

AUGERS

SKID STEER LOADERS
COMPACT TRACK LOADERS
COMPACT WHEEL LOADERS
MINI HYDRAULIC EXCAVATORS
BACKHOE LOADERS



Models
A11, A23, A41, A68

Machine model availability and attachment vary by region. Contact your local Cat® dealer for exact compatibility and availability.



Cat® 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. Augers are for use on skid steer loaders, compact track loaders, compact wheel loaders, mini hydraulic excavators and backhoe loaders.

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.

- + A11 and A23 feature a variable speed, bi-directional, gerotor style hydraulic motor that generates optimal bit speed and output torque for light to moderate-duty work.
- + A41 features a variable speed, bi-directional gerotor style hydraulic motor mounted to a single reduction planetary gear box for optimal bit speed and torque for moderate to heavy duty applications.
- + A68 features variable speed, bi-directional, gerotor style hydraulic motor mounted to a double reduction planetary gear box for optimal bit speed and output torque for moderate to heavy-duty, high-performance drilling requirements.



RUGGED MOUNTING BRACKET

Exclusive Cat skid steer loader mounting bracket allows auger to swing freely while drilling, but cradles auger drive to prevent unwanted movement when in the transport position. Support legs below cradle offer a stable platform for auger to rest on when not mounted to a machine. Serrated sidestep provides secure footing when entering and exiting the machine.



RUGGED BITS FOR EVERY APPLICATION

Bits are rugged and adaptable for several projects. Standard bits, industrial bits, industrial rock bits and tree bits are offered to cover a wide variety of applications and ground conditions. Optional bolt-on drill head is available to convert standard flight for more aggressive applications.



EXTENSIONS AND ADAPTERS

Various extensions allow for drilling deeper and adapters allow auger drives to use both hex and round shaft style bits. Retention pin reduces time in auger flight changes.



ARTICULATED JOINT

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



MECHANICAL SWING STOPS

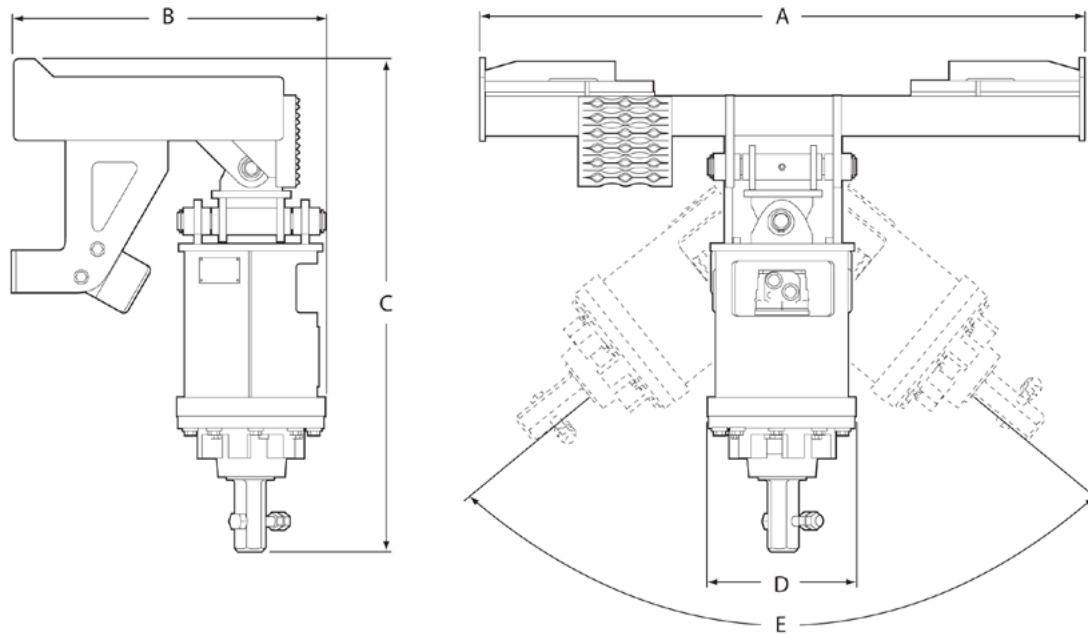
Mechanical swing stops protect from auger over swing.



STANDARD TWO-YEAR WARRANTY

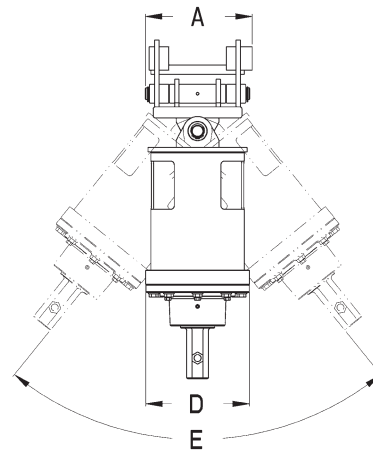
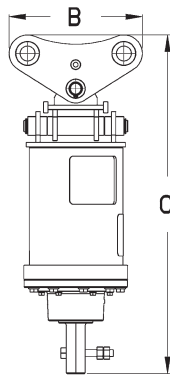
All augers come standard with a two-year warranty to give you peace of mind when purchasing a quality, Cat Auger.

SPECIFICATIONS



SKID STEER LOADERS			
Model	A23	A41	A68
Compatibility	SSL/CTL – 216B3-299D3, 255-265, CWL – 903-908		
Mounting Bracket	Skid Steer Coupler		
A Overall Width with Bracket – mm (in)	1152 (45)	1152 (45)	1152 (45)
B Overall Length with Bracket– mm (in)	598 (23.5)	598 (23.5)	598 (23.5)
C Overall Height – mm (in)	1020 (40)	934 (37)	978 (38.5)
D Housing Diameter – mm (in)	252 (9.9)	252 (9.9)	252 (9.9)
E Swing Range (left/right) – degrees	102°	102°	102°
Weight – kg (lb)	192 (423)	166 (366)	182 (401)
Drive Shaft Torque at Maximum Pressure – N·m (lb-ft)	2304 (1699)	4118 (3037)	6826 (5035)
Bit Speed at Maximum Flow – rpm	127	71	81
Motor Displacement – cm ³ /rev (in ³ /rev)	629 (38.4)	250 (15.3)	43.7 (2.7)
Optimal Hydraulic Flow – L/min (gpm)	42-83 (11-22)	42-83 (11-22)	95-130 (25-34)
Optimal Hydraulic Pressure – bar (psi)	145-235 (2100-3400)	145-235 (2100-3400)	207-290 (3002-4206)
Required Hydraulics	STD Flow	STD Flow	High Flow XPS
HEX Output Shaft – mm (in)	51 (2)	51 (2)	51 (2)
STD = standard			
CWL = compact wheel loader, 903 is not compatible with A68			
SSL/CTL = skid steer loader/compact track loader			

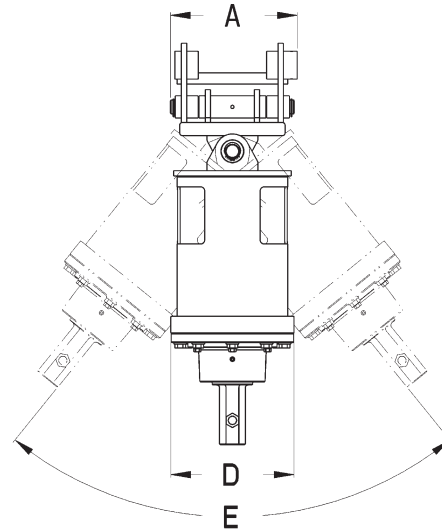
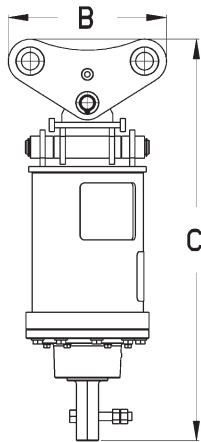
SPECIFICATIONS



MINI HYDRAULIC EXCAVATORS				
Model	A11	A11	A23	A23
Compatibility	1 Ton	2 Ton	2 Ton	3 Ton
Mounting Bracket	Pin on			
A Overall Width with Bracket – mm (in)	280 (11)		282 (11)	300 (11.8)
B Overall Length with Bracket– mm (in)	280 (11)		282 (11)	
C Overall Height – mm (in)	900 (35.4)		947 (37.3)	958 (37.7)
D Housing Diameter – mm (in)	280 (11)		280 (11)	
E Swing Range (left/right) – degrees	76°		76°	
Weight – kg (lb)	79 (174)	81 (178)	117 (258)	120 (265)
Drive Shaft Torque – Maximum Pressure – N·m (lb-ft)	1105 (815)		2304 (1699)	
Bit Speed at Maximum Flow – rpm	191		127	
Motor Displacement – cm ³ /rev (in ³ /rev)	393 (24)		629 (38.4)	
Optimal Hydraulic Flow – L/min (gpm)	75-90 (20-24)		42-83 (11-22)	
Optimal Hydraulic Pressure – bar (psi)	105-150 (1523-2176)		145-235 (2100-3400)	
HEX Output Shaft – mm (in)	51 (2)		51 (2)	

Model	A41	A41	A68	A68
Compatibility	3 Ton	5 Ton	5 Ton	8 Ton
Mounting Bracket	Pin on			
A Overall Width with Bracket – mm (in)	300 (11.8)	289 (11.4)	289 (11.4)	354 (13.9)
B Overall Length with Bracket– mm (in)	282 (11.1)	361 (14.2)	361 (14.2)	445 (17.5)
C Overall Height – mm (in)	875 (34.4)		916 (36.1)	
D Housing Diameter – mm (in)	280 (11)		280 (11)	
E Swing Range (left/right) – degrees	76°		76°	
Weight – kg (lb)	92 (203)	94 (207)	106 (234)	147 (324)
Drive Shaft Torque – Maximum Pressure – N·m (lb-ft)	4120 (3038.8)		6826 (5035)	
Bit Speed at Maximum Flow – rpm	71		81	
Motor Displacement – cm ³ /rev (in ³ /rev)	250 (15.3)		44 (2.7)	
Optimal Hydraulic Flow – L/min (gpm)	42-83 (11-22)		95-130 (25-34)	
Optimal Hydraulic Pressure – bar (psi)	145-235 (2100-3400)		207-290 (3002-4206)	
HEX Output Shaft – mm (in)	51 (2)		51 (2)	

SPECIFICATIONS



BACKHOE LOADERS		
Model	A68	A68
Compatibility	415-450	415-450
Mounting Bracket	Pin on	¼ yd Pin Lock
A Overall Width with Bracket – mm (in)	358 (14)	1152 (45)
B Overall Length with Bracket– mm (in)	650 (25.6)	658 (26.3)
C Overall Height – mm (in)	1006 (39.6)	1097 (43.2)
D Housing Diameter – mm (in)	280 (11)	280 (11)
E Swing Range (left/right) – degrees	76°	105°
Weight – kg (lb)	183 (403)	201 (443)
Drive Shaft Torque at Maximum Pressure – N·m (lb-ft)	6830 (5037.5)	6830 (5037.5)
Bit Speed at Maximum Flow – rpm	81	81
Motor Displacement – cm³/rev (in³/rev)	44 (2.7)	44 (2.7)
Optimal Hydraulic Flow – L/min (gpm)	95-130 (25-34)	95-130 (25-34)
Optimal Hydraulic Pressure – bar (psi)	207-290 (3002-4206)	207-290 (3002-4206)
HEX Output Shaft – mm (in)	51 (2)	51 (2)

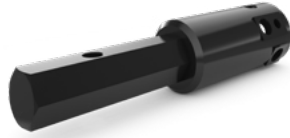
AUGER ACCESSORIES

ADAPTERS

Adapters allow auger drives to use both hex and round shaft style bits.



HEX TO ROUND ADAPTER



ROUND TO HEX ADAPTER



RETENTION PIN

RETENTION PIN KIT

Retention pin allows for quick exchange of auger flights to the drive unit and depth adjustment of the extension.

EXTENSIONS

Various extensions allow Cat auger system to drill deeper. Telescoping extensions have holes in 305 mm (12 in) increments for intermediate depths.



305 MM (12 IN) EXTENSION



610 MM (24 IN) EXTENSION



**914 MM (3 FT)
TELESCOPING EXTENSION**



**1829 MM (6 FT)
TELESCOPING EXTENSION**



STANDARD FLIGHT

General purpose flight for medium soil. Hardened teeth are retained by bolt and nut.



BOLT-ON ROCK HEAD FLIGHT

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



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. Extra thick flange reduces risk of bending when drilling in rocky soils. Hard face welding on primary flange increases wear life of the flight.



TREE FLIGHT

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

AUGER FLIGHTS

STANDARD BIT

Diameter – mm (in)	102 (4)	152 (6)	229 (9)	305 (12)	381 (15)
Weight – kg (lb)	18 (40)	23 (51)	34 (75)	46 (101)	50 (111)
Number of Teeth	0	2	4	4	5
Diameter – mm (in)	457 (18)	610 (24)	762 (30)	914 (36)	
Weight – kg (lb)	65 (143)	92 (203)	128 (282)	173 (381)	
Number of Teeth	6	8	10	12	

BOLT-ON ROCK HEAD BIT (for Standard Bit)

Diameter – mm (in)	152 (6)	229 (9)	305 (12)	381 (15)	457 (18)
Weight – kg (lb)	11 (23)	15 (33)	19 (41)	21 (47)	25 (55)
Number of Teeth	8	10	12	14	16
Diameter – mm (in)	610 (24)				
Weight – kg (lb)	36 (79)				
Number of Teeth	20				

INDUSTRIAL BIT

Diameter – mm (in)	152 (6)	229 (9)	305 (12)	406 (16)	457 (18)
Weight – kg (lb)	26 (57)	33 (73)	41 (90)	52 (115)	49 (108)
Number of Teeth	2	4	4	6	6
Diameter – mm (in)	610 (24)	762 (30)	914 (36)	1067 (42)	1219 (48)
Weight – kg (lb)	68 (150)	82 (181)	101 (223)	132 (291)	156 (344)
Number of Teeth	8	10	12	16	18

INDUSTRIAL ROCK BIT

Diameter – mm (in)	152 (6)	229 (9)	305 (12)	406 (16)	457 (18)
Weight – kg (lb)	36 (79)	49 (108)	61 (135)	76 (167)	87 (192)
Number of Teeth	8	10	12	15	16
Diameter – mm (in)	508 (20)	610 (24)	762 (30)	914 (36)	
Weight – kg (lb)	99 (218)	128 (282)	141 (311)	186 (410)	
Number of Teeth	17	20	24	26	

TREE BIT

Diameter (Major) – mm (in)	610 (24)	914 (36)
Diameter (Minor) – mm (in)	610 (24)	914 (36)
Weight – kg (lb)	74 (163)	140 (309)
Number of Teeth	9	13

AUGER DRIVE UNITS



AUGER DRIVE UNITS

Can be purchased separately to allow you to replace a worn out unit or to upgrade your current auger setup to more power.

DRIVES				
Model	A11	A23	A41	A68
Weight – kg (lb)	69 (152)	90 (199)	72 (159)	98 (216.5)
Drive Shaft Torque – Maximum Pressure – N·m (lb-ft)	1105 (815)	2304 (1699)	4118 (3037)	6826 (5035)
Bit Speed at Maximum Flow – rpm	191	127	71	81
Motor Displacement – cm ³ /rev (in ³ /rev)	393 (24)	629 (38.4)	250 (15.3)	44 (2.7)
Optimal Hydraulic Flow – L/min (gpm)	75-90 (20-24)		42-83 (11-22)	95-130 (25-34)
Optimal Hydraulic Pressure – bar (psi)	105-150 (1523-2176)		145-235 (2100-3400)	207-290 (3002-4206)
Required Hydraulics		Standard Flow		High Flow XPS
HEX Output Shaft – mm (in)	51 (2)			



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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(Global)

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