



Cat[®] Wheel Saws

SKID STEER LOADERS
COMPACT TRACK LOADERS
COMPACT WHEEL LOADERS

Cat[®] Wheel Saws are designed for high-performance trench cutting on a variety of hard or compact surfaces, such as asphalt, reinforced concrete and rocky or frozen ground. They allow for cutting and trenching to be performed in a single pass. Wheel Saws are ideal for asphalt patch cutting, road expansion joint cuts, and utility trenching.

Features:

Direct drive system

- Direct drive system features a hydraulic radial piston motor to ensure maximum cutting rate and wheel torque for optimal production performance and efficiency.

Hydraulic side-shift and depth control

- Hydraulic side-shift and depth control is standard on all models and is controlled from the operator's compartment. Hydraulic side-shift allows wheel positioning from center to the far right of center. This allows for cutting close to curbs, walls and other obstructions, and minimizes need to reposition the machine.

Max Pro Pressure Gauge

- Max Pro Pressure Gauge provides operator feedback to adjust ground speed for maximum productivity in changing material loads. Gauge displays saw performance in real-time conditions and is visible from the cab. Standard on all models.

Deflector plates

- Deflector plates remove spoil from the machine's path for smooth operation. Spoil can be discharged left, right, or on both sides of the wheel saw with installation of included blanking plates.

Flaps for debris suppression

- Rubber flaps on either side of the attachment prevent the spread of loose debris during operation.

Self standing

- Self standing frame design improves connection and parking without the need for operator adjustments outside the cab.

Serrated Steps

- Serrated steps allow for safe and easy access in and out of the cab. An additional center step provides more stability and shorter step lengths by the operator.

OMM container

- OMM (Operation and Maintenance Manual) is stored in a protective case on the attachment, where it can be conveniently accessed.

Bit options

- Concrete conical bits are standard on all models. Optional all purpose, heavy duty concrete, and heavy duty asphalt bits are also available. Tools to change out the bits are included.

Wheel width options

- Models are available with wheel widths of 80, 100, 130, 160, 200, 250 mm (3, 4, 5, 6, 8 and 10 inches) to suit a variety of needs.

Optional trench cleaning device

- The trench cleaning device is hydraulically operated from the operator's compartment. The blade can be controlled up and down to remove spoil and ensure a clean trench. Available on 100, 130, 160, 200 mm (4, 5, 6 and 8 inch) wheel widths.

Optional guide bar

- Guide bar allows operator to position wheel saw for a straight cut and aids in visibility.

Water kit ready

- Ports are strategically located to equip wheel saw with a water sprinkler kit along the hood. Not available on XD models.

Wheel Saws

Compatibility

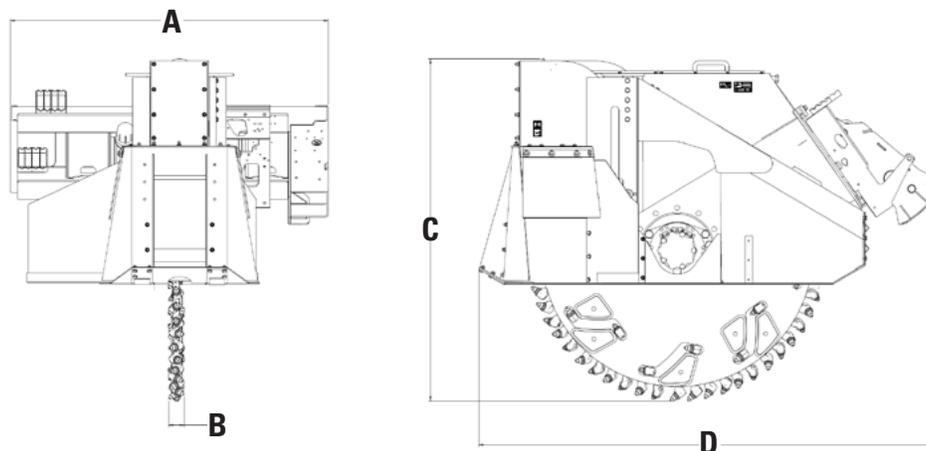
Model	Machines
SW345*	239D3, 246D3, 249D3, 257D3, 259D3, 262D3, 272D3, 272D3 XE, 279D3, 289D3, 299D3, 299D3 XE, 908M
SW360^	262D3, 272D3, 272D3 XE, 279D3, 289D3, 299D3, 299D3 XE
SW380	272D3 XE, 299D3 XE
SW460	272D3 XE, 299D3 XE
SW480	272D3 XE, 299D3 XE

*Requires high flow or high flow XPS option on machine. Operates in high flow XPS on XE machines. Requires high flow option on compact wheel loaders.

^Requires high flow XPS option on machine. Operates in high flow XPS on XE machines.

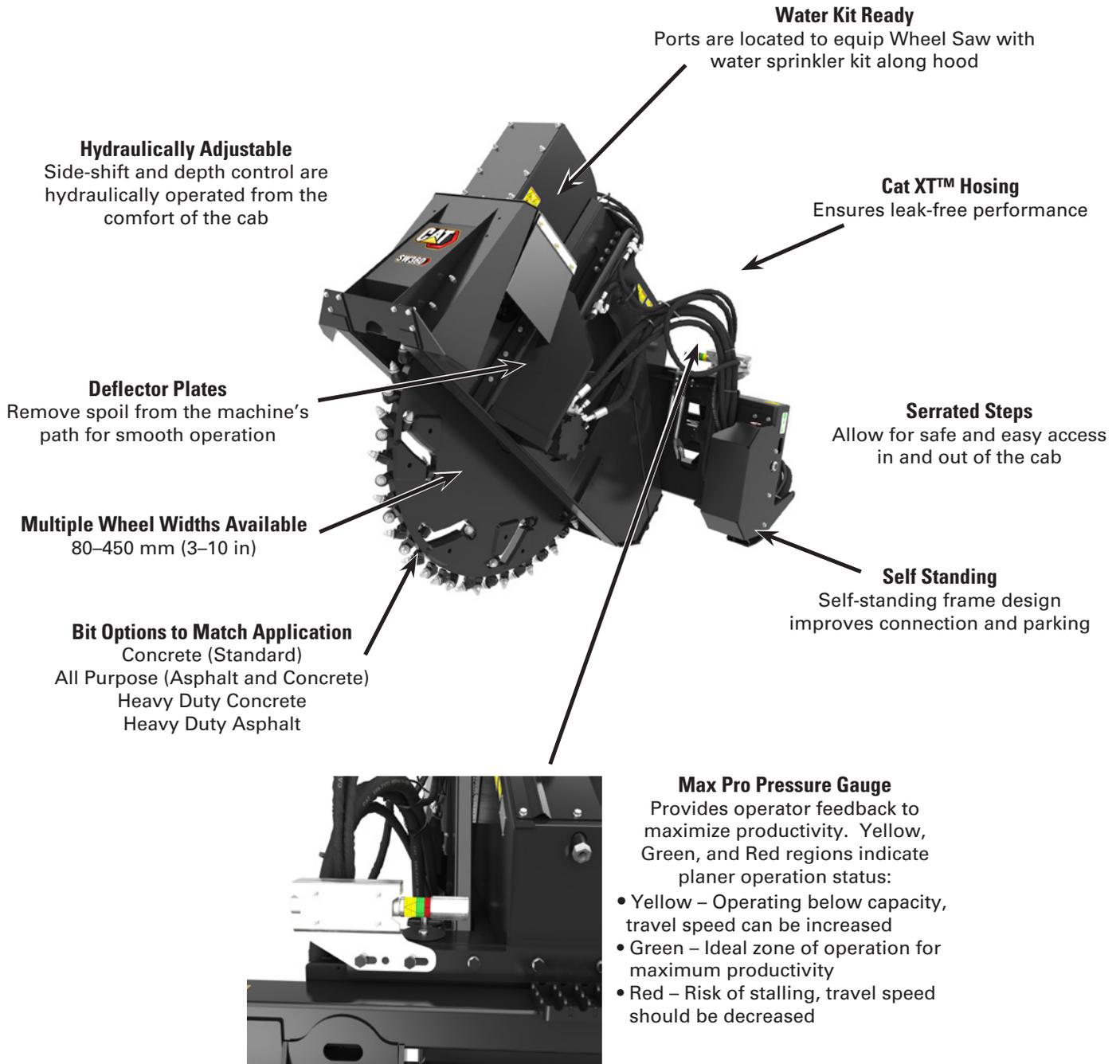
Current production machines listed. Machine model availability and attachment vary by region. Contact your local Cat dealer for exact compatibility and availability.

Specifications



			SW345	SW360	SW380	SW460	SW480
A Overall width	mm (in)		1655 (65)	1655 (65)	1655 (65)	1655 (65)	1655 (65)
B Wheel width	mm (in)		80 (3), 130 (5)	80 (3), 100 (4), 130 (5), 160 (6), 200 (8)	250 (10)	80 (3), 160 (6), 200 (8)	250 (10)
C Overall height	mm (in)		1455 (57)	1765 (69)	1860 (73)	1765 (69)	1860 (73)
D Length	mm (in)		2165 (85)	2417 (95)	2600 (102)	2417 (95)	2600 (102)
Weight	kg (lb)						
80 mm (3 in)			1126 (2482)	1440 (3175)		1440 (3175)	
100 mm (4 in)				1335 (2943)			
130 mm (5 in)			1016 (2240)	1365 (3009)			
160 mm (6 in)				1315 (2899)		1315 (2899)	
200 mm (8 in)				1325 (2921)		1325 (2921)	
250 mm (10 in)					1450 (3197)		1450 (3197)
Maximum Cutting Depth	mm (in)		450 (18)	600 (24)	800 (32)	600 (24)	800 (32)
Required Hydraulics			XPS	XPS	XPS	XHP/XE	XHP/XE
Optimal Hydraulic Flow	lpm (gpm)		125 (33)	125 (33)	125 (33)	150 (40)	150 (40)
Optimal Hydraulic Pressure	bar (psi)		280 (4000)	280 (4000)	280 (4000)	280 (4000)	280 (4000)
Motor Displacement	cm ³ /rev (in ³ /rev)		1404 (86)	1686 (103)	1686 (103)	1686 (103)	1686 (103)
Wheel Torque at Max Pressure	N-m (lb-ft)		6244 (4604)	7509 (5538)	7509 (5538)	7509 (5538)	7509 (5538)
Wheel Speed at Max Flow	rpm		89	74	74	89	89
Bit Speed at Max Flow	m/min (ft/min)		349 (1143)	360 (1180)	372 (1228)	430 (1420)	444 (1466)
Conical Bits per Wheel							
80 mm (3 in)			64	70		70	
100 mm (4 in)				80			
130 mm (5 in)			64	80			
160 mm (6 in)				96		96	
200 mm (8 in)				96		96	
250 mm (10 in)					72		72
Side Shift Travel	mm (in)		550 (22)	550 (22)	550 (22)	550 (22)	550 (22)
Trench Cleaning Device							
80 mm (3 in)			No	No		No	
100 mm (4 in)				Yes			
130 mm (5 in)			Yes	Yes			
160 mm (6 in)				Yes		Yes	
200 mm (8 in)				Yes		Yes	
250 mm (10 in)					No		No

Wheel Saws



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