ENGINE

Model ......................... Onan P218
Fuel ................................. Gasoline
Fuel supply ....................... Carburetor w/pulse pump
Cylinders .......................... 2
Bore/Stroke ....................... 3.25" x 2.88"
Displacement ..................... 47.7 in³
Horsepower ....................... 18 @ 3600 rpm

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

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)
Air cleaner restriction – Engine oil temperature – Engine oil pressure

TIRE SELECTION

Type (tubeless)  Fly Rating
5.70 x 15 Chevron .................. 4
27.850 x 15 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 PERFORMANCE SPECIFICATIONS

Lift capacity to maximum height .... 1,100 lb
Operating load .................... 550 lb
Tipping capacity .................. 1,100 lb
Breakout force ..................... 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/27.850 x 15 tires .......... 43.0"
Tread width - w/5.70 x 15 tires .......... 29.1"
w/5.70 x 15 tires* .......... 36.0"
w/27.850 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.

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* Tires reversed
IMPORTANT: Case Corporation reserves the right to change these specifications without notice and without incurring any obligation relating to such change.