



Cat[®]

Cold Planers

SKID STEER 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:

Direct drive system

- Direct drive system on the PC104 features a variable speed, uni-directional, gerotor-style hydraulic motor. Direct drive system on the PC105, high flow, high flow XPS and XHP/XE features a hydraulic radial piston motor to ensure maximum cutting rate and drum torque for optimal production performance and efficiency.

Self-leveling design

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

Float, spring tilt and hydraulic tilt

- Float enables planers to follow the contour of the surface. It is activated by turning a handle and is only available high flow, high flow XPS and XHP/XE 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.

Max Pro Pressure Gauge

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

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. Gauges are easily viewable from the cab. Independent depth control is mechanical on the PC104 and PC105 models; hydraulic independent depth control is standard on the PC305-PC412 models.

Replaceable Skid Plates

- Easily replaceable, wear-resistant skid shoes remain parallel to the ground for optimum stability.

Cut Mark

- Indicates contact point of drum with surface based on depth of cut, so an assistant can communicate with the operator when to start and stop the cut.

Drum Center Indicator

- Indicates center of the drum on the side of the planer.

Bit Options

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

Optional Integrated Water Tank

- Coupler frame-mounted water tank provides 42 gal (160 L) capacity. Can be combined with cab-mounted water tank for additional capacity and run time. PC306 and PC406 available with water tank installed. Water tank kit available for all models except XD models.



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Compatibility

Model	Machines
PC104	216B3, 226B3, 226D3, 232D3, 236D3, 239D3, 242D3, 246D3, 249D3, 257D3, 259D3, 262D3, 272D3, 272D3 XE, 279D3, 289D3, 299D3, 299D3 XE, 906M, 907M, 908M
PC105	216B3, 226B3, 226D3, 232D3, 236D3, 239D3, 242D3, 246D3, 249D3, 257D3, 259D3, 262D3, 272D3, 272D3 XE, 279D3, 289D3, 299D3, 299D3 XE, 906M, 907M, 908M
PC305*	226D3, 232D3, 236D3, 239D3, 242D3, 246D3, 249D3, 257D3, 259D3, 262D3, 272D3, 272D3 XE, 279D3, 289D3, 299D3, 299D3 XE, 906M, 907M, 908M
PC306*	226D3, 232D3, 236D3, 239D3, 242D3, 246D3, 249D3, 257D3, 259D3, 262D3, 272D3, 272D3 XE, 279D3, 289D3, 299D3, 299D3 XE, 906M, 907M, 908M
PC306 Water*	246D3, 262D3, 272D3, 272D3 XE, 279D3, 289D3, 299D3, 299D3 XE, 906M, 907M, 908M
PC306 XD^	272D3, 272D3 XE, 279D3, 289D3, 299D3, 299D3 XE
PC310*	246D3, 262D3, 272D3, 272D3 XE, 279D3, 289D3, 299D3, 299D3 XE, 906M, 907M, 908M
PC310 XD^	289D3, 299D3, 299D3 XE
PC406	272D3 XE, 299D3 XE
PC406 Water	272D3 XE, 299D3 XE
PC408	272D3 XE, 299D3 XE
PC412	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. Water kit not available on XD models.

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

Depth Gauge

Easy access to maintain and replace conical bits

Multiple bits available:

- All Purpose – Standard
- Concrete
- Heavy Duty Concrete
- Heavy Duty Asphalt

Individually adjustable and replaceable skid shoes

Drum center indicator locates center of drum

Cut mark indicator shows contact point of drum on ground surface

Float feature allows planer to follow undulating road surfaces

Optional integrated water tank housed inside coupler frame

Low-profile design improves operator visibility

SSL quick coupler allows for simple tool changes

Self-leveling planer adjusts to be flat on ground regardless of coupler orientation

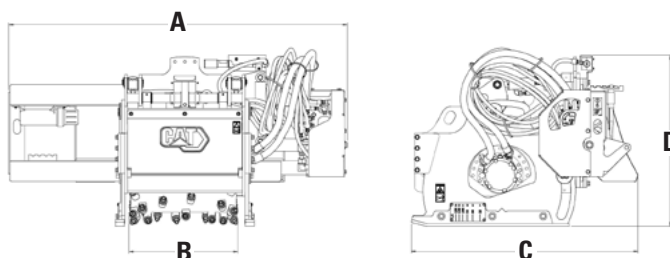
Direct drive translates all torque straight to the ground

Water sprinkler kits available

Max-pro gauge provides operator feedback to maximize productivity. Yellow, Green and Red regions indicate planer operation status:

- Yellow – Operating below capacity, travel speed can be increased
- Green – Ideal zone of operation for maximum productivity
- Red – Risk of stalling, travel speed should be decreased

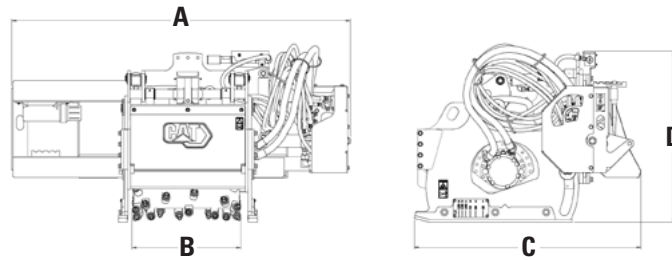
Specifications



		PC104	PC105	PC305	PC306	PC306 with Water Tank	PC306 XD
A Overall Width	mm (in)	1728 (68)	1728 (68)	1858 (73)	1858 (73)	1858 (73)	1858 (73)
B Working Width	mm (in)	350 (14)	450 (18)	450 (18)	600 (24)	600 (24)	600 (24)
C Overall Length	mm (in)	1117 (44)	1182 (47)	1248 (49)	1248 (49)	1432 (56)	1576 (62)
D Overall Height	mm (in)	941 (37)	928 (37)	930 (37)	930 (37)	930 (37)	1113 (44)
Weight	kg (lb)	682 (1504)	739 (1629)	848 (1870)	956 (2108)	1218 (2685)	1410 (3109)
Max Cutting Depth	mm (in)	150 (6)	150 (6)	170 (7)	170 (7)	170 (7)	250 (10)
Required Hydraulics		Standard Flow	Standard Flow	High Flow	High Flow	High Flow	High Flow XPS
Optimal Hydraulic Flow	lpm (gpm)	60-80 (16-22)	80-115 (21-30)	98-125 (26-33)	98-125 (26-33)	98-125 (26-33)	98-125 (26-33)
Optimal Hydraulic Pressure	bar (psi)	210-230 (3050-3300)	210-230 (3050-3300)	230-280 (3300-4000)	230-280 (3300-4000)	230-280 (3300-4000)	230-280 (3300-4000)
Drum Torque at Max Pressure	N-m (ft-lb)	1399 (1032)	1902 (1403)	3233 (2385)	3233 (2385)	3233 (2385)	4664 (3440)
Drum Speed at Max Flow	rpm	181	191	149	14	149	119
Side Shift Travel	mm (in)	650 (26)	650 (26)	750 (30)	750 (30)	750 (30)	650 (26)
Tilt Angle	degrees	±8.5	±8.5	±8	±8	±8	±5.5
Optional Drum Widths/Depths	mm (in)	400/150 (16/6)	75/200, 150/200, 200/200, 300/200, 450/150 (3/8, 6/8, 8/8, 12/8, 18/6)	80/200, 150/200, 300/200 (3/8, 6/8, 12/8)	80/200, 150/200, 300/200, 450/200, 600/170 (3/8, 6/8, 12/8, 18/8, 24/7)	80/200, 150/200, 300/200, 450/200, 600/170 (3/8, 6/8, 12/8, 18/8, 24/7)	N/A
Conical Bits		36	42	42	54	54	48

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Specifications



		PC310	PC310 XD	PC406	PC406 with Water Tank	PC408	PC412
A Overall Width	mm (in)	1858 (73)	1858 (73)	1858 (73)	1858 (73)	1858 (73)	1858 (73)
B Working Width	mm (in)	1000 (39)	1000 (39)	600 (24)	600 (24)	750 (30)	1200 (47)
C Overall Length	mm (in)	1125 (44)	1498 (59)	1270 (50)	1453 (57)	1270 (50)	1140 (45)
D Overall Height	mm (in)	935 (37)	1099 (43)	951 (37)	951 (37)	951 (37)	935 (37)
Weight	kg (lb)	1040 (2293)	1741 (3838)	987 (2176)	1249 (2754)	1045 (2304)	1160 (2557)
Max Cutting Depth	mm (in)	130 (5)	220 (9)	170 (7)	170 (7)	170 (7)	130 (5)
Required Hydraulics		High Flow XPS	High Flow XPS	High Flow XHP/XE	High Flow XHP/XE	High Flow XHP/XE	High Flow XHP/XE
Optimal Hydraulic Flow	lpm (gpm)	98-125 (26-33)	98-125 (26-33)	136-150 (36-40)	136-150 (36-40)	136-150 (36-40)	136-150 (36-40)
Optimal Hydraulic Pressure	bar (psi)	230-280 (3300-4000)	230-280 (3300-4000)	250-280 (3630-4000)	250-280 (3630-4000)	250-280 (3630-4000)	250-280 (3630-4000)
Drum Torque at Max Pressure	N-m (ft-lb)	3117 (2299)	4985 (3677)	4349 (3208)	4349 (3208)	4349 (3208)	3854 (2843)
Drum Speed at Max Flow	rpm	155	111	133	133	133	148
Side Shift Travel	mm (in)	587 (23)	650 (26)	650 (26)	650 (26)	650 (26)	515 (20)
Tilt Angle	degrees	±6.5	±5.5	±6.5	±6.5	±6.5	±6.5
Optional Drum Widths/Depths	mm (in)	N/A	N/A	N/A	N/A	N/A	N/A
Conical Bits		78	66	54	54	60	90

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

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