



# Cat<sup>®</sup> 426F2

## BACKHOE LOADER

### FEATURES:

- **Product Link™** – Get the most out of your Cat<sup>®</sup> Backhoe Loader. Product Link provides quick access to vital information such as machine location, hours worked, machine error codes and fuel burn to help you maximize machine performance.
- **Cab and Controls** – The introduction of the new cab to the Cat Backhoe Loader provides a comfortable and easy to use operator environment. With the ability to customize your experience, the all new cab allows the operator to perform in greater comfort and enjoy the latest technologies available on today's generation of backhoe loaders.
- **Powerful Hydraulics** – The F2 Series machines really make an impact. High pump flow in a superior hydraulic system allow the operator excellent hydraulic performance at their fingertips.
- **Power Train** – The 426F2 is equipped with our tried and tested Cat 3054C engine and is finely tuned to a Cat four speed manual transmission. This fine tuning enables the 426F2 to reach a 40 km/h roading speed.

## Specifications

### Engine

Model	Cat 3054C Mechanical Turbo
Rated Power (standard) @ 2,200 rpm	
Gross Power ISO 14396	68.5 kW/93 hp
Net Power Rating @ 2,200 rpm ISO 9249	66 kW/88 hp
Net Peak Power @ 2,000 rpm SAE J1349	65 kW/87 hp
ISO 9249	65 kW/88 hp
EEC 80/1269	65 kW/88 hp
Torque Rise (net) @ 1,200 rpm	38%
Maximum Torque @ 1,400 rpm	394 N·m
Bore	105 mm
Stroke	127 mm
Displacement	4.4 L

- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler and alternator.
- No derating required up to 2286 m altitude. Auto derate protects hydraulic and transmission systems.
- Engine meets U.S. EPA Tier 2/EU Stage II equivalent emission standards.

### Hydraulic System

Type	Closed Center
Pump Type	Variable Flow, Axial Piston
Maximum Pump Capacity	132 L/min
System Pressure	
Backhoe	250 Bar
Loader	250 Bar

### Noise Level

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

### Transmission

Travel speeds of Two Wheel Drive backhoe loader at full throttle, when equipped with 16.9×28 rear tires.

	Power Shuttle	Reverse	Power Shuttle
Forward			
1st	5.5 km/h	1st	5.5 km/h
2nd	9.0 km/h	2nd	9.0 km/h
3rd	20.7 km/h	3rd	20.7 km/h
4th	40.0 km/h	4th	40.0 km/h

### Service Refill Capacities

Cooling System	22.0 L
Fuel Tank	160 L
Engine Oil with Filter	8.8 L
<b>Transmission (Power Shuttle)</b>	
AWD	15 L
<b>Rear Axle</b>	14.5 L
Planetaries	1.5 L
<b>Front Axle (AWD)</b>	11 L
Planetaries	0.7 L
Hydraulic System	106 L
Hydraulic Tank	40 L

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## Weights\*

Operating Weight (estimated)	7990 kg
Operating Weight (Maximum) (ROPS Capacity)	8760 kg
Counterweights	
Base	115 kg
Medium	240 kg
Minimum Counterweight Recommendations – Standard Stick	
Loader Bucket – GP	115 kg
Loader Bucket – MP	0 kg

\*Machine Configuration – standard engine, standard stick hoe, standard cab with A/C, AWD standard shift transmission, 0.96 m<sup>3</sup> MP loader bucket, 610 mm standard duty hoe bucket, 12.5/80-18 and 16.9-28 tires, no counterweight, 80 kg operator and full fuel tank.

## Axles

All Wheel Drive (AWD)

### Features

- Heavy-duty rear axle with self adjusting inboard brakes, differential lock and final drives.
- 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.
- 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	22 943 kg
Dynamic	9177 kg
Rear Axle	
Static	19 120 kg
Dynamic	7648 kg

## Steering

Type	Front Wheel
Power Steering	Hydrostatic
AWD Cylinder, One (1) Double-acting	
Bore	65 mm
Stroke	120 mm
Rod Diameter	36 mm

## Turning Circle

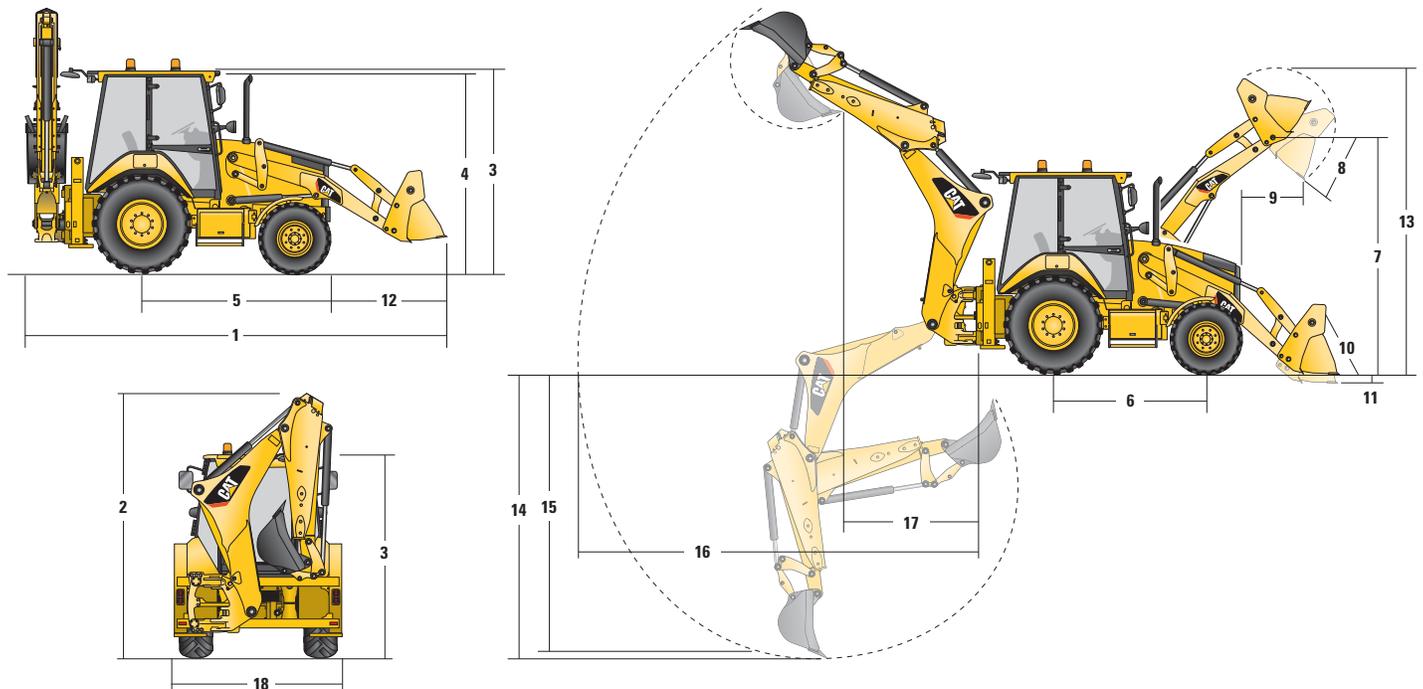
AWD (inner wheel not braked)	
Outside Front Wheels	8.18 m
Outside Widest Loader Bucket	10.97 m

## Brakes

Fully enclosed boosted, hydraulic, multiple discs.

### Features

- Inboard oil-immersed, hydraulically actuated multiple Kevlar discs on final drive input shaft.
- Completely enclosed and sealed.
- Self-adjusting.
- Dual foot-operated boosted brake pedals can be interlocked for roading.
- 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.
- Meets ISO 3450:1996 requirements.



## Machine Dimensions

	GP – 1.05 m <sup>3</sup>	MP – 0.96 m <sup>3</sup>
<b>1</b> Overall Length in Rooding Position	5726 mm	5682 mm
Overall Transportation Length	5678 mm	5675 mm
<b>2</b> Overall Transportation Height – 4.3 m	3757 mm	3757 mm
Overall Width (excluding loader bucket)	2346 mm	2346 mm
<b>3</b> Height to Top of Cab/Canopy	2869 mm	2869 mm
<b>4</b> Height to Top of Exhaust Stack	2716 mm	2716 mm
<b>5</b> Rear Axle Centerline to Front Grill	2708 mm	2708 mm
<b>6</b> Wheelbase AWD	2200 mm	2200 mm

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<sup>3</sup> GP loader bucket and standard equipment unless otherwise specified.

## Loader Bucket Dimensions and Performance

	GP – 1.05 m <sup>3</sup>	MP – 0.96 m <sup>3</sup>
Capacity	1.05 m <sup>3</sup>	0.96 m <sup>3</sup>
Width	2262 mm	2262 mm
Lift Capacity at Maximum Height	3610 kg	3475 kg
Lift Breakout Force	54.46 kN	54.0 kN
Tilt Breakout Force	53.92 kN	60.48 kN
Tipping Load at Breakout Point	7012 kg	7110 kg
<b>7</b> Maximum Hinge Pin Height	3447 mm	3447 mm
<b>8</b> Dump Angle at Full Height	46°	46°
Dump Height at Maximum Angle	2733 mm	2764 mm
<b>9</b> Dump Reach at Maximum Angle	900 mm	825 mm
<b>10</b> Maximum Bucket Rollback at Ground Level	38°	39°
<b>11</b> Digging Depth	88 mm	147 mm
Maximum Grading Angle	113°	116°
<b>12</b> Grill to Bucket Cutting Edge, Carry Position	1482 mm	1450 mm
<b>13</b> Maximum Operating Height	4368 mm	4368 mm
Bucket Weight (excluding teeth and forks)	428 kg	611 kg

## Backhoe Dimensions and Performance

	Standard Stick – 4.3 m
<b>14</b> Digging Depth, SAE Maximum	4119 mm
Digging Depth, Manufacturer's Maximum	4709 mm
<b>15</b> 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
<b>16</b> Reach from Swing Pivot at Ground Line	5609 mm
Maximum Operating Height	5719 mm
Loading Height	4031 mm
<b>17</b> Loading Reach	1477 mm
Swing Arc	180°
Bucket Rotation	205°
<b>18</b> Stabilizer Overall Width	2242 mm
Bucket Dig Force	57.22 kN
Stick Dig Force	35.29 kN

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**Standard and Optional Equipment** (Standard and Optional equipment may vary. Consult your Cat dealer for details.)

	Standard	Optional		Standard	Optional
<b>Cab ROPS and FOPS</b>			<b>Guards</b>		
Canopy	✓	—	Guard, Driveshaft	—	✓
Cab, Standard	—	✓	Loader Safety Brace	✓	—
<b>Tires/Steering/Brakes</b>			<b>Boom, Sticks and Linkages – Backhoe</b>		
Two Wheel Drive	✓	—	Stick, Standard (4.26 m)	✓	—
All Wheel Drive	—	✓	Transport Lock, Swing	✓	—
100% Differential Lock	✓	—	Transport Lock, Boom	✓	—
Hydraulic Boosted Brakes (dual pedals)	✓	—	<b>Hydraulics</b>		
Tires 16 inch (Front) – 2WD	✓	—	Hydraulic Pump (132 L/min)	✓	—
Tires 18 inch (Front) – AWD	✓	—	Side Shift Lock (electro-hydraulic)	✓	—
Tires 28 inch (Rear)	✓	—	Hydraulic Oil Cooler	✓	—
<b>Engine/Transmission</b>			<b>Hydraulics – Backhoe</b>		
Battery 750 CCA, Maintenance Free (standard)	✓	—	Hydraulic Lines, 1-Way	—	✓
Hinged Radiator Unit for Simple Debris Removal	✓	—	Hydraulic Quick Disconnects (twist to connect)	—	✓
Engine 68.5 kW (93 hp) Cat 3054C	✓	—	<b>Hydraulics – Loader</b>		
Transmission, 4-Speed Manual	✓	—	Loader Kickout, Float	✓	—
<b>Input</b>			Parallel Lift	✓	—
Controls, Mechanical Lever	✓	—	<b>Electrical</b>		
Power Steering, Hydrostatic	✓	—	Product Link, Cellular	✓	—
<b>Other Attachments</b>			Reversing Alarm	✓	—
Counterweight, 115 kg	—	✓	Beacon, Rotating	—	✓
Counterweight, 240 kg	—	✓			
Tool Storage Box	✓	—			
Transport Tie-downs	✓	—			

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