



# Cat<sup>®</sup> Augers

## Mini Hydraulic Excavators

Cat<sup>®</sup> Augers are used to drill holes for footings, fencing, sign posts, trees and shrubs in construction, agricultural and landscaping applications. Four models are available. The A7B provides the best performance in light duty applications. The A14B is ideal in light to moderate applications. The A19B and A26B are ideal for moderate to heavy duty applications.

### FEATURES:

#### Direct drive A7B and A14B augers

- Drive motor output shaft is splined directly into the auger bit drive shaft to prevent off-center loading, maximize power and extend motor life.

#### Single reduction planetary drive A19B auger

- Variable speed, bi-directional, gerotor style hydraulic motor is mounted to a planetary gearbox for optimal bit speed and output torque.

#### Double reduction planetary drive A26B auger

- Variable speed, bi-directional, gear style hydraulic motor is mounted to a planetary gearbox for optimal bit speed and output torque.

#### Exclusive Cat mounting bracket

- Exclusive Cat mounting bracket is common to all Cat Auger designs. It incorporates a full-width torque tube, an articulated joint, cradle, and feet stand. These features provide superior structural reinforcement, positioning flexibility, easy transportation, near-vertical storage, and easy work tool engagement.

#### Articulated joint

- Articulated joint ensures auger hangs straight, independent of machine positioning.

#### Mechanical swing stops

- Mechanical swing stops protect from auger over swing.

## Compatibility

### Model Machines

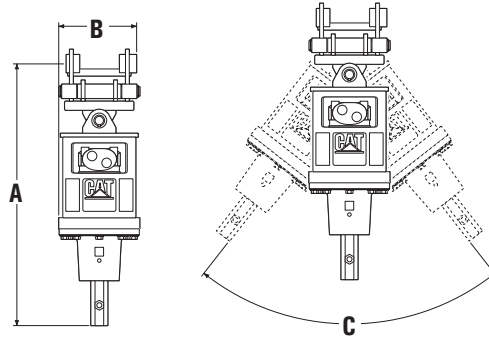
<b>A7B</b>	301.6C, 301.8C, 302.5C
<b>A14B</b>	302.5C, 303C CR, 303.5C CR
<b>A19B</b>	303C CR, 303.5C CR, 304C CR, 305C CR
<b>A26B</b>	305C CR

### Model Bit Diameters mm (in)

<b>A7B</b>	152 (6), 229 (9), 305 (12), 457 (18)
<b>A14B</b>	152 (6), 229 (9), 305 (12), 457 (18), 610 (24), 762 (30) Tree Bits: 610 (24)/305 (12)
<b>A19B</b>	152 (6), 229 (9), 305 (12), 457 (18), 610 (24), 762 (30), 914 (36) Tree Bits: 610 (24)/305 (12), 914 (36)/457 (18)
<b>A26B</b>	152 (6), 229 (9), 305 (12), 457 (18), 610 (24), 762 (30), 914 (36) Tree Bits: 610 (24)/305 (12), 914 (36)/457 (18)

# Cat Augers

## Specifications



			<b>A7B</b>		<b>A14B</b>		<b>A19B</b>		<b>A26B</b>	
<b>A</b> Overall drive unit height w/bracket	mm (in)		902 (35.5)		908 (35.7)		825 (32.5)		978 (39)	
<b>B</b> Overall width w/bracket	mm (in)		282 (11)		270 (10.6)		270 (10.6)		1152 (45)	
Swing range (fore/aft)			36°		70°		72°		60°	
<b>C</b> Swing range total			76°		76°		76°		76°	
Drive unit weight w/hyd. lines w/o bit	kg (lb)		74 (163)		84 (185)		79 (174)		102 (225)	
301.6C/301.8C total weight w/o bit	kg (lb)		79 (174)				189 (417)			
302.5C total weight w/o bit	kg (lb)		81 (179)		117 (257)					
303C CR/303.5C CR weight w/o bit	kg (lb)				120 (263)		93 (205)			
304C CR total weight w/o bit	kg (lb)						94 (207)			
305C CR total weight w/o bit	kg (lb)						94 (207)		107.5 (237)	
Drive gear reduction			1:1		1:1		4.5:1		34:1	
Motor displacement	cm <sup>3</sup> (in <sup>3</sup> )/rev		393 (24)		629.1 (38.4)		250 (15)		44 (2.7)	
Maximum hydraulic flow	L/min (gpm)		75 (20)		80 (21)		80 (21)		130 (34.3)	
Maximum hydraulic pressure	bar (psi)		206 (2,988)		230 (3,336)		230 (3,336)		290 (4,206)	
Drive shaft torque @ max pressure	N•m (lb•ft)		1105 (815)		2304 (1,700)		4120 (3,040)		6830 (5,040)	
Bit speed (drive shaft) @ max flow	rpm		191		127		71		87	

## Auger Bits and G.E.T. Options

Bit type		Std.	Std.	Std.	Std.	Std.	Std.	Std.	Tree	Tree
Bit diameter	mm (in)	152 (6)	229 (9)	305 (12)	457 (18)	610 (24)	762 (30)	914 (36)	610 (24)	914 (36)
									305 (12)	457 (18)
Bit weight	kg (lb)	23 (50)	34 (75)	46 (100)	65 (144)	92 (200)	126 (275)	172 (380)	74 (163)	141 (310)
Bit ext.	mm (in)	305 (12)	305 (12)	305 (12)	305 (12)	305 (12)	305 (12)	305 (12)	305 (12)	305 (12)
		610 (24)	610 (24)	610 (24)	610 (24)	610 (24)	610 (24)	610 (24)	610 (24)	610 (24)
Teeth		2	4	4	6	8	10	12	9	13

NOTE: Soil type and soil condition dictates auger bit size and performance.

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at [www.cat.com](http://www.cat.com)

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