



Allied Winches for Liebherr Tractors

Options



Fairlead

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



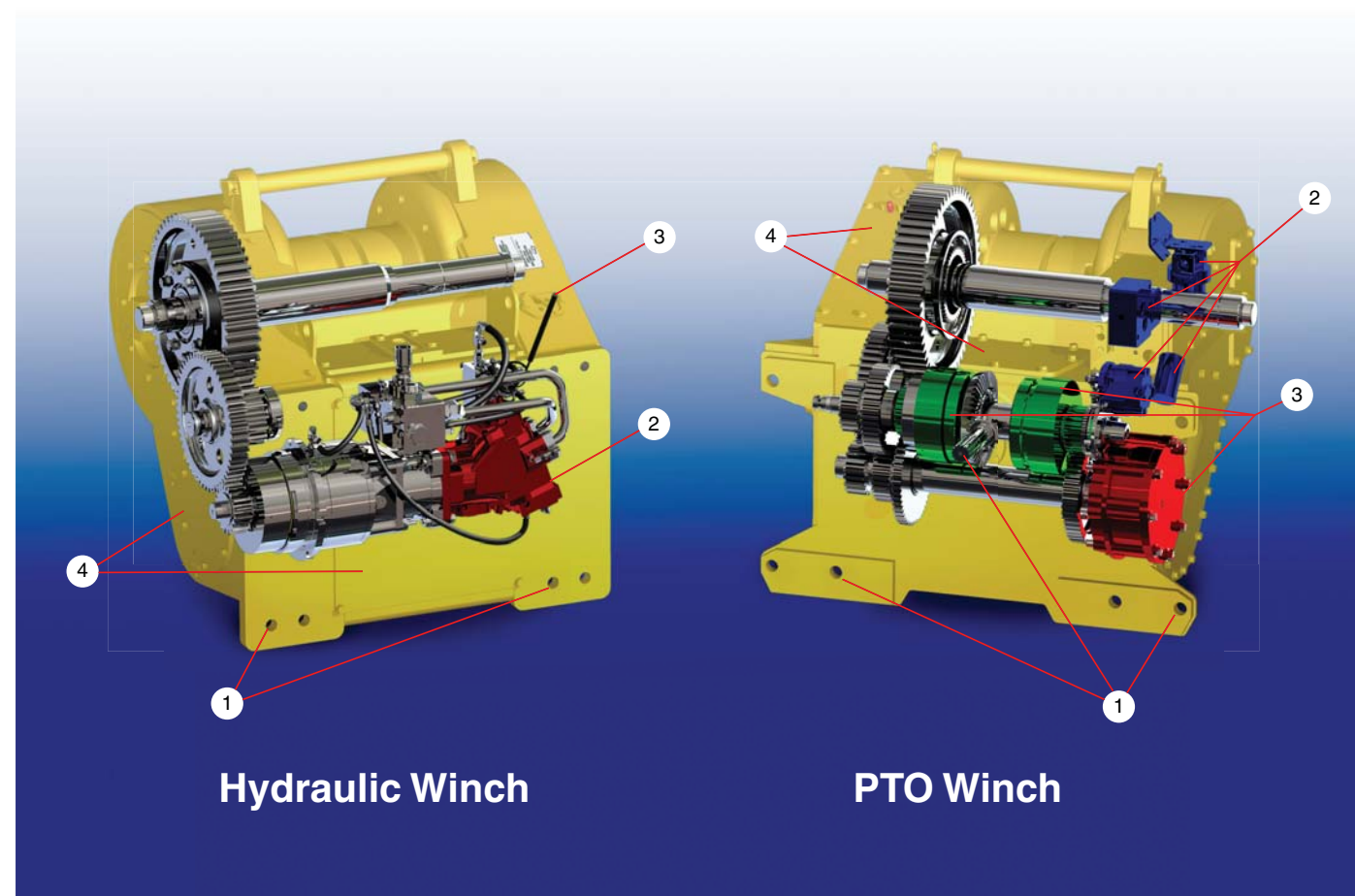
Drawbar

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.



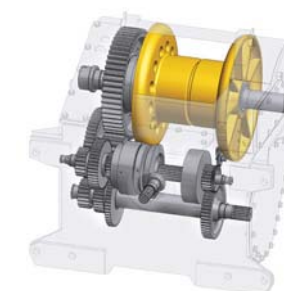
Hydraulic Winch

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

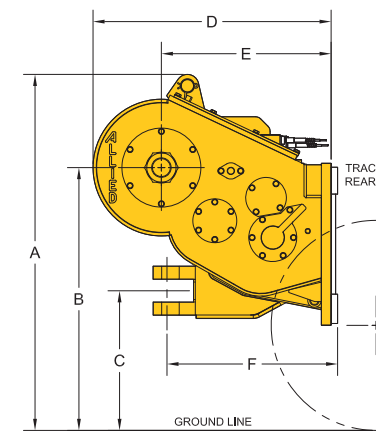
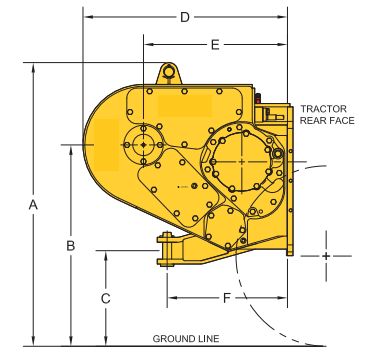
World-class parts support. 98% same day fill rate. Orders received by 3 PM Pacific time shipped same day. Arrives at your office by 10am next day in the U.S. by special courier.



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ALLIED WINCHES FOR LIEBHERR DOZERS

DOZER MODEL*			PR716	PR716	PR724	PR726	PR734-4	PR736	PR744, PR746	PR754, PR756	PR764, PR766, PR776			
(Specs based on representative model *, others similar)														
WINCH MODEL			H5C	H6H	H6H	H6H	H6H	H6H	H8L	H12E	H12E			
WINCH TYPE: Hydraulic or Power Take-Off			HYD	HYD	HYD	HYD	HYD	HYD	HYD	HYD	HYD			
CONFIGURATION designation:			Standard	Standard	Standard	Standard	Hi-P	Standard	Hi-P	Standard	Standard			
STANDARD GEAR RATIO			48:1	144:1	144:1	153:1	187:1	153:1	207:1	209:1	209:1			
Units														
S T A N D A R D	BARE DRUM	Maximum Line Pull**	lbs (kg)	62600 (28,395)	79000 (35,834)	88800 (40,279)	88800 (40,279)	88800 (40,279)	88800 (40,279)	111150 (50,417)	138800 (62,959)	138800 (62,959)		
		Approximate Line Speed @	fpm (mpm)	19 (6)	36 (11)	50 (15)	50 (15)	60 (18)	65 (20)	63 (19)	50 (15)	50 (15)		
		Typical Working Load of	lbs (kg)	30000 (13,608)	42400 (19,232)	40000 (18,144)	40000 (18,144)	40000 (18,144)	40000 (18,144)	50000 (22,680)	80000 (36,287)	80000 (36,287)		
		Maximum Line Speed	fpm (mpm)	36 (11)	35 (11)	80 (24)	78 (24)	64 (20)	84 (26)	71 (22)	73 (22)	76 (23)		
A D V A N C E	FULL DRUM	Maximum Line Pull**	lbs (kg)	33750 (15,309)	50550 (22,929)	54500 (24,721)	53500 (24,267)	50050 (22,702)	53500 (24,267)	68900 (31,253)	91000 (41,277)	91000 (41,277)		
		Approximate Line Speed @	fpm (mpm)	80 (24)	79 (24)	60 (18)	60 (18)	65 (20)	65 (20)	75 (23)	60 (18)	60 (18)		
		Typical Working Load of	lbs (kg)	30000 (13,608)	42400 (19,232)	40000 (18,144)	40000 (18,144)	40000 (18,144)	40000 (18,144)	50000 (22,680)	80000 (36,287)	80000 (36,287)		
		Maximum Line Speed	fpm (mpm)	67 (20)	115 (35)	150 (46)	145 (44)	119 (36)	157 (48)	115 (35)	115 (35)	118 (36)		
O P T I O N A L	MAXIMUM LINE SPEED BARE DRUM USING OPTIONAL GEAR RATIO	187:1	fpm (mpm)			62 (18.9)								
D I M E N S I O N A L	DATA	See illustrations												
		A	Ground to highest point	in (mm)	48 (1,219)	53 (1,346)	59 (1,499)	59 (1,499)	59 (1,499)	59 (1,499)	69 (1,753)	71 (1,803)	71 (1,803)	
		B	Ground to drum center	in (mm)	36 (914)	39 (991)	44 (1,118)	44 (1,118)	44 (1,118)	44 (1,118)	54 (1,372)	55 (1,397)	55 (1,397)	
		C	Ground to drawbar center	in (mm)	19 (483)	20 (508)	26 (660)	26 (660)	26 (660)	26 (660)	30 (762)	29 (737)	29 (737)	
		D	Dozer face to end of winch	in (mm)	35 (889)	38 (965)	38 (965)	38 (965)	38 (965)	38 (965)	40 (1,016)	49 (1,245)	49 (1,245)	
		E	Dozer face to drum center	in (mm)	26 (660)	28 (711)	28 (711)	28 (711)	28 (711)	28 (711)	29 (737)	37 (940)	37 (940)	
		F	Dozer face to drawbar center	in (mm)	22 (559)	27 (686)	27 (686)	27 (686)	27 (686)	27 (686)	31 (787)	47 (1,194)	47 (1,194)	
G	Winch max. width (not shown)	in (mm)	32 (813)	38 (965)	38 (965)	38 (965)	38 (965)	38 (965)	39 (991)	49 (1,245)	49 (1,245)			
S H I P P I N G	W E I G H T S	Winch, approx. w/o wire rope	lbs (kg)	1900 (862)	2250 (1,021)	2250 (1,021)	2250 (1,021)	2250 (1,021)	2250 (1,021)	3300 (1,497)	4400 (1,996)	4400 (1,996)		
		Fairlead	lbs (kg)	400 (181)	875 (397)	875 (397)	875 (397)	875 (397)	875 (397)	900 (408)	1230 (558)	1230 (558)		
		Drawbar	lbs (kg)	w/winch	w/winch	w/winch	w/winch	w/winch	w/winch	w/winch	w/winch	w/winch		
		Integral Arch	lbs (kg)	875 (397)	1,100 (499)	1,100 (499)	1,100 (499)	1,100 (499)	1,100 (499)	1,100 (499)				
W I R E	R O P E	C A P A C I T Y	WINCH MODEL	Barrel Diameter	WIRE ROPE DIAMETER							FERRULE (Swaged Drum Type)		
					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	
				H5C	8.56 in. (217 mm.)	423 ft. (129 m)	298 ft. (91 m)	215 ft. (66 m)			Light	2.25 (57 mm)	2 in. (51 mm)	
				H6H	10.00 in. (254 mm.)		413 ft. (126 m)	297 ft. (91 m)	230 ft. (70 m)		Light	2.25 (57 mm)	2 in. (51 mm)	
				H8L	12.00 in. (305 mm.)			430 ft. (131 m)	334 ft. (102 m)	267 ft. (81 m)	Junior	2.375 (60 mm)	2.25 (57 mm)	
H12E	14.00 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:
 **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.