	5.7	4.3	4.6	4.6



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