



**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 application. 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	ST45	ST50
Max. operating power at operating speed	hp rpm	74 @ 2,750	74 @ 2,750	74 @ 2,500	100 @ 2,500
Engine type		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.
Rated Operating Capacity (ROC) @ 50% / 35%	lbs	2,700 / 1,890	3,100 / 2,170	4,500 / 3,150	5,000 / 3,500
Tipping load	lbs	5,400	6,200	9,000	10,000
Fuel tank capacity	gal	27.3	30.1	50	50
Hydraulic tank capacity	gal	2.6	2.6	3.4	3.4
Max travel speed, single / two-speed	mph	6.4 / 9.1	7 / 9.5	6.4 / 9.6	6.2 / 9.9
Aux. hydraulic flow rate - low / high	gpm	19.4 / 29	20 / 30	22.1 / 31.7	25.1 / 37.4
Aux. hydraulic pressure	psi	3,500	3,500	3,500	3,500 (HF-3,500/4,000 switchable)
Overall length w/std. bucket / w/o bucket	in	132.4 / 102.7	136.6 / 106.6	145.4 / 117.5	145.4 / 117.5
Overall width	in	60	67.1	78.0	78.0
Overall height	in	79.8	83.0	83.2	84.7
Hinge pin height	in	120	125.5	134.8	136.3
Ground clearance	in	8.5	9.1	9	10.5
Dump angle at max. height	deg	37	42	44	44
Reach at max. height	in	39.2	39.2	38.2	36.6
Breakout force - bucket	lbf	5,404	5,300	6,950	9,461
Angle of departure	deg	29.9	30.7	27	31
Operating weight	lbs	7,350	8,095	10,267	10,677
Track width / length on ground	in	12.6 / 53.2	12.6 / 57.2	17.7 / 63.0	17.7 / 65.6
Ground pressure	psi	5.5	5.6	4.6	4.6

