

ENGINE

Model	Onan P218
Fuel	Gasoline
Fuel supply	Carburetor w/pulse pump
Cylinders	2
Bore/Stroke	3.25" x 2.88"
Displacement	47.7 in ³
Horsepower	18 @ 3600 rpm

DRIVELINE

CHAIN DRIVE DESIGN

Each motor powers a tandem sprocket that drives two continuous chains, one each for front and rear axles.

INFINITELY VARIABLE SPEEDS

Speed transitions within a range of 0-4.5 mph in both forward and reverse.

DYNAMIC BRAKING

Moving the hand controls to the neutral position brings the unit to a stop. Engage the parking latch by raising the seat bar.

DIRECT-DRIVE TRANSMISSION PUMPS

Two variable displacement piston pumps deliver oil to corresponding hydrostatic motors for independent

OPERATOR ENVIRONMENT

Seat bar serves as an operator restraining device and armrest. Two low effort "hands-only" levers control direction and loader functions. Optional auxiliary hydraulic foot pedal control for precision applications or continuous hydraulic flow as required.

MONITORING SYSTEM

LED WARNING LIGHTS

Hydraulic filter – Fuel level (optional)

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Air cleaner restriction – Engine oil temperature – Engine oil pressure

HYDRAULIC SYSTEM

Pump	Belt-driven from engine crankshaft
Capacity	9 gpm @ 3000 rpm @ 1800 psi
Main relief setting	1750 psi @ 120° F @ 15 gpm
Filtration	10-micron spin-on w/bypass valve

ELECTRICAL SYSTEM

Voltage	12 volts, negative ground
Alternator	12 volt, 20 amp
Battery	(1) 12-volt 491 cold-cranking amps

TIRE SELECTION

Type (tubeless)	Ply Rating
5.70 x 15 Chevron	4
27-8.50 x 15 Lug type	4
27-8.50 x 15 Heavy-duty lug type ...	6

SERVICE CAPACITIES

Fuel tank	8.5 gal
Engine oil w/filter change	2.3 qt
Hydraulic system (total)	7.5 gal
Chain compartments (per side) ...	3.0

LOADER BUCKETS

Bucket Width	Struck Capacity	Heaped Capacity	Weight
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DIRT & UTILITY			
35"	3.82 ft ³	4.93 ft ³	115 lb
44"	4.84 ft ³	6.34 ft ³	130 lb

LOADER PERFORMANCE SPECIFICATIONS

Lift capacity to maximum height	1,100 lb
Operating load	550 lb
Tipping capacity	1,100 lb
Breakout force	
Tilt cylinder	1,210 lbf
Lift cylinder	1,530 lbf
Cycle times w/rated loads	
Raising time	4.8 sec
Lowering time (power down) .	2.8 sec
Rollback time	2.4 sec
Dump time	1.5 sec

Unit w/full fuel, 175 lb operator, 35" dirt bucket,

DIMENSIONS

Overall operating height	125.2"
Height to bucket hinge pin	96.2"
Height to -	
top of ROPS	70.1"
loader arm fully raised	90.0"
Overall length -	
w/o attachment	85.0"
w/bucket on ground	104.3"
Dump angle at maximum height.	40°
Dump height, loader arm	
at maximum height	73.9" @ 40°
Reach -	
fully raised	29"
attachment on ground	42.2"
Maximum rollback -	
attachment at full height	102°
attachment on ground	27°
Wheelbase	30.4"
Ground clearance	6.5"
Clearance circle front -	
less bucket	33.8"
Clearance circle front -	
w/35" dirt bucket	60.0"
w/44" dirt bucket	61.5"
Clearance circle rear	49.1"
Overall width -	
w/5.70 x 15 tires	35.0"
w/5.70 x 15 tires*	41.9"
w/27-8.50 x 15 tires	43.0"
Tread width -	
w/5.70 x 15 tires	29.1"
w/5.70 x 15 tires*	36.0"
w/27-8.50 x 15 tires	33.4"
Operating weight	2,593 lb

Unit with full fuel, 175 lb operator, ROPS, standard equipment, 5.70 x 15 tires and 35" bucket.

*Tires reversed

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