



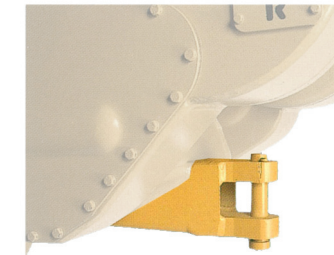
Allied Winches for Caterpillar Tractors

Options



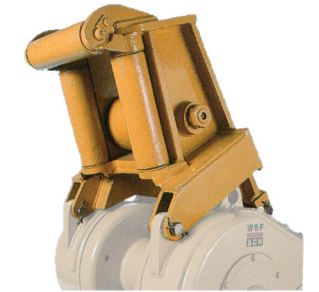
Fairlead

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



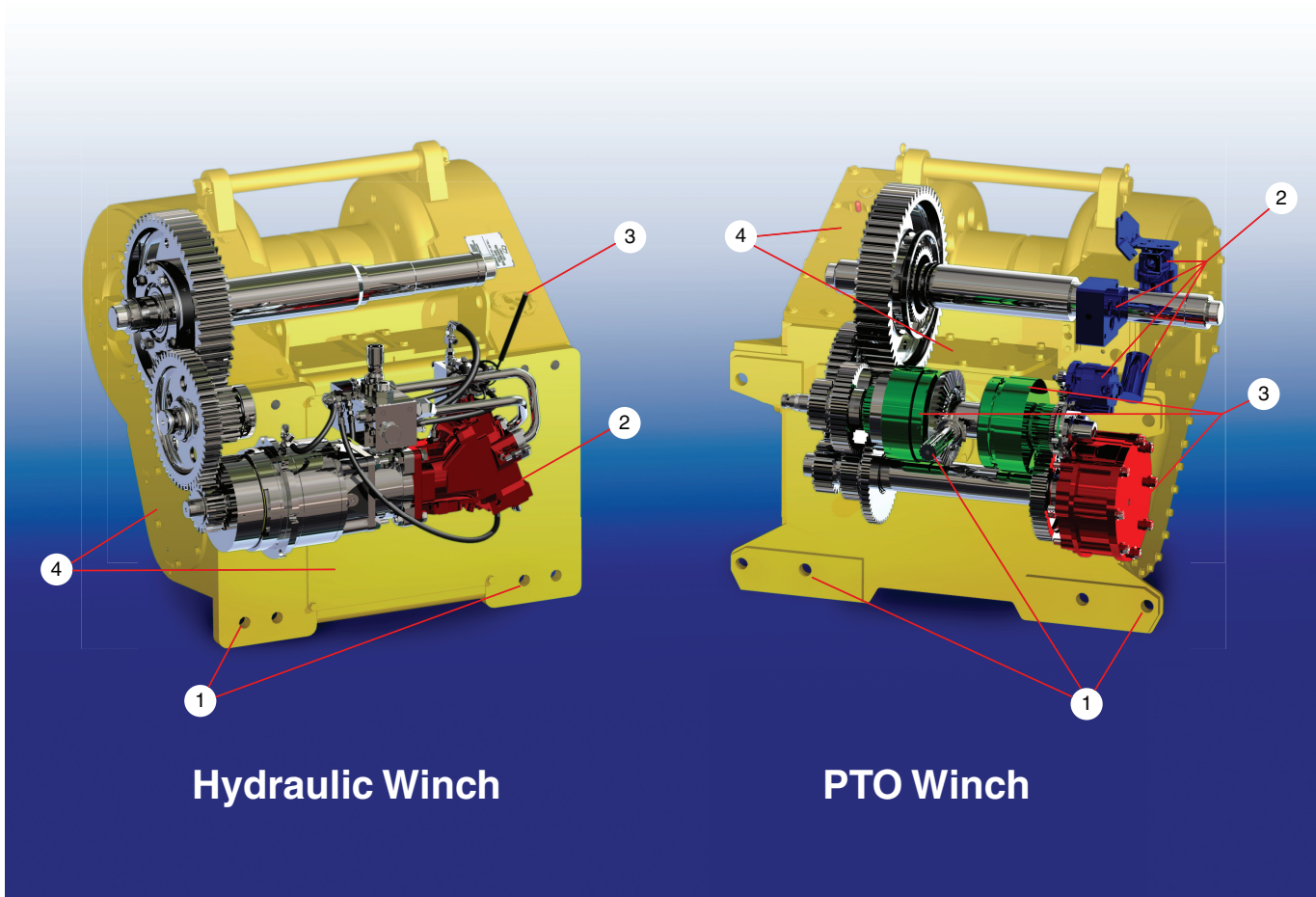
Drawbar

Provides an additional hitch for towing. Bolt-on drawbar optional on W3C and H4A. Built-in drawbar comes standard on all other models.



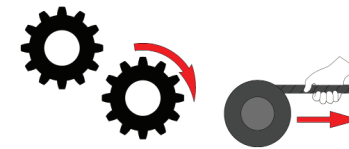
Integral Arch

Makes ground skidding easier by lifting butt-ends of logs.



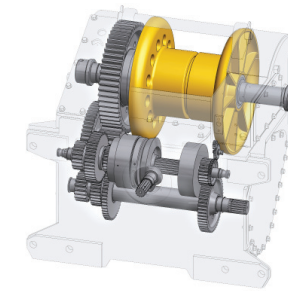
Hydraulic Winch

PTO Winch



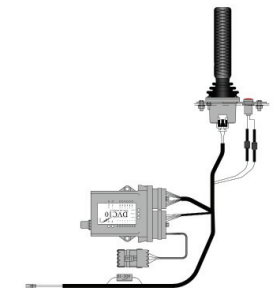
Freespool

This disengages the drum from the gearing. Allows the winch line to be pulled out easily by hand. Standard on W3C, H4A, W5C, H5C W6F and W6G winches.



Gearing

We offer a wide variety of gear ratios to meet different line speed requirements.



Electronic Controls

Simplifies winch installation and provides excellent line speed control.

Features

Hydraulic Winch Features

1. Simple "Plug and Play" installation – just bolt the winch to the tractor. No need for "winch ready" option on tractor.
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 tractor. No need for "winch ready" option on tractor.
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.

Parts



Service Parts

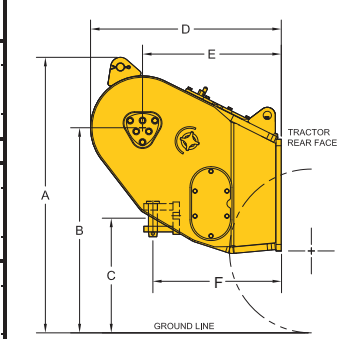
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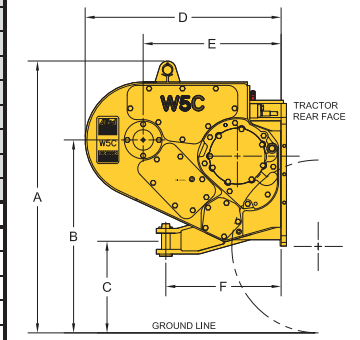
ALLIED WINCHES FOR CATERPILLAR TRACTORS

TRACTOR MODEL (Specs based on representative model*, others similar)		D3K, D4K, D5K*	D6K*, PL61	D6N	D6T*, D6N	D6R	D6T* D6R, D6N	D7E	D7R*	D8R, D8T*, D9T D10T, PL83, PL87	D8T*, D9T, D10T			
WINCH MODEL		H4AH	H4AT	H5CH	H5CT	W5C	H6H	W6F	W6G	H8L	W8L	W12E	H12E	
WINCH TYPE: Hydraulic or Power Take-Off Winch/Tractor CONFIGURATION: STANDARD PTO GEAR RATIO		HYD Hi-P	HYD Standard	HYD Hi-P	HYD Standard	PTO	HYD	PTO	PTO	HYD	PTO	PTO	HYD	
Units														
S T A N D A R D	BARE DRUM	Maximum Line Pull**	38,600 (17,509)	32,150 (14,583)	59,750 (27,102)	66,700 (30,255)	69,200 (31,389)	88,800 (40,279)	88,800 (40,279)	88,800 (40,279)	112,500 (51,029)	112,500 (51,029)	138,800 (62,959)	130,250 (59,080)
		Approximate Line Speed @	94 (29)	34 (10)	97 (30)	25 (8)	54 (16)	58 (18)	93 (28)	65 (20)	29 (9)	122 (37)	52 (16)	22 (7)
		Typical Working Load of	20,000 (9,072)	20,000 (9,072)	30,000 (13,608)	30,000 (13,608)	30,000 (13,608)	40,000 (18,144)	40,000 (18,144)	40,000 (18,144)	50,000 (22,680)	50,000 (22,680)	80,000 (36,287)	80,000 (36,287)
D A R D	FULL DRUM	Maximum Line Pull**	22,050 (10,002)	18,350 (8,323)	32,200 (14,606)	35,950 (16,307)	69,200 (31,389)	48,250 (21,886)	71,200 (32,296)	88,800 (40,279)	72,600 (32,931)	81,700 (37,058)	138,800 (62,959)	83,650 (37,943)
		Approximate Line Speed @	98 (30)	48 (15)	70 (21)	47 (14)	94 (29)	60 (18)	99 (30)	92 (28)	47 (14)	115 (35)	78 (24)	35 (11)
		Typical Working Load of	20,000 (9,072)	17,400 (7,893)	30,000 (13,608)	30,000 (13,608)	30,000 (13,608)	40,000 (18,144)	40,000 (18,144)	40,000 (18,144)	50,000 (22,680)	50,000 (22,680)	80,000 (36,287)	80,000 (36,287)
Maximum Line Speed		176 (54)	81 (25)	237 (72)	97 (30)	112 (34)	129 (39)	219 (67)	118 (36)	106 (32)	275 (84)	92 (28)	119 (36)	



H4A

O P T I O N A L	MAXIMUM LINE SPEED BARE DRUM USING OPTIONAL GEAR RATIO <small>Shaded ratios not available for this model</small>	56:1							119 (36)				
		72:1									118 (36)		
		85:1							77 (23)				
		94:1									89 (27)		
		103:1 (W6G), 106:1 (W6F)							62 (19)	65 (20)			
		116:1	82 (25)										
		153:1								44 (13)			
188:1													
209:1													

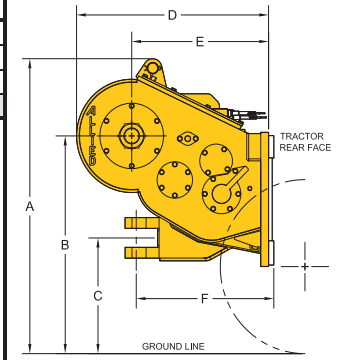


W5C/H5C

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

S H I P P I N G W E I G H T S <small>Shaded options not available</small>	Winch, approx. w/o wire rope	lbs (kg)	1,790 (812)	1,700 (771)	2,050 (930)	1,980 (898)	2,330 (1,057)	2,830 (1,284)	3,000 (1,361)	3,400 (1,542)	3,400 (1,542)	3,800 (1,724)	6,350 (2,880)	4,600 (2,087)
	Fairlead	lbs (kg)	310 (141)	310 (141)	450 (204)	450 (204)	450 (204)	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)	875 (397)	875 (397)	1,100 (499)	1,100 (499)	1,100 (499)	1,100 (499)	1,100 (499)	1,100 (499)	w/winch	w/winch

W I R E R O P E C A P A C I T Y <small>Shaded sizes not available Capacity per SAE J1158</small>	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)



**H6H/H8L/H12E
W6F/W6G/W8L/W12E**

Notes:
 **Maximum line pull is the lesser of the maximum line pull that the tractor will develop with the standard gear ratio or the breaking strength for the maximum recommended wire rope for that winch model.
 Allied Systems Company reserves the right to change and/or improve specifications and performance at its own discretion without prior notice. Check with dealer for latest data.