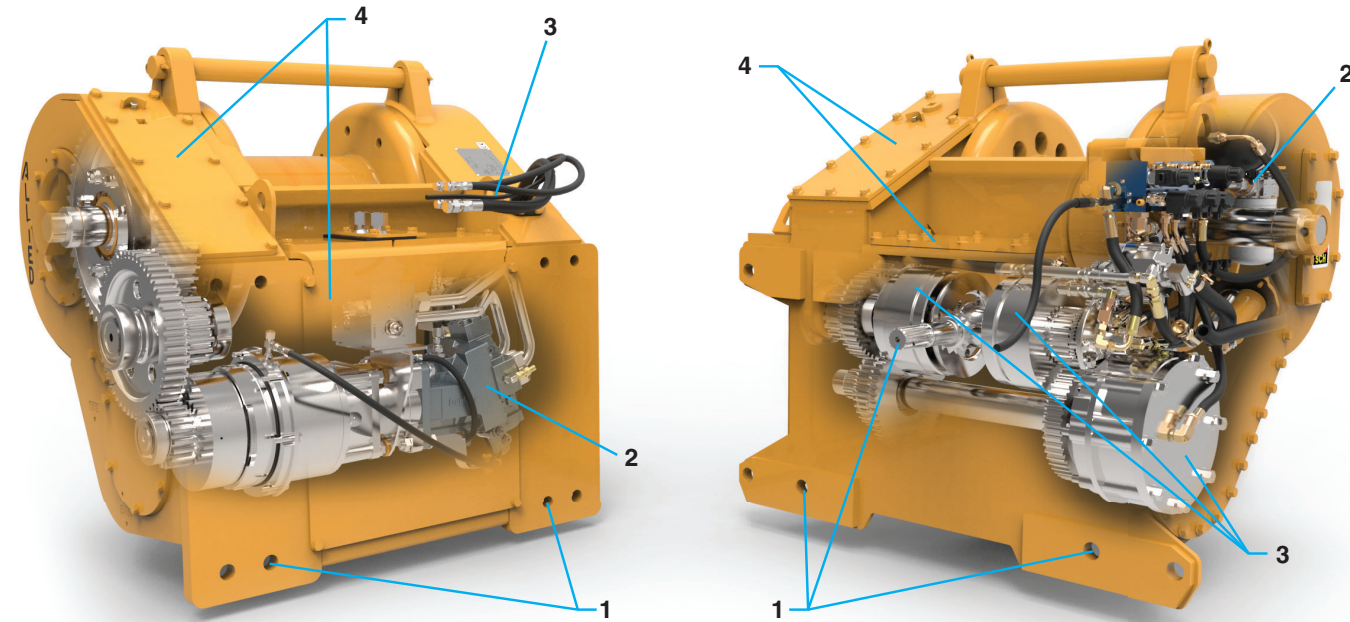


# Allied Winches for Case Dozers



## Options



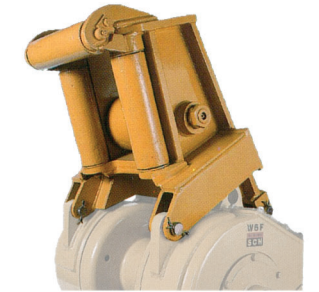
### Fairlead

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



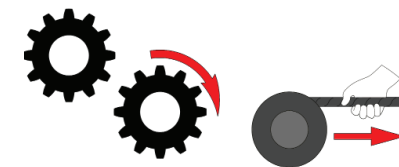
### Extended Drawbar

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



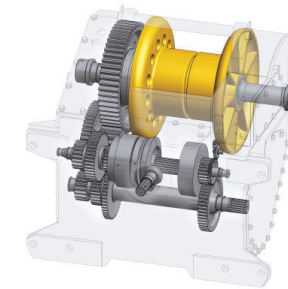
### Integral Arch

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



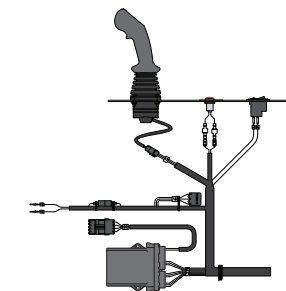
### Freespool

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.

## 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.



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<b>DOZER MODEL</b> <b>WINCH MODEL</b> WINCH TYPE: Hydraulic or Power Take-Off	<b>650L/M</b>	<b>750M</b>	<b>750M/850M</b>	<b>850M</b>	<b>1150M</b>	<b>1650M</b>	<b>1650M</b>	<b>2050M</b>	<b>Quadtrac</b>	<b>1650M</b>	<b>2050M</b>
	<b>H4AH*R</b> HYD	<b>H4AT</b> HYD	<b>H4AH*R</b> HYD	<b>H4AT</b> HYD	<b>H5C</b> HYD	<b>H5C</b> HYD	<b>H6H</b> HYD	<b>H6H</b> HYD	<b>W6G</b> PTO	<b>H8L</b> HYD	<b>H8L</b> HYD

<b>Standard Gear Ratio</b>		<b>94:1</b>	<b>125:1</b>	<b>94:1</b>	<b>125:1</b>	<b>48:1</b>	<b>48:1</b>	<b>153:1</b>	<b>153:1</b>	<b>83:1</b>	<b>207:1</b>	<b>207:1</b>
<b>BARE DRUM</b>	Maximum Line Pull** lbs (kg)	31,750 (14,402)	26,750 (12,134)	31,750 (14,402)	26,750 (12,134)	61,950 (28,100)	60,900 (27,624)	69,000 (31,298)	83,850 (38,034)	88,800 (40,279)	76,800 (34,836)	93,600 (42,456)
	Maximum Line Speed fpm (mpm)	86 (26)	50 (15)	83 (25)	50 (15)	49 (15)	68 (21)	68 (21)	78 (24)	36 (11)	60 (18)	69 (21)
<b>FULL DRUM</b>	Maximum Line Pull** lbs (kg)	17,700 (8,029)	14,950 (6,781)	17,700 (8,029)	14,950 (6,781)	33,400 (15,150)	32,800 (14,878)	37,000 (16,783)	45,000 (20,412)	88,800 (40,279)	47,150 (21,387)	57,500 (26,082)
	Maximum Line Speed fpm (mpm)	153 (47)	90 (27)	149 (45)	90 (27)	91 (28)	126 (38)	126 (38)	146 (45)	66 (20)	97 (30)	113 (34)

<b>Optional Gear Ratio</b>		<b>83:1</b>	<b>83:1</b>	<b>83:1</b>	<b>83:1</b>	<b>45:1</b>	<b>45:1</b>	<b>117:1</b>	<b>117:1</b>	<b>104:1</b>	<b>259:1</b>	<b>259:1</b>
<b>BARE DRUM</b>	Maximum Line Pull** lbs (kg)	28,050 (12,723)	17,800 (8,074)	28,050 (12,723)	17,800 (8,074)	57,750 (26,195)	56,750 (25,741)	52,800 (23,950)	64,150 (29,098)	88,800 (40,279)	96,200 (43,636)	117,300 (53,206)
	Maximum Line Speed fpm (mpm)	97 (30)	75 (23)	94 (29)	75 (23)	53 (16)	73 (22)	89 (27)	102 (31)	29 (9)	48 (22)	55 (25)
<b>FULL DRUM</b>	Maximum Line Pull** lbs (kg)	15,650 (7,099)	9,950 (4,513)	15,650 (7,099)	9,950 (4,513)	31,100 (14,107)	30,600 (13,880)	28,300 (12,837)	34,400 (15,604)	88,800 (40,279)	59,050 (26,785)	72,000 (32,659)
	Maximum Line Speed fpm (mpm)	174 (53)	134 (41)	168 (51)	134 (41)	98 (30)	135 (41)	165 (50)	191 (58)	54 (16)	78 (35)	90 (41)

<b>Optional Gear Ratio</b>		<b>116:1</b>	<b>94:1</b>	<b>116:1</b>	<b>94:1</b>							
<b>BARE DRUM</b>	Maximum Line Pull** lbs (kg)	39,000 (17,690)	20,150 (9,140)	39,000 (17,690)	20,150 (9,140)							
	Maximum Line Speed fpm (mpm)	70 (21)	66 (20)	68 (21)	66 (20)							
<b>FULL DRUM</b>	Maximum Line Pull** lbs (kg)	21,800 (9,888)	11,250 (5,103)	21,800 (9,888)	11,250 (5,103)							
	Maximum Line Speed fpm (mpm)	125 (38)	119 (36)	121 (37)	119 (36)							

<b>Optional Gear Ratio</b>		<b>125:1</b>	<b>116:1</b>	<b>125:1</b>	<b>116:1</b>							
<b>BARE DRUM</b>	Maximum Line Pull** lbs (kg)	42,100 (19,096)	24,800 (11,249)	42,100 (19,096)	24,800 (11,249)							
	Maximum Line Speed fpm (mpm)	65 (20)	54 (16)	63 (19)	54 (16)							
<b>FULL DRUM</b>	Maximum Line Pull** lbs (kg)	23,500 (10,659)	13,850 (6,282)	23,500 (10,659)	13,850 (6,282)							
	Maximum Line Speed fpm (mpm)	116 (35)	97 (30)	112 (34)	97 (30)							

<b>DIMENSIONAL DATA</b> See illustrations	A	Ground to highest point	in (mm)	46 (1,168)	46 (1,168)	46 (1,168)	46 (1,168)	47 (1,194)	47 (1,194)	51 (1,295)	51 (1,295)	51 (1,295)	65 (1,651)	65 (1,651)
	B	Ground to drum center	in (mm)	35 (889)	35 (889)	35 (889)	35 (889)	34 (864)	34 (864)	37 (940)	37 (940)	37 (940)	50 (1,270)	50 (1,270)
	C	Ground to drawbar center	in (mm)	21 (533)	21 (533)	21 (533)	21 (533)	18 (457)	18 (457)	18 (457)	18 (457)	18 (457)	26 (660)	26 (660)
	D	Tractor face to end of winch	in (mm)	35 (889)	35 (889)	35 (889)	35 (889)	35 (889)	35 (889)	39 (991)	39 (991)	40 (1,016)	43 (1,092)	43 (1,092)
	E	Tractor face to drum center	in (mm)	27 (686)	27 (686)	27 (686)	27 (686)	25 (635)	25 (635)	29 (737)	29 (737)	30 (762)	32 (813)	32 (813)
	F	Tractor face to drawbar center	in (mm)	25 (635)	25 (635)	25 (635)	25 (635)	22 (559)	22 (559)	28 (711)	28 (711)	29 (737)	36 (914)	36 (914)
	G	Winch max. width (not shown)	in (mm)	31 (787)	31 (787)	31 (787)	31 (787)	32 (813)	32 (813)	40 (1,016)	40 (1,016)	38 (965)	41 (1,041)	41 (1,041)

<b>SHIPPING WEIGHTS</b> Shaded options not available	Winch, approx. w/o wire rope	lbs (kg)	1,680 (762)	1,680 (762)	1,680 (762)	1,680 (762)	2,100 (953)	2,100 (953)	2,900 (1,315)	2,900 (1,315)	2,900 (1,315)	3,100 (1,406)	3,100 (1,406)
	Fairlead	lbs (kg)	310 (141)	310 (141)	310 (141)	310 (141)	450 (204)	450 (204)	875 (397)	875 (397)	875 (397)	900 (408)	900 (408)
	Drawbar	lbs (kg)	30 (14)	30 (14)	30 (14)	30 (14)	w/ winch	w/ winch	w/ winch	w/ winch	w/ winch	w/ winch	w/ winch
	Integral Arch	lbs (kg)	420 (191)	420 (191)	420 (191)	420 (191)	875 (397)	875 (397)	1,100 (499)	1,100 (499)	1,100 (499)		

<b>WIRE ROPE CAPACITY</b> Shaded sizes not available Capacity per SAE J1158	<b>WINCH MODEL</b>	<b>Barrel Diameter</b>	<b>WIRE ROPE DIAMETER</b>						<b>FERRULE (Swaged Drum Type)</b>			
			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
	<b>H4A</b>	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)
	<b>H5C</b>	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)
	<b>H6H</b>	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)
	<b>W6G</b>	10 in. (254 mm)			376 ft. (115 m)	371 ft. (113 m)	210 ft. (64 m)		Junior	2.375 (60 mm)	2.25 (57 mm)	
	<b>H8L</b>	14 in. (356 mm)			430 ft. (131 m)	334 ft. (102 m)	267 ft. (81 m)		Junior	2.375 (60 mm)	2.25 (57 mm)	

**Notes:**  
 \*\*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.

