

SW16, SW17, SW20, SW21, ST28, ST31

# Medium Frame Skid Steer and Compact Track Loaders



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



Technical data		SW16 Radial	SW17 Radial	SW20 Vertical	SW21 Vertical	ST28 Radial	ST31 Vertical
<b>ENGINE</b>		<b>UNIT</b>					
Engine power	hp	56	74	56	74	74	74
Engine make / model		Kohler Diesel 1903	Kohler Diesel 2504	Kohler Diesel 1903	Kohler Diesel 2504	Kohler Diesel 2504	Kohler Diesel 2504
Fuel tank capacity	gal	30	30	30	30	30	30
<b>CAPACITY</b>		<b>UNIT</b>					
Rated operating capacity (ROC) 50%	lbs	1,600	1,700	2,000	2,100	2,800	3,100
Tipping load	lbs	3,200	3,400	4,000	4,200	5,600	6,200
<b>PERFORMANCE</b>		<b>UNIT</b>					
Travel speed (low)	mph	7.2	7.2	7.2	7.2	7	7
Travel speed (high)	mph	11.6	11.6	11.6	11.6	9.5	9.5
Breakout force - bucket	lbf	5,300	5,300	5,300	5,300	5,300	5,300
Breakout force - boom	lbf	5,000	5,000	5,000	5,000	5,000	5,000
Max. tractive effort	lbf	7,637	7,637	7,637	7,637	9,874	9,874
<b>HYDRAULICS</b>		<b>UNIT</b>					
Aux. hydraulic flow - STD	gal/min	20	20	20	20	20	20
Aux. hydraulic flow - HIGH	gal/min	–	30	–	30	30	30
Aux. hydraulic pressure	psi	3,500	3,500	3,500	3,500	3,500	3,500
<b>DIMENSIONS</b>		<b>UNIT</b>					
Length (with bucket)	in	134.9	134.9	134.9	134.9	136.6	136.6
Length (without bucket)	in	106.6	106.6	106.6	106.6	106.6	106.6
Width	in	65.9	65.9	65.9	65.9	67.1	67.1
Height	in	81.5	81.5	81.5	81.5	83.0	83.0
Hinge pin height	in	118.1	118.1	124.0	124.0	119.6	125.5
Ground clearance	in	7.6	7.6	7.6	7.6	9.1	9.1
Dump angle @ max. height	°	42	42	42	42	42	42
Reach @ max. height	in	34.1	34.1	34.1	34.1	27.8	36
Angle of departure	°	24.0	24.0	24.0	24.0	30.7	30.7
Operating weight	lbs	6,170	6,245	6,437	6,512	7,829	8,095
Tire size	in	10 x 16.5	10 x 16.5	10 x 16.5	10 x 16.5	–	–
Track width - STD	in	–	–	–	–	12.6	12.6