

PRODUCT SPECIFICATIONS FOR 426F2

ENGINE

Power - Net	66 kW
Model	Cat 3054C Mechanical Turbo
Emissions	Engine meets U.S. EPA Tier 2/EU Stage II equivalent emission standards.
Rated Power (Standard) - 2,200 rpm - Gross - ISO 14396	68.5 kW
Net Power - 2,200 rpm - ISO 9249	66 kW
Net Peak Power - 2,000 rpm - SAE J1349	65 kW
Net Peak Power - 2,000 rpm - ISO 9249	65 kW
Net Peak Power - 2,000 rpm - EEC 80/1269	65 kW
Torque Rise - 1,200 rpm - Net	38%
Maximum Torque - 1,400 rpm	394 N·m
Bore	105 mm
Stroke	127 mm
Displacement	4.4 l
Note (1)	Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler and alternator.
Note (2)	No derating required up to 2286 m altitude. Auto derate protects hydraulic and transmission systems.

WEIGHTS

Operating Weight - Nominal	7990 kg
Operating Weight - Maximum	8760 kg

HYDRAULIC SYSTEM

Type	Closed Center
Pump Type	Variable Flow, Axial Piston
Maximum Pump Capacity	132 l/min
System Pressure - Backhoe	250 bar
System Pressure - Loader	250 bar

NOISE LEVEL

Inside Cab	80 dB(A)
Outside Cab	104 dB(A)

TRANSMISSION

Note	Travel speeds of Two Wheel Drive backhoe loader at full throttle, when equipped with 16.9×28 rear tires.
Power Shuttle Transmission - Forward 1st	5.5 km/h
Power Shuttle Transmission - Forward 2nd	9 km/h
Power Shuttle Transmission - Forward 3rd	20.7 km/h
Power Shuttle Transmission - Forward 4th	40 km/h
Power Shuttle Transmission - Reverse 1st	5.5 km/h
Power Shuttle Transmission - Reverse 2nd	9 km/h
Power Shuttle Transmission - Reverse 3rd	20.7 km/h
Power Shuttle Transmission - Reverse 4th	40 km/h

SERVICE REFILL CAPACITIES

Cooling System	22 l
Fuel Tank	160 l
Engine Oil - With Filter	8.8 l
Transmission - Power Shuttle - AWD	15 l
Rear Axle	14.5 l
Rear Axle - Planetaries	1.5 l
Front Axle (AWD)	11 l
Front Axle (AWD) - Planetaries	0.7 l
Hydraulic System	106 l
Hydraulic Tank	40 l

WEIGHTS*

Operating Weight - Estimated	7990 kg
Operating Weight - ROPS Capacity - Maximum	8760 kg
Counterweights - Base	115 kg
Counterweights - Medium	240 kg
Minimum Counterweight Recommendations - Standard Stick: Loader Bucket - GP	115 kg
Minimum Counterweight Recommendations - Standard Stick: Loader Bucket - MP	0 kg

Note	*Machine Configuration – standard engine, standard stick hoe, standard cab with A/C, AWD standard shift transmission, 0.96 m ³ MP loader bucket, 610 mm standard duty hoe bucket, 12.5/80-16.9-28 tires, no counterweight, 80 kg operator and full fuel tank.
-------------	--

AXLES - ALL WHEEL DRIVE (AWD)

Features (1)	Heavy-duty rear axle with self adjusting inboard brakes, differential lock and final drives.
---------------------	--

Features (2)

AWD is engaged by front console panel switch or by brake pedal during all-wheel-braking operation. AWD can be engaged on the move, under load, in any gear, forward or reverse. AWD has outer final drives for easy maintenance.

Features (3)

AWD front axle is pendulum mounted and permanently sealed and lubricated, requiring no daily maintenance. Also features double-acting steering cylinder with 52° steering angle for increased maneuverability.

AXLE RATINGS

Front Axle (AWD) - Static	22943 kg
----------------------------------	----------

Front Axle (AWD) - Dynamic	9177 kg
-----------------------------------	---------

Rear Axle - Static	19120 kg
---------------------------	----------

Rear Axle - Dynamic	7648 kg
----------------------------	---------

STEERING

Type	Front Wheel
-------------	-------------

Power Steering	Hydrostatic
-----------------------	-------------

AWD Cylinder, One (1) Double Acting - Bore	65 mm
---	-------

AWD Cylinder, One (1) Double Acting - Stroke	120 mm
---	--------

AWD Cylinder, One (1) Double Acting - Rod Diameter	36 mm
---	-------

Turning Circle (inner wheel not braked) - Outside Front Wheels	8.18 m
---	--------

Turning Circle (inner wheel not braked) - Outside Widest Loader Bucket	10.97 m
---	---------

BRAKES

Type	Fully enclosed boosted, hydraulic, multiple discs.
Features (1)	Inboard oil-immersed, hydraulically actuated multiple Kevlar discs on final drive input shaft.
Features (2)	Completely enclosed and sealed.
Features (3)	Self-adjusting.
Features (4)	Dual foot-operated boosted brake pedals can be interlocked for roading.
Features (5)	Parking/secondary brakes are independent of the service brake system. Parking brake is mechanically applied through a hand lever located in the right side console.
Features (6)	Meets ISO 3450:1996 requirements.

MACHINE DIMENSIONS - GP - 1.0 M3

Overall Length - In Roading Position	5726 mm
Overall Transportation Length	5678 mm
Overall Transportation Height - 4.3 m	3757 mm
Overall Width - Excluding Loader Bucket	2346 mm
Height - Top of Cab/Canopy	2869 mm
Height - Top of Exhaust Stack	2716 mm
Rear Axle - Centerline to Front Grill	2708 mm
Wheelbase - AWD	2200 mm
Note	Dimensions and performance specifications shown are for machines equipped with 12.5/80-18 SGL front tires, 16.9-28c rear tires, standard cab, standard stick with 610 mm standard duty bucket, and 1.05 m ³ GP loader bucket and standard equipment unless otherwise specified.

MACHINE DIMENSIONS - MP - 0.96 M3

Overall Length - In Roading Position	5682 mm
---	---------

Overall Transportation Length	5675 mm
Overall Transportation Height - 4.3 m	3757 mm
Overall Width - Excluding Loader Bucket	2346 mm
Height - Top of Cab/Canopy	2869 mm
Height - Top of Exhaust Stack	2716 mm
Rear Axle - Centerline to Front Grill	2708 mm
Wheelbase - AWD	2200 mm
Note	Dimensions and performance specifications shown are for machines equipped with 12.5/80-18 SGL front tires, 16.9-28c rear tires, standard cab, standard stick with 610 mm standard duty bucket, and 1.05 m ³ GP loader bucket and standard equipment unless otherwise specified.

LOADER BUCKET DIMENSIONS AND PERFORMANCE: GP - 1.05 M3

Capacity	1.05 m ³
Width	2262 mm
Lift Capacity at Maximum Height	3610 kg
Lift Breakout Force	54.46 kN
Tilt Breakout Force	53.92 kN
Tipping Load - Breakout Point	7012 kg
Maximum Hinge Pin Height	3447 mm
Dump Angle at Full Height	46°
Dump Height at Maximum Angle	2733 mm
Dump Reach at Maximum Angle	900 mm
Maximum Bucket Rollback at Ground Level	38°
Digging Depth	88 mm
Maximum Grading Angle	113°
Grill to Bucket Cutting Edge, Carry Position	1482 mm

Maximum Operating Height	4368 mm
Bucket Weight - Excluding Teeth and Forks	428 kg

LOADER BUCKET DIMENSIONS AND PERFORMANCE: MP - 1.0 M3

Capacity	0.96 m ³
Width	2262 mm
Lift Capacity at Maximum Height	3475 kg
Lift Breakout Force	54 kN
Tilt Breakout Force	60.48 kN
Tipping Load - Breakout Point	7110 kg
Maximum Hinge Pin Height	3447 mm

LOADER BUCKET DIMENSIONS AND PERFORMANCE: MP - 0.96 M3

Dump Angle at Full Height	46°
Dump Height at Maximum Angle	2764 mm
Dump Reach at Maximum Angle	825 mm
Maximum Bucket Rollback at Ground Level	39°
Digging Depth	147 mm
Maximum Grading Angle	116°
Grill to Bucket Cutting Edge, Carry Position	1450 mm
Maximum Operating Height	4368 mm
Bucket Weight - Excluding Teeth and Forks	611 kg

BACKHOE DIMENSIONS AND PERFORMANCE - STANDARD STICK - 4.3 M

Digging Depth - SAE Maximum	4119 mm
Digging Depth, Manufacturer's Maximum	4709 mm
Digging Depth - 2440 mm Flat Bottom	3743 mm
Digging Depth - 600 mm Flat Bottom	4094 mm
Digging Depth, 600 mm Flat Bottom, Manufacturer's	4670 mm
Reach from Swing Pivot at Ground Line	5609 mm
Maximum Operating Height	5719 mm
Loading Height	4031 mm
Loading Reach	1477 mm
Swing Arc	180°
Bucket Rotation	205°
Stabilizer Overall Width	2242 mm
Bucket Dig Force	57.22 kN
Stick Dig Force	35.29 kN

426F2 STANDARD EQUIPMENT

CAB ROPS AND FOPS

Canopy

TIRES/STEERING/BRAKES

Two Wheel Drive

100% Differential Lock

Hydraulic Boosted Brakes (dual pedals)

Tires 16 inch (Front) – 2WD

Tires 18 inch (Front) – AWD

Tires 28 inch (Rear)

ENGINE/TRANSMISSION

Battery 750 CCA, Maintenance Free (standard)

Hinged Radiator Unit for Simple Debris Removal

Engine 68.5 kW (93 hp) Cat 3054C

Transmission, 4-Speed Manual

INPUT

Controls, Mechanical Lever

Power Steering, Hydrostatic

OTHER ATTACHMENTS

Tool Storage Box

Transport Tie-downs

GUARDS

Loader Safety Brace

BOOM, STICKS AND LINKAGES – BACKHOE

Stick, Standard (4.26 m)

Transport Lock, Swing

Transport Lock, Boom

HYDRAULICS

Hydraulic Pump (132 L/min)

Side Shift Lock (electro-hydraulic)

Hydraulic Oil Cooler

HYDRAULICS – LOADER

Loader Kickout, Float

Parallel Lift

ELECTRICAL

Product Link, Cellular

Reversing Alarm

426F2 OPTIONAL EQUIPMENT

CAB ROPS AND FOPS

Cab, Standard

TIRES/STEERING/BRAKES

All Wheel Drive

OTHER ATTACHMENTS

Counterweight, 115 kg

Counterweight, 240 kg

GUARDS

Guard, Driveshaft

HYDRAULICS – BACKHOE

Hydraulic Lines, 1-Way

Hydraulic Quick Disconnects (twist to connect)

ELECTRICAL

Beacon, Rotating