



Cat®

B Series Cold Planers

Skid Steer Loaders
Multi Terrain Loaders
Compact Track Loaders
Compact Wheel Loaders

Cat® Cold Planers are designed for small paving jobs in residential and commercial applications, and are primarily used to economically restore asphalt and concrete surfaces. They are ideal for milling imperfections prior to resurfacing, removing deteriorated pavement, removing traffic lane stripes and jobs where the use of dedicated planers is limited.

Features:

Self-leveling design

- Self-leveling design automatically levels itself when placed on the ground for consistent depth control without operator adjustments and excellent spoil retention.

Two wear resistant skid plates

- Two wear resistant skid plates remain parallel to the ground for optimum stability.

Hydraulic side-shift

- Hydraulic side-shift permits close planing to curbs, walls and other obstructions.

Independent left/right depth control

- Independent left/right depth control allows maximum drum depths to be adjusted independently on each skid. The gauges are easily viewable from the cab. Independent depth control is mechanical on standard flow planers and hydraulic on high flow planers.

Max Pro Pressure Gauge

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

Float, spring tilt and hydraulic tilt

- Float enables planers to follow the contour of the surface. Float is activated by a knob and is only available on high flow and XHP planers. Spring tilt and hydraulic tilt enable planers to oscillate for angled cuts. Tilt is hydraulically controlled on high flow models and spring controlled on standard flow planers.

Direct drive on standard flow and planetary drive on high flow

- Direct drive system on the standard flow models features a variable speed, uni-directional, gerotor style hydraulic motor. Planetary drive system on the high flow and XHP models features a variable speed, uni-directional, axial piston style hydraulic motor mounted to a double reduction gearbox.

Optional concrete bits and water sprinkler kits

- Optional concrete bits and water sprinkler kits are available for all models.

Cat XT™ and medium pressure hose, couplings and O-ring face seals

- Cat XT and medium pressure hose, couplings and O-ring face seals provide superior, leak-free performance and reliability. All hoses are wrapped with nylon woven cordura sleeving for added operator protection. Hydraulic quick disconnects enable fast tool changes.

Quick coupler

- Rugged, opposing edge design holds the work tool securely and allows the operator to quickly change from one high performance Cat Work Tool to another.

Compatibility

Model	Machines
PC104B	216B3, 226B3, 236B3, 242B3, 247B3, 252B3, 257B3, 259B3, 246C, 256C, 262C/C2, 272C, 277C/C2, 279C/C2, 287C/C2, 289C/C2, 297C, 299C, 272D, 272D XHP, 299D, 299D XHP, 906H/H2, 907H/H2, 908H/H2
PC205B*^	216B3, 226B3, 236B3, 242B3, 247B3, 252B3, 257B3, 259B3, 246C, 256C, 262C/C2, 272C, 277C/C2, 279C/C2, 287C/C2, 289C/C2, 297C, 299C, 272D, 272D XHP, 299D, 299D XHP, 906H/H2, 907H/H2, 908H/H2
PC306B#^	226B3, 242B3, 257B3, 259B3, 246C, 256C, 262C/C2, 272C, 277C/C2, 279C/C2, 287C/C2, 289C/C2, 297C, 299C, 272D, 272D XHP, 299D, 299D XHP, 906H/H2, 907H/H2, 908H/H2
PC310B#^	257B3, 259B3, 246C, 256C, 262C/C2, 272C, 277C/C2, 279C/C2, 287C/C2, 289C/C2, 297C, 299C, 272D, 272D XHP, 299D, 299D XHP, 906H/H2, 907H/H2, 908H/H2
PC408B	272D XHP, 299D XHP
PC412B	272D XHP, 299D XHP

* Requires high flow option on machine, or case drain kit on standard flow machine. Operates in standard flow on high flow XPS or XHP option machines.

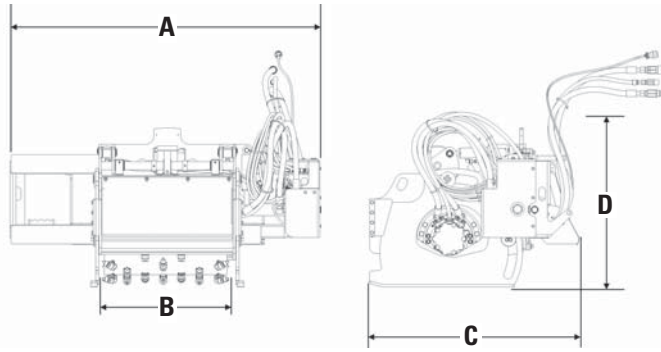
Requires high flow XPS option on machine. Operates in high flow XPS on XHP machines.

^ Requires a conversion kit for C Series, C Series 2 and H Series machines.



Cat B Series Cold Planers

Specifications



			PC104B		PC205B		PC306B		PC310B		PC408B		PC412B	
A Overall width	mm (in)		1730 (68)	1730 (68)	1730 (68)	1858 (74)	1858 (73)	1858 (73)	1858 (73)	1858 (73)	1858 (73)	1858 (73)	1858 (73)	1858 (73)
B Maximum drum width	mm (in)		350 (14)	450 (18)	600 (24)	1000 (39)	750 (30)	1200 (47)						
C Length	mm (in)		1120 (44)	1184 (47)	1240 (49)	1140 (45)	1270 (50)	1140 (45)	1270 (50)	1140 (45)	1270 (50)	1140 (45)	1270 (50)	1140 (45)
D Overall height	mm (in)		950 (37)	1080 (43)	1100 (43)	965 (38)	1100 (43)	965 (38)	1100 (43)	965 (38)	1100 (43)	965 (38)	1100 (43)	965 (38)
Weight	kg (lb)		670 (1,474)	730 (1,606)	935 (2,061)	1050 (2,310)	1050 (2,310)	1050 (2,310)	1050 (2,310)	1050 (2,310)	1050 (2,310)	1050 (2,310)	1050 (2,310)	1170 (2,580)
Optimum hydraulic flow	L/min (gpm)		60-80 (16-21)	80-115 (21-31)	100-125 (26-33)	125 (33)	150 (40)	150 (40)	150 (40)	150 (40)	150 (40)	150 (40)	150 (40)	150 (40)
Optimum hydraulic pressure	bar (psi)		230 (3,330)	230 (3,330)	230-280 (3,330-4,000)	280 (4,000)	280 (4,000)	280 (4,000)	280 (4,000)	280 (4,000)	280 (4,000)	280 (4,000)	280 (4,000)	280 (4,000)
Drum torque/max pressure	N·m lb-ft		1350 (996)	2047 (1,510)	3470 (2,558)	3350 (2,470)	3724 (2,746)	4108 (3,030)						
Drum speed @ max. flow	rpm		150-200	142-205	160	166	143	161						
Conical bits			42/350 mm (13.8 in) drum	48/450 mm (18 in) drum	60/600 mm (24 in) drum	78/1000 mm (40 in) drum	60/750 mm (30 in) drum	90/1200 mm (47 in) drum						
Standard bit type			All purpose	All purpose	All purpose	All purpose	Extreme Asphalt	Extreme Asphalt						
Maximum depth of cut	mm (in)		150 (6)	150 (6)	170 (7)	130 (5)	170 (7)	130 (5)						
Optional drum widths/depths	mm (in)		400/150 (16/6)	80/200 (3/8) 152/200 (6/8) 203/200 (8/8) 305/200 (12/8) 350/200 (14/8) 400/150 (16/6) 450/150 (18/6)	80/200 (3/8) 152/200 (6/8) 203/200 (8/8) 305/200 (12/8) 350/200 (14/8) 400/200 (16/8) 450/150 (18/6) 600/180 (24/7)	80/200 (3/8) 152/200 (6/8) 203/200 (8/8) 305/200 (12/8) 350/200 (14/8) 400/200 (16/8) 450/200 (18/8) 610/178 (24/7)	— —	80/200 (3/8) 152/200 (6/8) 203/200 (8/8) 305/200 (12/8) 350/200 (14/8) 400/200 (16/8) 450/200 (18/8) 610/178 (24/7)	— —					
Tilt angle range			±8.5°	±8.5°	±8°	±6.5°	±6.5°	±6.5°						
Side-shift travel	mm (in)		650 (26)	650 (26)	750 (30)	650 (26)	650 (26)	550 (22)						

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