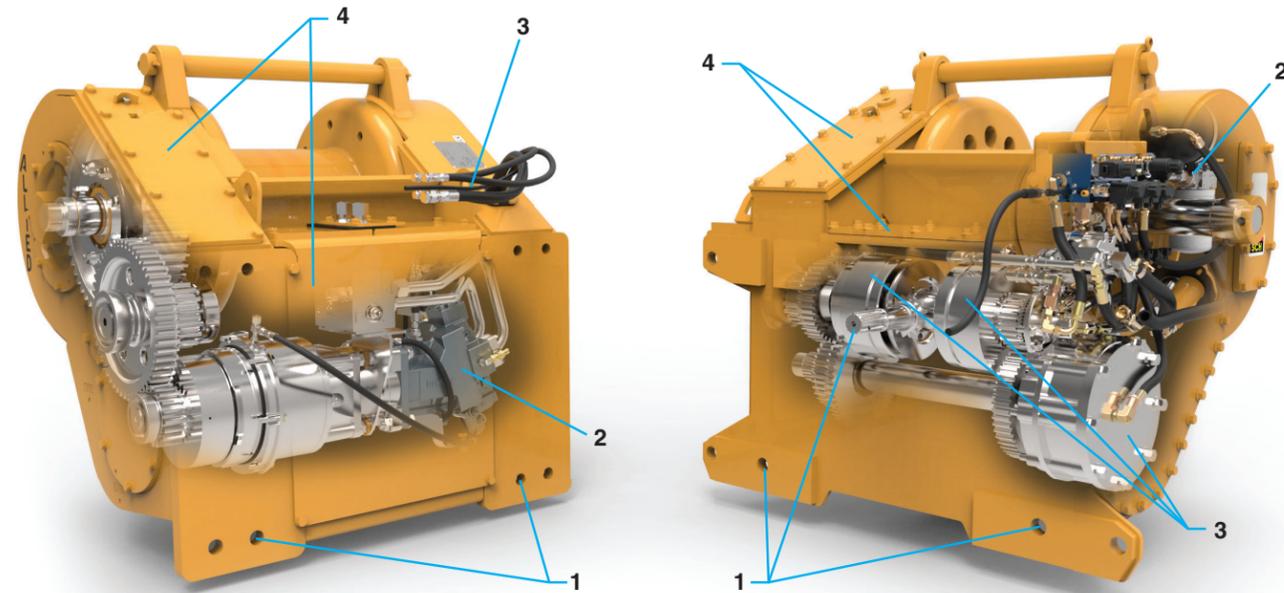


# Allied Winches for John Deere Dozers



## 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.



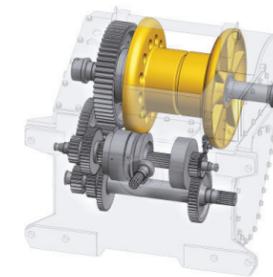
### Integral Arch

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



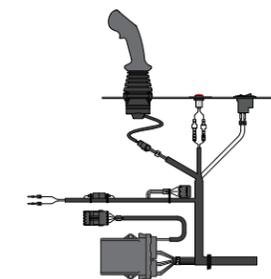
### Freespool

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.

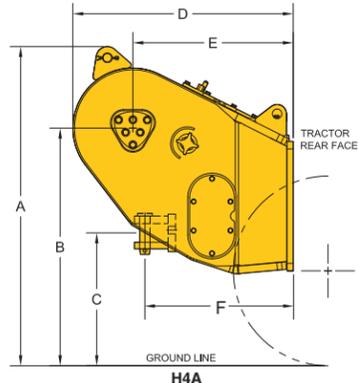
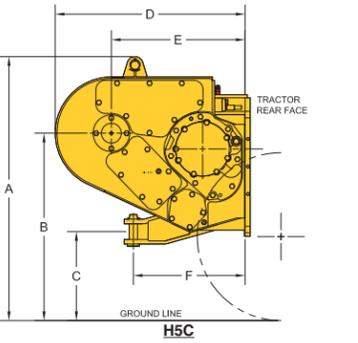
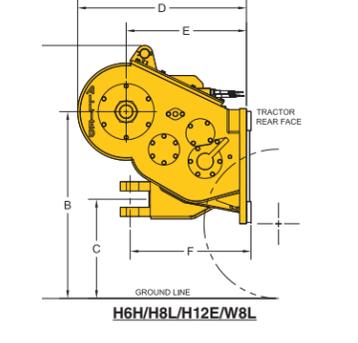
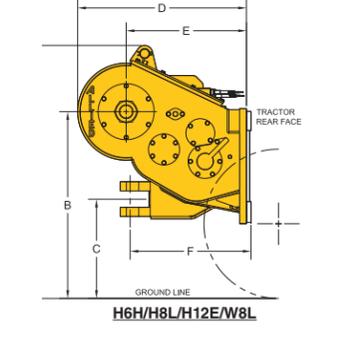
### PTO Winch Features

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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## ALLIED WINCHES FOR JOHN DEERE DOZERS

DOZER MODEL		450J 550K	700K/L	700K	750K/L	750K 850K	750K 850L	1050K				
		650K 700L	750K/L		850L							
WINCH MODEL		H4AH*R	W5C	H5C	H6H	W6F		H8L	H12E			
		HYD Hydrostatic	PTO	HYD Standard	HYD Hi - P	PTO		HYD Standard	HYD Standard			
WINCH TYPE: Hydraulic or Power Take-Off Winch/Tractor Configuration						Forward	Reverse					
Standard Gear Ratio		94:1	66:1	45:1	154:1	56:1	46:1	207:1	209:1			
BARE DRUM	Maximum Line Pull** lbs (kg)	34,600 (15,694)	69,809 (31,665)	60,700 (27,533)	83,850 (38,034)	46,345 (21,022)	38,069 (17,268)	93,600 (42,456)	119,050 (54,000)			
FULL DRUM	Maximum Line Speed fpm (mpm)	83 (25)	52 (16)	38 (12)	76 (23)	77 (23)	94 (29)	54 (16)	87 (27)			
BARE DRUM	Maximum Line Pull** lbs (kg)	19,300 (8,754)	37,626 (17,067)	32,700 (14,832)	45,000 (20,412)	25,490 (11,562)	20,938 (9,497)	57,500 (26,082)	76,400 (34,654)			
FULL DRUM	Maximum Line Speed fpm (mpm)	149 (45)	96 (29)	70 (21)	141 (43)	140 (43)	171 (52)	88 (27)	135 (41)			
Optional Gear Ratio		116:1	100:1			85:1	37:1					
BARE DRUM	Maximum Line Pull** lbs (kg)	39,000 (17,690)	87,600 (39,735)			70,345 (31,908)	30,621 (13,889)					
FULL DRUM	Maximum Line Speed fpm (mpm)	65 (20)	35 (11)			51 (16)	117 (36)					
BARE DRUM	Maximum Line Pull** lbs (kg)	21,800 (9,888)	56,643 (25,693)			38,690 (17,549)	16,842 (7,639)					
FULL DRUM	Maximum Line Speed fpm (mpm)	116 (35)	64 (20)			92 (28)	212 (65)					
Optional Gear Ratio						106:1	46:1					
BARE DRUM	Maximum Line Pull** lbs (kg)					87,725 (39,791)	38,069 (17,268)					
FULL DRUM	Maximum Line Speed fpm (mpm)					41 (12)	94 (29)					
BARE DRUM	Maximum Line Pull** lbs (kg)					48,249 (21,885)	20,938 (9,497)					
FULL DRUM	Maximum Line Speed fpm (mpm)					74 (23)	171 (52)					
DIMENSIONAL DATA	A	Ground to highest point	in (mm)	46 (1,168)	49 (1,245)	48 (1,219)	53 (1,346)	59 (1,499)	69 (1,753)	71 (1,803)		
	B	Ground to drum center	in (mm)	35 (889)	37 (940)	36 (914)	39 (991)	45 (1,143)	54 (1,372)	55 (1,397)		
	C	Ground to drawbar center	in (mm)	20 (508)	20 (508)	19 (483)	20 (508)	26 (660)	30 (762)	29 (737)		
	D	Tractor face to end of winch	in (mm)	36 (914)	35 (889)	35 (889)	38 (965)	34 (864)	40 (1,016)	49 (1,245)		
	E	Tractor face to drum center	in (mm)	28 (711)	26 (660)	26 (660)	28 (711)	23 (584)	29 (737)	37 (940)		
	F	Tractor face to drawbar center	in (mm)	27 (686)	22 (559)	22 (559)	27 (686)	22 (559)	31 (787)	47 (1,194)		
	G	Winch max. width (not shown)	in (mm)	31 (787)	32 (813)	32 (813)	38 (965)	40 (1,016)	39 (991)	49 (1,245)		
SHIPPING WEIGHTS	Winch, approx. w/o wire rope	lbs (kg)	1,680 (762)	1,900 (862)	1,900 (862)	2,250 (1,021)	2,490 (1,129)	3,300 (1,497)	4,400 (1,996)			
	Fairlead	lbs (kg)	310 (141)	450 (204)	400 (181)	875 (397)	875 (397)	900 (408)	1,230 (558)			
	Drawbar	lbs (kg)	30 (14)	w/ winch	w/ winch							
	Integral Arch	lbs (kg)	420 (191)	875 (397)	875 (397)	1,100 (499)	1,100 (499)					
WIRE ROPE CAPACITY	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)
	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)
	W6G	12 in. (305 mm)			376 ft. (115 m)	271 ft. (83 m)	210 ft. (64 m)			Junior	2.375 (60 mm)	2.25 (57 mm)
	H8L	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)
H12E	15 in. (381 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.  
 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.