



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.



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.



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, W6G and H6H winches.



Gearing

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



Electronic Controls

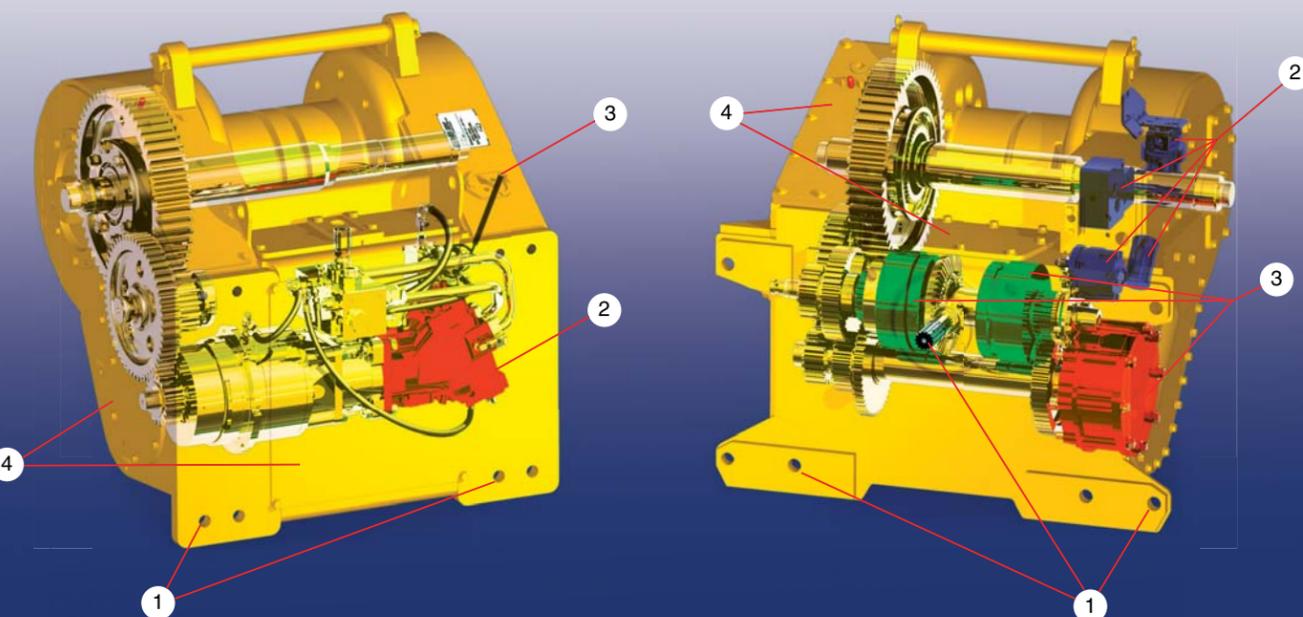
Simplifies winch installation and provides excellent line speed control.

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 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.



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ALLIED WINCHES FOR CASE DOZERS

TRACTOR MODEL*			650L	750-850L	1150K	1650L		1850K						
(Specs based on representative model *, others similar)														
WINCH MODEL			H4AH	W3C	W5C	W5C	W6G	W6G						
WINCH TYPE: Hydraulic or Power Take-Off			HYD	PTO	PTO	PTO	PTO	PTO						
STANDARD GEAR RATIO			83/1	61/1	66/1	66/1	83/1	83/1						
Unit														
S T A N D A R D	BARE DRUM	Maximum Line Pull**	lbs (kg)	34,000 (15,422)	51,200 (23,224)	66,700 (30,255)	69,200 (31,389)	83,900 (38,056)	88,800 (40,279)					
		Approximate Line Speed @	fpm (mpm)	94 (29)	71 (22)	84 (26)	82 (25)	75 (23)	56 (17)					
	D R U M	Typical Working Load of	lbs (kg)	14,400 (6,532)	20,000 (9,072)	30,000 (13,608)	30,000 (13,608)	40,000 (18,144)	40,000 (18,144)					
		Maximum Line Speed	fpm (mpm)	94 (29)	71 (22)	88 (27)	82 (25)	75 (23)	75 (23)					
D R U M	FULL DRUM	Maximum Line Pull**	lbs (kg)	19,000 (8,618)	31,000 (14,061)	36,000 (16,329)	42,600 (19,323)	45,400 (20,593)	88,800 (40,279)					
		Approximate Line Speed @	fpm (mpm)	125 (38)	124 (38)	132 (40)	152 (46)	123 (37)	101 (31)					
	Typical Working Load of	lbs (kg)	14,400 (6,532)	20,000 (9,072)	30,000 (13,608)	30,000 (13,608)	40,000 (18,144)	40,000 (18,144)						
	Maximum Line Speed	fpm (mpm)	169 (52)	124 (38)	163 (50)	152 (46)	140 (43)	139 (42)						
O P T I O N A L	MAXIMUM LINE SPEED BARE DRUM USING OPTIONAL GEAR RATIO	45/1	fpm (mpm)					139 (42)	140 (43)					
		56/1	fpm (mpm)											
		100/1 (95/1 - 1150H ONLY)	fpm (mpm)			58 (18)	54 (16)							
		103/1	fpm (mpm)					61 (19)	60 (18)					
		153/1	fpm (mpm)											
Shaded ratios not available for this model														
D I M E N S I O N A L	DIMENSIONAL DATA	See illustrations		A	Ground to highest point	in (mm)	46 (1,168)	42 (1,067)	48 (1,219)	47 (1,194)	51 (1,295)	57 (1,448)		
		B	Ground to drum center	in (mm)	35 (889)	31 (787)	35 (889)	34 (864)	37 (940)	37 (940)	43 (1,092)			
		C	Ground to drawbar center	in (mm)	31 (787)	15 (381)	19 (483)	18 (457)	18 (457)	24 (610)				
		D	Dozer face to end of winch	in (mm)	35 (889)	36 (914)	35 (889)	35 (889)	40 (1,016)	40 (1,016)				
		E	Dozer face to drum center	in (mm)	27 (686)	27 (686)	26 (660)	25 (635)	30 (762)	29 (737)				
		F	Dozer face to drawbar center	in (mm)	25 (635)	28 (711)	22 (559)	22 (559)	29 (737)	28 (711)				
		G	Winch max. width (not shown)	in (mm)	31 (787)	28 (711)	32 (813)	32 (813)	38 (965)	38 (965)				
S H I P P I N G	WEIGHTS	Shaded options not available		Winch, approx. w/o wire rope	lbs (kg)	1,680 (762)	1,530 (694)	2,100 (953)	2,100 (953)	2,900 (1,315)	2,900 (1,315)			
		Fairlead	lbs (kg)	310 (141)	310 (141)	450 (204)	450 (204)	875 (397)	875 (397)					
		Drawbar	lbs (kg)	30 (14)	55 (25)	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)					
W I R E	R O P E	C A P A C I T Y	Shaded sizes not available Capacity per SAE J1158		W I N C H	M O D E L	B A R R E L	D I A M E T E R	W I R E					
			R O P E											
			H 4 A	W 3 C	W 5 C	W 6 G	1/2 in. (13 mm.)	5/8 in. (16 mm.)	3/4 in. (19 mm.)	7/8 in. (22 mm.)	1 in. (25 mm.)			
							422 ft. (129 m)	277 ft. (84 m)	195 ft. (59 m)					
							354 ft. (108 m)	232 ft. (71 m)	164 ft. (50 m)					

