



Allied Winches for New Holland 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.



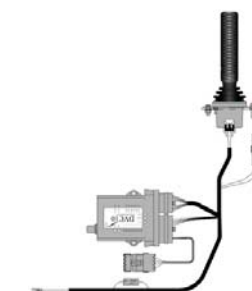
Freespool

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



Gearing

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



Electronic Controls

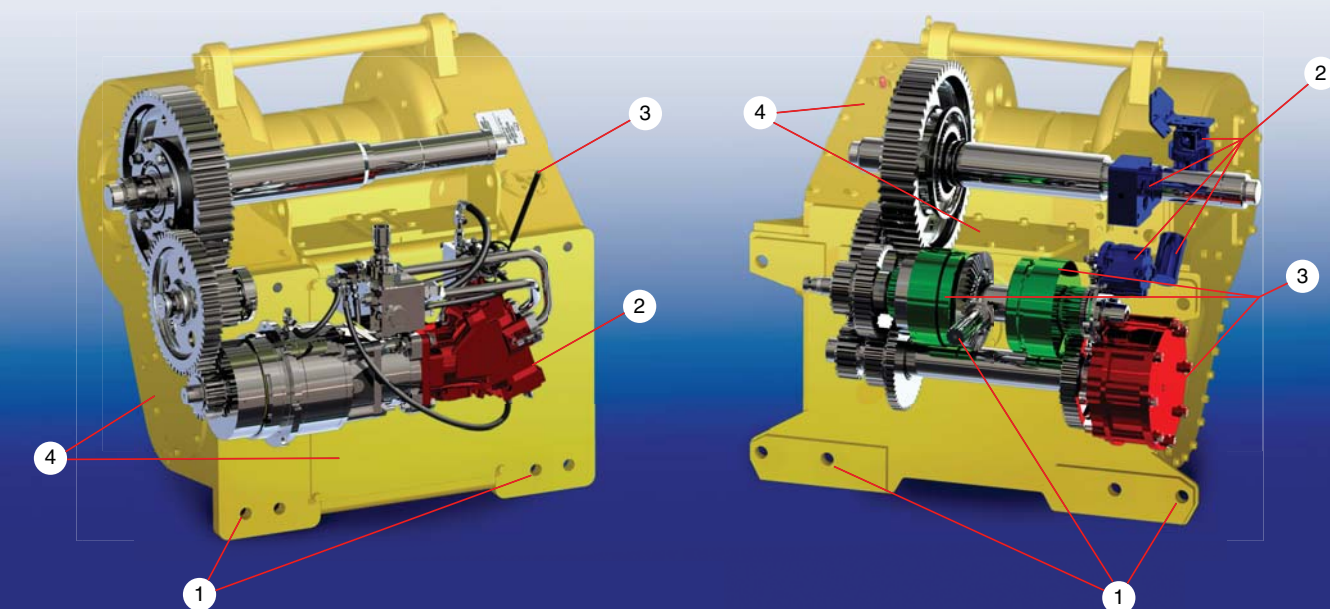
Simplifies winch installation and provides excellent line speed control.

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.



Hydraulic Winch

PTO Winch

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

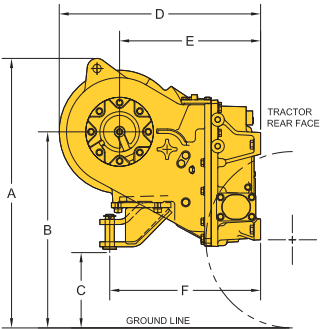
1. Simple "Plug and Play" installation – just bolt the winch to the tractor. No need for "winch ready" option on tractor.
2. SCH (Self Contained Hydraulics) – no exposed hydraulic lines.
3. Oil Clutch, Oil Brake – eliminates adjustments, runs cooler.
4. Large covers for easy service access.



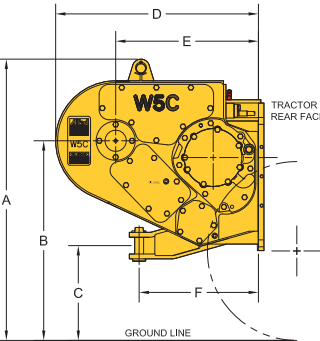
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ALLIED WINCHES FOR NEW HOLLAND DOZERS

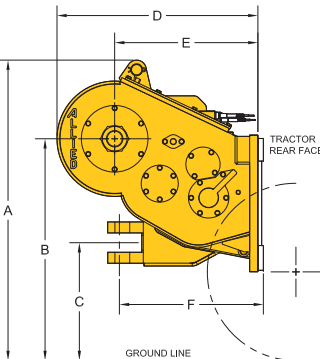
TRACTOR MODEL*				D75B		D85, D95B*		DC 150B		D180, D180B		D255 DX255L		FD30C D350				
(Specs based on representative model *, others similar)																		
WINCH MODEL				H4AH		W3C		W5C		W6G		W8L		W12E				
WINCH TYPE: Hydraulic or Power Take-Off				HYD		PTO		PTO		PTO		PTO		PTO				
STANDARD GEAR RATIO				83/1		61/1		63/1		83/1		72/1		84/1				
Unit																		
S T A N D A R D	BARE DRUM	Maximum Line Pull**	lbs (kg)	34,000 (15,422)		51,200 (23,224)		69,200 (31,389)		88,800 (40,279)		113,000 (51,256)		138,800 (62,959)				
		Approximate Line Speed @	fpm (mpm)	94 (29)		71 (22)		86 (26)		60 (18)		89 (27)		85 (26)				
		Typical Working Load of	lbs (kg)	14,400 (6,532)		20,000 (9,072)		30,000 (13,608)		40,000 (18,144)		50,000 (22,680)		80,000 (36,287)				
	FULL DRUM	Maximum Line Speed	fpm (mpm)	94 (29)		71 (22)		86 (26)		75 (23)		111 (34)		113 (34)				
		Maximum Line Pull**	lbs (kg)	19,000 (8,618)		31,000 (14,061)		40,400 (18,325)		88,800 (40,279)		113,000 (51,256)		138,800 (62,959)				
		Approximate Line Speed @	fpm (mpm)	125 (38)		124 (38)		159 (48)		102 (31)		105 (32)		103 (31)				
	Typical Working Load of	lbs (kg)	14,400 (6,532)		20,000 (9,072)		30,000 (13,608)		40,000 (18,144)		50,000 (22,680)		80,000 (36,287)					
	Maximum Line Speed	fpm (mpm)	169 (52)		124 (38)		160 (49)		139 (42)		183 (56)		177 (54)					
O P T I O N A L	MAXIMUN LINE SPEED BARE DRUM USING OPTIONAL GEAR RATIO Shaded ratios not available for this model	50/1	fpm (mpm)									159 (48)						
		56/1	fpm (mpm)								111 (34)							
		94/1	fpm (mpm)									84 (26)						
		100/1	fpm (mpm)					56 (17)										
		103/1	fpm (mpm)								60 (18)							
		153/1	fpm (mpm)								41 (12)							
DIMENSIONAL DATA See illustrations	A	Ground to highest point	in (mm)	46 (1,168)		51 (1,295)		48 (1,219)		57 (1,448)		67 (1,702)		71 (1,803)				
	B	Ground to drum center	in (mm)	35 (889)		40 (1,016)		36 (914)		43 (1,092)		52 (1,321)		55 (1,397)				
	C	Ground to drawbar center	in (mm)	31 (787)		25 (635)		19 (483)		24 (610)		28 (711)		29 (737)				
	D	Dozer face to end of winch	in (mm)	35 (889)		33 (838)		35 (889)		40 (1,016)		38 (965)		43 (1,092)				
	E	Dozer face to drum center	in (mm)	27 (686)		24 (610)		26 (660)		29 (737)		26 (660)		30 (762)				
	F	Dozer face to drawbar center	in (mm)	25 (635)		25 (635)		22 (559)		28 (711)		30 (762)		35 (889)				
	G	Winch widest width (not shown)	in (mm)	31 (787)		28 (711)		32 (813)		38 (965)		41 (1,041)		48 (1,219)				
SHIPPING WEIGHTS Shaded options not available		Winch, approx. w/o wire rope	lbs (kg)	1,680 (762)		1,450 (658)		1,950 (885)		2,900 (1,315)		3,350 (1,520)		4,500 (2,041)				
		Fairlead	lbs (kg)	310 (141)		310 (141)		450 (204)		800 (363)		800 (363)		1,230 (558)				
		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)		1,015 (460)								
WIRE ROPE CAPACITY Shaded sizes not available Capacity per SAE J1158	WINCH MODEL			Barrel	WIRE ROPE DIAMETER													
				Diameter	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)	
	H4A			8 in. (203 mm)	422 ft. (129 m)		277 ft. (84 m)		195 ft. (59 m)									
	W3C			8 in. (203 mm)	354 ft. (108 m)		232 ft. (71 m)		164 ft. (50 m)									
	W5C			9 in. (217 mm)			423 ft. (129 m)		298 ft. (91 m)		215 ft. (66 m)							
	W6G			10 in. (254 mm)					376 ft. (115 m)		271 ft. (83 m)		210 ft. (64 m)					
	W8L			12 in. (305 mm)							354 ft. (108 m)		275 ft. (84 m)		220 ft. (67 m)			
W12E			14 in. (356 mm)									286 ft. (87 m)		229 ft. (70 m)		182 ft. (55 m)		
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.																		



W3C



W5C



W6G/W8L/W12E