



# Cat<sup>®</sup> Augers

SKID STEER LOADERS

MULTI TERRAIN LOADERS

COMPACT TRACK LOADERS

COMPACT WHEEL LOADERS

BACKHOE LOADERS

MINI EXCAVATORS

Cat<sup>®</sup> Augers are used for drilling holes for footings, fencing, signs, trees and shrubs in construction, agricultural, and landscaping applications. They are designed with the right amount of speed and torque for maximum productivity in a broad range of soil types.

## Features:

### Multiple drive systems

Three different drive systems, all designed with the right amount of speed and torque for working in a broad range of soil types.

- A7B and A14B feature a variable speed, bi-directional, gerotor style hydraulic motor that generates optimal bit speed and output torque for light to moderate-duty work.
- A19B features a variable speed, bi-directional, single reduction planetary drive gerotor style hydraulic motor mounted to a planetary gear box for optimal bit speed and output torque for moderate to heavy-duty applications.
- A26B features variable speed, bi-directional, double reduction planetary drive hydraulic gear motor mounted to a planetary gear box for optimal bit speed and output torque for moderate to heavy-duty, high-performance drilling requirements.

### Rugged mounting bracket

- Exclusive Cat mounting bracket for superior structural reinforcement, positioning flexibility, easy transportation, and near vertical storage. Also includes serrated step to allow safer and easier access into the cab.

### Articulated joint

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

### Mechanical swing stops

- Mechanical swing stops protect from auger over swing.

### Rugged bits for every application

- Bits are rugged and adaptable to a number of projects. Standard bits, industrial bits, industrial rock bits and tree bits are offered to cover a wide variety of applications and ground conditions.

### Extensions and adapters

- Various extensions allow for drilling deeper and adapters allow auger drives to rotate hex and round shaft bit designs. Retention pin reduces time to auger flight changes.
- Optional bolt-on drill head is available to convert standard flight for more aggressive applications.

## Compatibility

Model	Machines
<b>A7B</b>	301.4C, 301.7D, 301.7D CR, 302.2D, 302.4D, 302.7D CR
<b>A14B</b>	216B3, 226B3, 226D, 232D, 236D, 239D, 242D, 246D, 249D, 257D, 259D, 262D, 272D2, 272D2 XHP, 277D, 279D, 287D, 289D, 297D2, 297D2 XHP, 299D2, 299D2 XHP, 302.2D, 302.4D, 302.7D CR, 303E CR, 303.5E CR, 303.5E2 CR, 304E2 CR, 304.5E2 XTC, 903C2, 906K, 907K, 908K, 906M, 907M, 908M
<b>A19B</b>	216B3, 226B3, 226D, 232D, 236D, 239D, 242D, 246D, 249D, 257D, 259D, 262D, 272D2, 272D2 XHP, 277D, 279D, 287D, 289D, 297D2, 297D2 XHP, 299D2, 299D2 XHP, 303E CR, 303.5E CR, 303.5E2 CR, 304E2 CR, 304.5E2 XTC, 305E2 CR, 305.5E2 CR, 306E2, 903C2, 906K, 907K, 908K, 906M, 907M, 908M
<b>A26B*</b>	226B3, 242D, 246D, 257D, 259D, 262D, 272D2, 272D2 XHP, 277D, 279D, 287D, 289D, 297D2, 297D2 XHP, 299D2, 299D2 XHP, 305E2 CR, 305.5E2 CR, 306E2, 307E, 307E2, 308E CR, 308E2 CR, 415F2, 416F2, 420F, 420F2, 422F2, 426F2, 427F2, 428F2, 430F, 430F2, 432F2, 434F2, 444F2, 908K, 908M

\*Requires high flow or high flow XPS option on SSL/MTL/CTL machines.

Machine model availability and attachment vary by region. Please contact your local dealer for availability.

Model	Bit Diameters mm (in)
<b>A7B</b>	(standard) 102 (4), 152 (6), 229 (9), 305 (12), 380 (15), 457 (18)
<b>A14B</b>	(standard) 102 (4), 152 (6), 229 (9), 305 (12), 380 (15), 457 (18), 610 (24) (rock head) 152 (6), 229 (9), 305 (12) (industrial) 152 (6), 229 (9), 305 (12) (industrial rock) 152 (6), 229 (9), 305 (12) (tree) 610 (24)/305 (12)
<b>A19B</b>	(standard) 102 (4), 152 (6), 229 (9), 305 (12), 380 (15), 457 (18), 610 (24), 762 (30) (rock head) 152 (6), 229 (9), 305 (12) (industrial) 152 (6), 229 (9), 305 (12) (industrial rock) 152 (6), 229 (9), 305 (12) (tree) 610 (24)/305 (12)
<b>A26B</b>	(standard) 102 (4), 152 (6), 229 (9), 305 (12), 380 (15), 457 (18), 610 (24), 762 (30), 914 (36) (rock head) 152 (6), 229 (9), 305 (12), 380 (15), 457 (18), 610 (24) (industrial) 152 (6), 229 (9), 305 (12), 405 (16), 457 (18), 610 (24), 762 (30), 914 (36), 1067 (42), 1219 (48) (industrial rock) 152 (6), 229 (9), 305 (12), 405 (16), 457 (18), 508 (20), 610 (24), 762 (30), 914 (36) (tree) 610 (24)/305 (12), 914 (36)/457 (18)

## Flights



610 mm (24 in)  
Standard flight

610 mm (24 in)  
Bolt-on rock head



152 mm (6 in)  
Industrial flight



405 mm (16 in)  
Industrial rock flight



610 mm (24 in)  
Tree flight

### Standard Flight

- Hardened teeth retained by bolt and nut.

### Bolt-on Rock Head

- For use with standard flights. Transforms standard bit to rock drill. Rotating bits extend life and provide better penetration into rocky conditions.

### Industrial Flight

- Hardened teeth retained by press fit, easily changed with soft hammer.

### Industrial Rock Flight

- Welded on, rotating conical bits provide better penetration into rocky substrate.

### Tree Flight

- Conical auger flight to drill holes for trees with root balls.

## Accessories



### Extensions

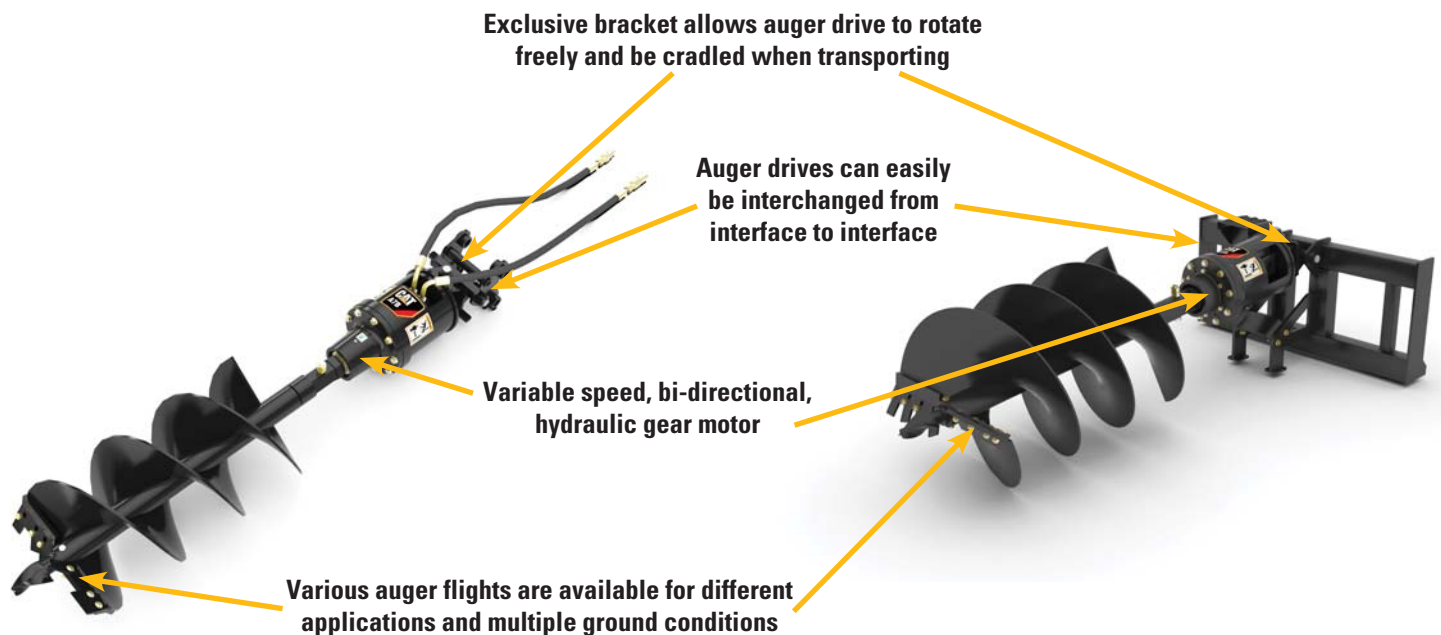
- Extensions allow for deeper drilling. Available in 12 inches to 6 feet in length.

### Adapters

- Adapters allow auger drives to rotate hex and round drive flights.

*Hex to Round Adapter*

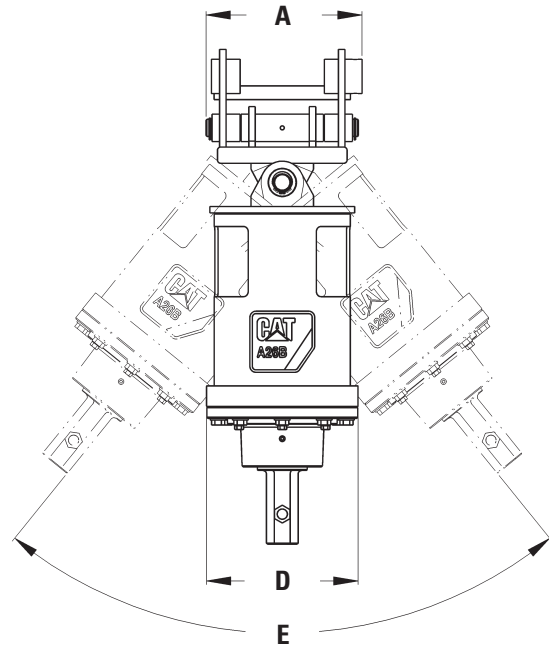
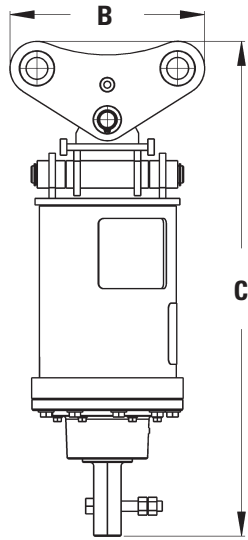
*Round to Hex Adapter*



## Specifications – Auger Bits and Accessories

<b>Bit type</b>		<b>Standard</b>	<b>Standard</b>	<b>Standard</b>	<b>Standard</b>	<b>Standard</b>
Bit diameter	mm (in)	102 (4)	152 (6)	229 (9)	305 (12)	381 (15)
Bit weight	kg (lb)	18 (40)	23 (50)	34 (75)	45 (100)	49 (109)
Teeth		0	2	4	4	5
<b>Bit type</b>		<b>Standard</b>	<b>Standard</b>	<b>Standard</b>	<b>Standard</b>	<b>Standard</b>
Bit diameter	mm (in)	457 (18)	610 (24)	762 (30)	914 (36)	
Bit weight	kg (lb)	65 (144)	91 (200)	96 (212)	172 (380)	
Teeth		6	8	10	12	
<b>Bit type</b>		<b>Industrial Rock</b>	<b>Industrial Rock</b>	<b>Industrial Rock</b>	<b>Industrial Rock</b>	<b>Industrial Rock</b>
Bit diameter	mm (in)	152 (6)	229 (9)	305 (12)	405 (16)	457 (18)
Bit weight	kg (lb)	35 (78)	48 (107)	61 (134)	76 (167)	87 (191)
Teeth		8	10	12	15	16
<b>Bit type</b>		<b>Industrial Rock</b>	<b>Industrial Rock</b>	<b>Industrial Rock</b>	<b>Industrial Rock</b>	
Bit diameter	mm (in)	508 (20)	610 (24)	762 (30)	914 (36)	
Bit weight	kg (lb)	98 (217)	127 (281)	141 (310)	186 (409)	
Teeth		17	20	24	26	
<b>Bit type</b>		<b>Industrial</b>	<b>Industrial</b>	<b>Industrial</b>	<b>Industrial</b>	<b>Industrial</b>
Bit diameter	mm (in)	152 (6)	229 (9)	305 (12)	405 (16)	457 (18)
Bit weight	kg (lb)	26 (57)	33 (72)	41 (91)	52 (114)	49 (107)
Teeth		2	4	4	6	6
<b>Bit type</b>		<b>Industrial</b>	<b>Industrial</b>	<b>Industrial</b>	<b>Industrial</b>	
Bit diameter	mm (in)	610 (24)	762 (30)	914 (36)	1067 (42)	
Bit weight	kg (lb)	68 (151)	82 (180)	101 (223)	131 (289)	
Teeth		8	10	12	16	
<b>Bit type</b>		<b>Industrial</b>	<b>Rock Head</b>	<b>Rock Head</b>	<b>Rock Head</b>	<b>Rock Head</b>
Bit diameter	mm (in)	1219 (48)	152 (6)	229 (9)	305 (12)	380 (15)
Bit weight	kg (lb)	156 (343)	10 (23)	15 (33)	19 (41)	21 (47)
Teeth		18	8	10	12	14
<b>Bit type</b>		<b>Rock Head</b>	<b>Rock Head</b>	<b>Tree</b>	<b>Tree</b>	
Bit diameter	mm (in)	457 (18)	610 (24)	610 (24) 305 (12)	914 (36) 457 (18)	
Bit weight	kg (lb)	25 (55)	36 (79)	74 (163)	140 (309)	
Teeth		16	20	5/4	7/6	
<b>Extensions</b>		<b>0.3 m (1 ft)</b>	<b>0.6 m (2 ft)</b>	<b>0.9 m (3 ft)</b>	<b>1.8 m (6 ft)</b>	
Overall length	mm (in)	305 (12)	610 (24)	914 (36)	1829 (72)	

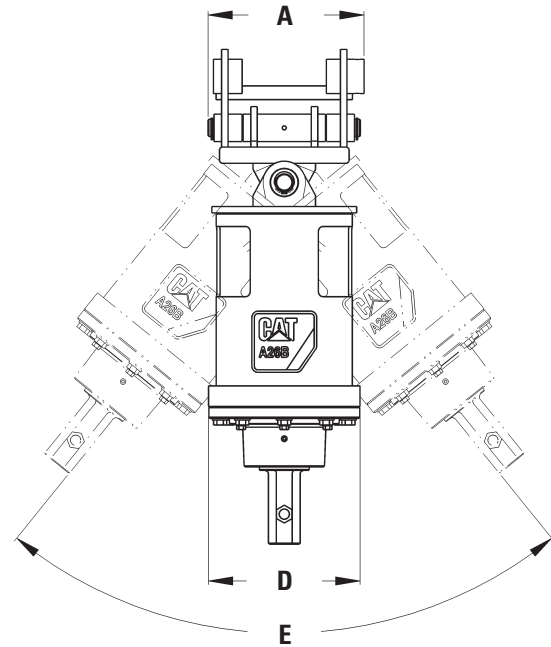
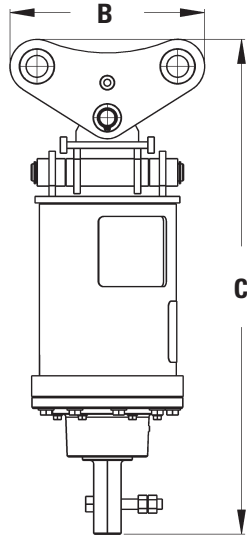
Specifications



			MHE A7B	MHE A14B	MHE A19B
<b>A</b> Overall width with bracket	mm (in)		280 (11)	282-300 (11-12)	289-300 (11-12)
<b>B</b> Overall length with bracket	mm (in)		280 (11)	282 (11)	282-361 (11-14)
<b>C</b> Overall drive unit height	mm (in)		900 (35)	947-958 (37-38)	875 (35)
<b>D</b> Housing diameter	mm (in)		280 (11)	280 (11)	280 (11)
<b>E</b> Swing range	degree		76	76	76
Total weight without bit	kg (lb)		78-81 (171-179)	117-120 (257-264)	92-95 (205-209)
Required hydraulic flow	L/min (gpm)		75-90 (20-24)	42-83 (11-22)	42-83 (11-22)
Optimal hydraulic pressure	bar (psi)		105-150 (1,523-2,176)	145-235 (2,100-3,400)	145-235 (2,100-3,400)
Motor displacement	cm <sup>3</sup> /rev (in <sup>3</sup> )		393 (24)	629 (38)	250 (15.26)
Drive shaft torque @ maximum pressure*	N·m (lb·ft)		1105 (815)	2304 (1,700)	4120 (3,040)
Bit speed (drive shaft) @ maximum flow	rpm		191	127	71
HEX output shaft	mm (in)		51 (2)	51 (2)	51 (2)

\*Theoretical values calculated at 100% efficiency.

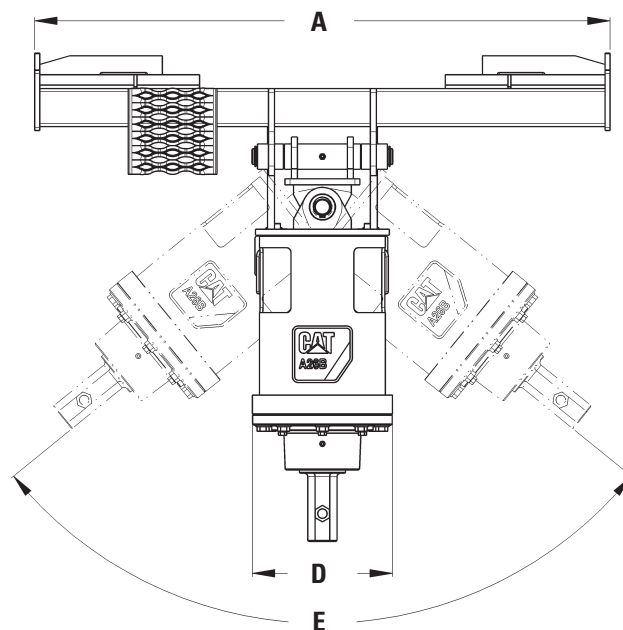
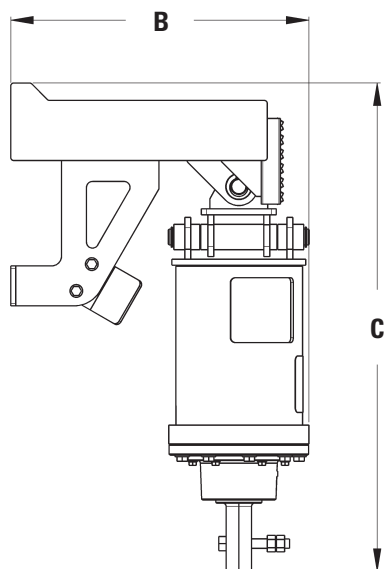
## Specifications



		<b>MHE</b>		<b>BHL</b>	
		<b>A26B</b>		<b>A26B</b>	
<b>A</b> Overall width with bracket	mm (in)	289-354	(11-14)	358-1152	(14-45)
<b>B</b> Overall length with bracket	mm (in)	316-445	(14-18)	668	(26)
<b>C</b> Overall drive unit height	mm (in)	916	(36)	1006-1097	(40-43)
<b>D</b> Housing diameter	mm (in)	280	(11)	280	(11)
<b>E</b> Swing range	degree	76		76-117	
Total weight without bit	kg (lb)	106-107	(234-236)	183-201	(404-443)
Required hydraulic flow	L/min (gpm)	95-130	(25-34)	95-130	(25-34)
Optimal hydraulic pressure	bar (psi)	207-290	(3,002-4,206)	207-290	(3,002-4,206)
Motor displacement	cm <sup>3</sup> /rev (in <sup>3</sup> )	44	(3)	44	(3)
Drive shaft torque @ maximum pressure*	N·m (lb·ft)	6826	(5,034)	6830	(5,040)
Bit speed (drive shaft) @ maximum flow	rpm	81		81	
HEX output shaft	mm (in)	51	(2)	51	(2)

\*Theoretical values calculated at 100% efficiency.

Specifications



			SSL		SSL		SSL
			A14B		A19B		A26B
<b>A</b> Overall width with bracket	mm (in)		1152 (45)		1152 (45)		1152 (45)
<b>B</b> Overall length with bracket	mm (in)		598 (24)		598 (24)		598 (24)
<b>C</b> Overall drive unit height	mm (in)		1020 (40)		934 (37)		978 (39)
<b>D</b> Housing diameter	mm (in)		252 (10)		252 (10)		252 (10)
<b>E</b> Swing range	degree		102		102		102
Mounting frame weight with clevis	kg (lb)		91 (201)		91 (201)		91 (201)
Total weight without bit	kg (lb)		192 (423)		166 (366)		182 (401)
Required hydraulic flow	L/min (gpm)		42-83 (11-22)		42-83 (11-22)		95-130 (25-34)
Optimal hydraulic pressure	bar (psi)		145-235 (2,100-3,400)		145-235 (2,100-3,400)		207-290 (3,002-4,206)
Motor displacement	cm <sup>3</sup> /rev (in <sup>3</sup> )		629 (38)		250 (15)		44 (3)
Drive shaft torque @ maximum pressure*	N·m (lb·ft)		2304 (1,700)		4118 (3,037)		6826 (5,034)
Bit speed (drive shaft) @ maximum flow	rpm		127		71		81
HEX output shaft	mm (in)		51 (2)		51 (2)		51 (2)

\*Theoretical values calculated at 100% efficiency.

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