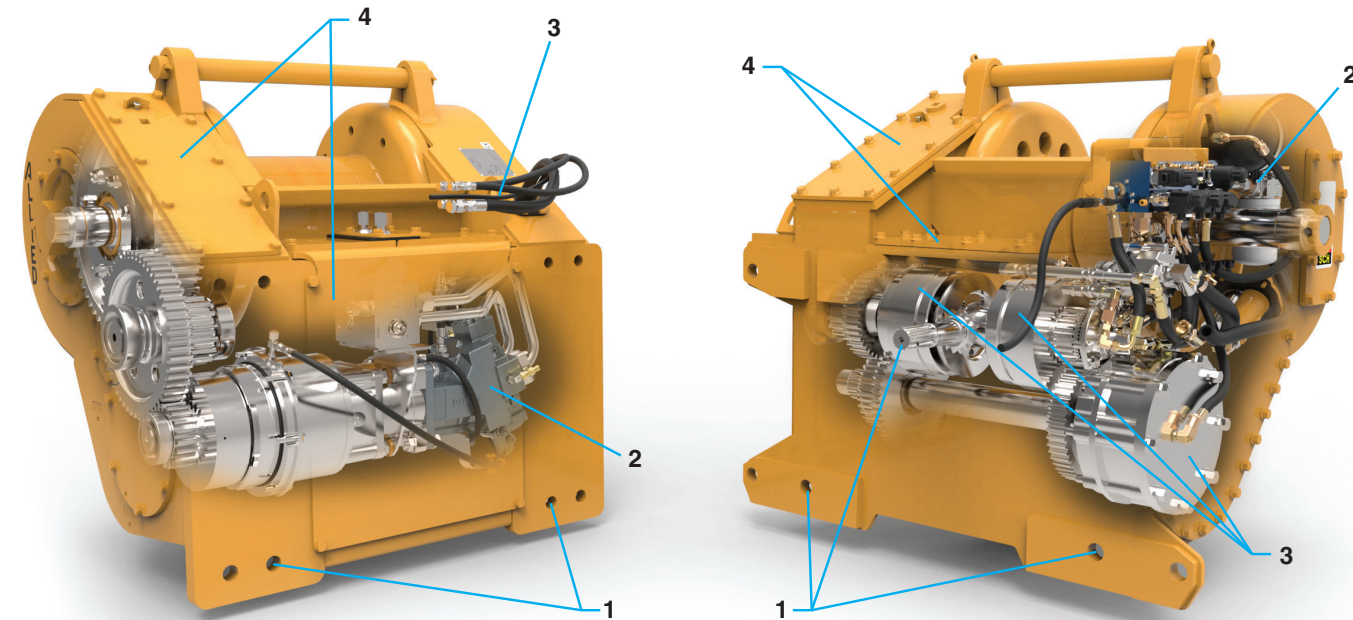


Allied Winches for Caterpillar Dozers



Features

Hydraulic Winch Features

1. Simple "Plug and Play" installation – just bolt the winch to the dozer. No need for "winch ready" option on dozer
2. Motor turns only on demand – less wear and tear, quiet operation.
3. Finger tip precision control – line speeds as fine as 0.5 ft/min (150 mm/min).
4. Large covers for easy service access.

PTO Winch Features

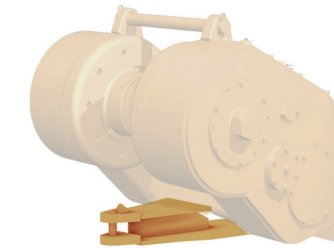
1. Simple "Plug and Play" installation – just bolt the winch to the dozer. No need for "winch ready" option on dozer.
2. SCH (Self Contained Hydraulics) – no exposed hydraulic lines.
3. Oil Clutch, Oil Brake – eliminates adjustments, runs cooler.
4. Large covers for easy service access.

Options



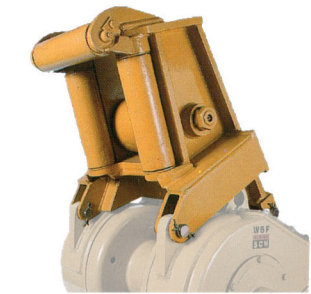
Fairlead

Designed for maximum line pull from all angles. Strong vertical and horizontal rollers to reduce wire rope damage.



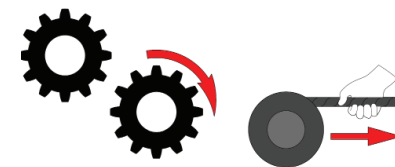
Extended Drawbar

Provides a smaller turning radius while towing auxiliary equipment and improved access on winches equipped with a fairlead.



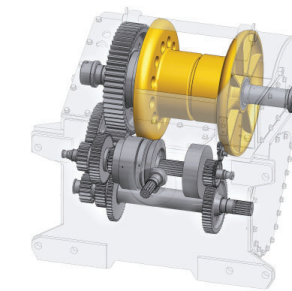
Integral Arch

Elevates the lift point of the butt-end of the log, reducing drag, making ground skidding easier



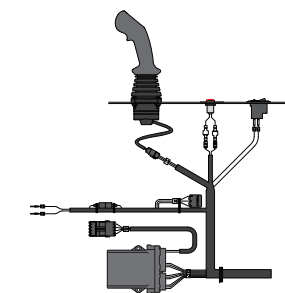
Freespool

Allows the winch line to be pulled out easily by hand. Standard on H4A and H5C winches.



Gearing

Wide variety of gear ratios to meet different line speed requirements.



Electronic Controls

Simplifies winch installation and provides excellent line speed control.

Parts



Service Parts

World-class parts support. 98% same day fill rate. Orders received by 3 PM Pacific time shipped same day. Arrives at your office by 10am next day in the U.S. by special courier.



Allied Systems Company
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Sherwood, OR 97140, USA
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Fax: 503.625.7269 503.625.5132
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www.alliedsystems.com

ALLIED WINCHES FOR CATERPILLAR DOZERS

DOZER MODEL	Current	D1 D2 D3		D4 PL61	D5	D5 D6 PL72		D4 D5 D6 D6XE PL61		D7	D7	D8 D10		D8 D10	
	Legacy	D3K2 D4K2 D5K2*		D6K2*	D6N	D6T* D6N D5R2 D6R2		D6T D6N D6K2*		D7R	D7E	D8R D8T* D9T D10T PL83 PL87		D8T* D9T D10T	
WINCH MODEL		H4AT	H4AH	H5C	W5C	W6F		W6G	H6H	H6HH	W8L	H8L	W12E		H12E
WINCH TYPE: Hydraulic or Power Take-Off Winch/Tractor CONFIGURATION:		HYD Standard	HYD Hi-P	HYD Standard	PTO	PTO		PTO	HYD Standard	HYD Hi-P	PTO	HYD Standard	PTO		HYD Standard

Standard Gear Ratio		125:1		94:1	45:1	100:1 / 100:1	56:1 / 24:1	103:1 / 103:1	153:1	153:1	50:1 / 22:1		207:1	149:1 / 149:1		209:1
BARE DRUM	Maximum Line Pull** lbs (kg)	26,600 (12,100)	34,600 (15,700)	71,850 (32,600)	76,200 (34,600)	99,000 (44,900)	99,000 (44,900)	99,000 (44,900)	83,250 (37,800)	99,000 (44,900)	125,800 (57,062)	103,700 (47,000)	154,700 (70,171)	114,100 (51,800)		
	Maximum Line Speed fpm (mpm)	48 (15)	85 (26)	48 (15)	61 (19)	119 (36)	65 (20)	70 (21)	77 (23)	168 (51)	64 (20)	59 (18)	75 (23)			
FULL DRUM	Maximum Line Pull** lbs (kg)	14,850 (6,700)	19,300 (8,800)	38,750 (17,600)	76,200 (34,600)	73,300 (33,200)	99,000 (44,900)	44,650 (20,300)	74,650 (33,900)	79,929 (36,255)	63,700 (28,900)	154,700 (70,171)	73,300 (33,200)			
	Maximum Line Speed fpm (mpm)	85 (26)	152 (46)	89 (27)	112 (34)	217 (66)	118 (36)	130 (40)	143 (44)	274 (84)	104 (32)	92 (28)	117 (36)			

Optional Gear Ratio									187:1	187:1	94:1 / 41:1		259:1	262:1	
BARE DRUM	Maximum Line Pull** lbs (kg)								99,000 (44,900)	99,000 (44,900)	125,800 (57,062)	125,800 (57,100)	142,900 (64,800)		
	Maximum Line Speed fpm (mpm)								57 (17)	63 (19)	90 (27)	51 (16)	60 (18)		
FULL DRUM	Maximum Line Pull** lbs (kg)								54,650 (24,800)	91,350 (41,400)	125,840 (57,080)	79,800 (36,200)	91,800 (41,600)		
	Maximum Line Speed fpm (mpm)								106 (32)	117 (36)	146 (45)	83 (25)	94 (29)		

Optional Gear Ratio											94:1 / 102:1				
BARE DRUM	Maximum Line Pull** lbs (kg)										125,800 (57,062)		125,800 (57,062)		
	Maximum Line Speed fpm (mpm)										90 (27)		90 (27)		
FULL DRUM	Maximum Line Pull** lbs (kg)										125,800 (57,062)		125,800 (57,062)		
	Maximum Line Speed fpm (mpm)										146 (45)		146 (45)		

DIMENSIONAL DATA See illustrations	A	Ground to highest point	in (mm)	45 (1,143)	45 (1,143)	44 (1,118)	56 (1,422)	61 (1,549)	61 (1,549)	61 (1,549)	61 (1,549)	63 (1,600)	65 (1,651)	69 (1,753)	70 (1,778)
	B	Ground to drum center	in (mm)	35 (889)	35 (889)	31 (787)	42 (1,067)	47 (1,194)	47 (1,194)	47 (1,194)	47 (1,194)	48 (1,219)	50 (1,270)	53 (1,346)	54 (1,372)
	C	Ground to drawbar center	in (mm)	20 (508)	20 (508)	15 (381)	23 (584)	28 (711)	28 (711)	28 (711)	28 (711)	24 (610)	26 (660)	27 (686)	28 (711)
	D	Tractor face to end of winch	in (mm)	32 (813)	32 (813)	34 (864)	47 (1,194)	49 (1,245)	49 (1,245)	48 (1,219)	48 (1,219)	49 (1,245)	45 (1,143)	58 (1,473)	59 (1,499)
	E	Tractor face to drum center	in (mm)	24 (610)	24 (610)	25 (635)	37 (940)	38 (965)	38 (965)	37 (940)	37 (940)	38 (965)	32 (813)	45 (1,143)	46 (1,168)
	F	Tractor face to drawbar center	in (mm)	23 (584)	23 (584)	22 (559)	35 (889)	29 (737)	37 (940)	37 (940)	37 (940)	42 (1,067)	34 (864)	50 (1,270)	51 (1,295)
	G	Winch max. width (not shown)	in (mm)	29 (737)	29 (737)	32 (813)	38 (965)	40 (1,016)	38 (965)	41 (1,041)	41 (1,041)	41 (1,041)	42 (1,067)	48 (1,219)	49 (1,245)

SHIPPING WEIGHTS Shaded options not available	Winch, approx. w/o wire rope	lbs (kg)	1,700 (771)	1,790 (812)	1,980 (898)	2,050 (930)	3,000 (1,361)	3,400 (1,542)	2,830 (1,284)	2,830 (1,284)	3,800 (1,724)	3,400 (1,542)	6,350 (2,880)	4,600 (2,087)
	Fairlead	lbs (kg)	310 (141)	310 (141)	450 (204)	450 (204)	875 (397)	875 (397)	875 (397)	875 (397)	900 (408)	900 (408)	1,230 (558)	1,230 (558)
	Drawbar	lbs (kg)	30 (14)	30 (14)	w/winch	w/winch	w/winch	w/winch	w/winch	w/winch	w/winch	w/winch	w/winch	w/winch
	Integral Arch	lbs (kg)	420 (191)	420 (191)			1,100 (499)	1,100 (499)	1,100 (499)	1,100 (499)				

WIRE ROPE CAPACITY Shaded sizes not available Capacity per SAE J1158	WINCH MODEL	Barrel Diameter	WIRE ROPE DIAMETER						FERRULE (Swaged Drum Type)			
			1/2 in. (13 mm)	5/8 in. (16 mm)	3/4 in. (19 mm)	7/8 in. (22 mm)	1 in. (25 mm)	1 1/8 in. (29 mm)	1 1/4 in. (32 mm)	Name	Length	Diameter
	H4A	8 in. (203 mm)	422 ft. (129 m)	277 ft. (84 m)	195 ft. (59 m)				Bantam	2 in. (51 mm)	1.5 (38 mm)	
	W5C/H5C	9 in. (217 mm)		423 ft. (129 m)	298 ft. (91 m)	215 ft. (66 m)			Light	2.25 (57 mm)	2 in. (51 mm)	
	W6F/W6G	10 in. (254 mm)			376 ft. (115 m)	271 ft. (83 m)	210 ft. (64 m)		Light	2.25 (57 mm)	2 in. (51 mm)	
	H6H	10 in. (254 mm)			413 ft. (126 m)	297 ft. (91 m)	230 ft. (70 m)		Light	2.25 (57 mm)	2 in. (51 mm)	
	W8L	12 in. (305 mm)				354 ft. (108 m)	275 ft. (84 m)	220 ft. (67 m)	Junior	2.375 (60 mm)	2.25 (57 mm)	
	H8L	12 in. (305 mm)				430 ft. (131 m)	334 ft. (102 m)	267 ft. (81 m)	Junior	2.375 (60 mm)	2.25 (57 mm)	
	W12E, H12E	14 in. (356 mm)					286 ft. (87 m)	229 ft. (70 m)	182 ft. (55 m)	Junior	2.375 (60 mm)	2.25 (57 mm)

Notes:
 Specs based on representative model, other similar
 **Maximum line pull is the lesser of the maximum line pull that the dozer will develop with the standard gear ratio or the breaking strength for the maximum recommended wire rope for that winch model.
 Where general information, pictures and descriptions are provided, some illustrations and specifications may require options not shown in the picture or included in the description.
 Specifications are subject to change without notice or obligation. Please consult your dealer for details.

