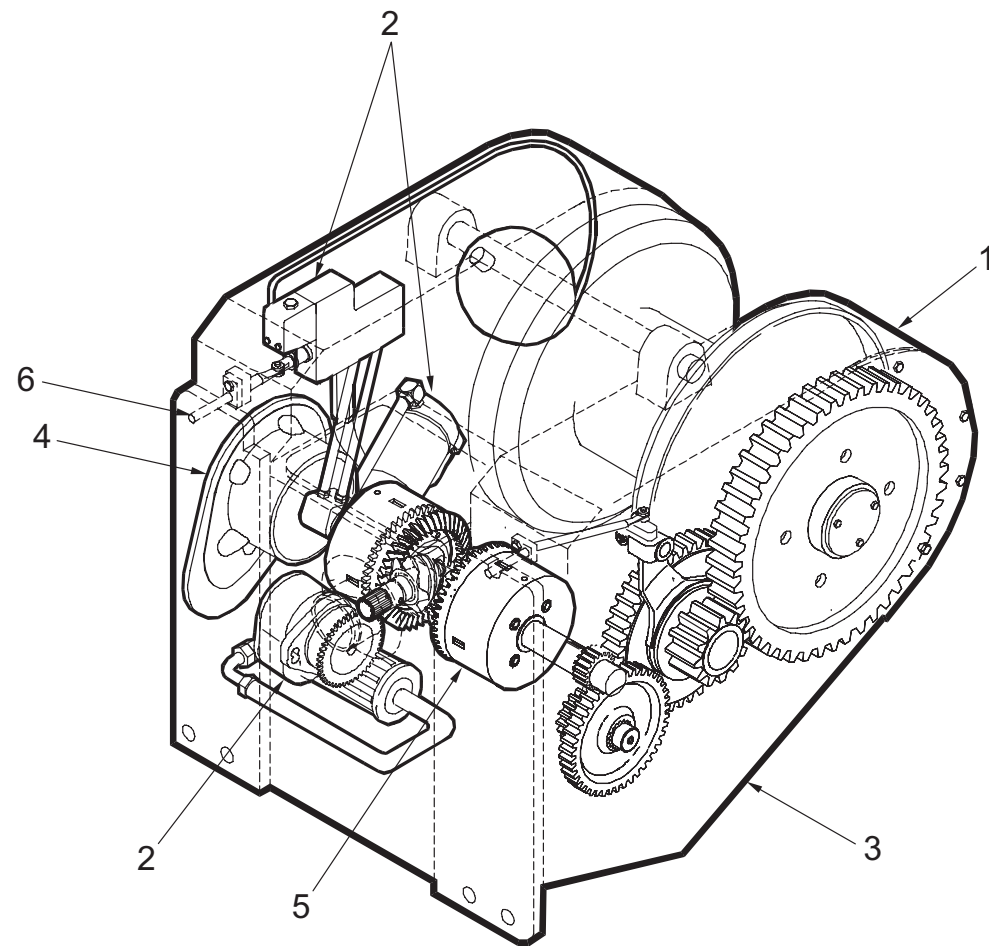




ALLIED WINCHES FOR: DRESSTA DOZERS

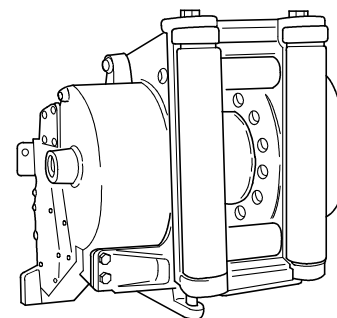


W5C shown. (Other models have similar features.)

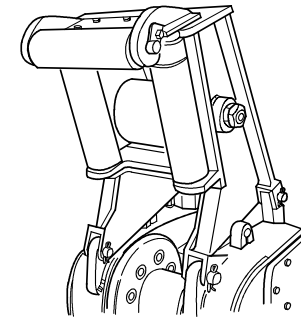
Features

- | | |
|--|---|
| <p>1. FLUSH DRUM
Drum flush with frame to reduce line wear from side pulls.</p> <p>2. SELF CONTAINED HYDRAULICS (SCH)
Valve, pump, filter and hydraulic lines are inside winch for long component life and simplified winch installation.</p> <p>3. HEAVY DUTY FRAME
Protects, and allows easy access to internal components.</p> | <p>4. OIL BRAKE
Spring applied, multiple-disc hydraulically released and oil cooled for long life. No heat fade. Eliminates routine adjustments.</p> <p>5. MULTI-DISC CLUTCH
Hydraulically applied clutch is automatically synchronized with the oil brake for smooth winch line control.</p> <p>6. SINGLE LEVER CONTROL
Connected to single spool control valve for excellent line control regardless of application.</p> |
|--|---|

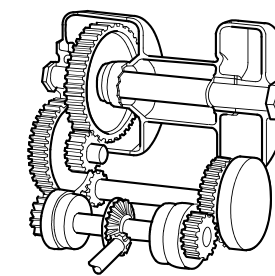
Options



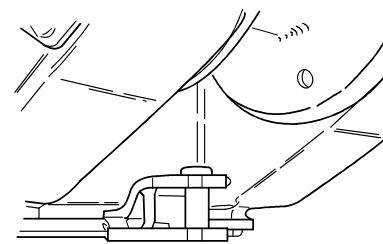
FAIRLEAD
Permits maximum line pull from all angles.



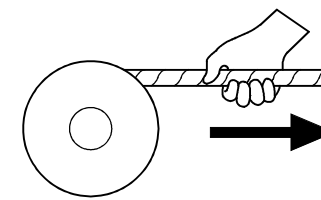
ARCH
Permits maximum line pull from angles and lifts load off ground for ease of skidding.



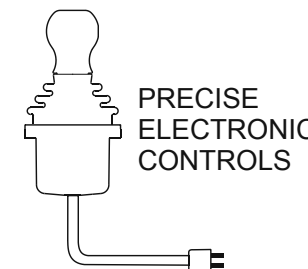
SLOW GEAR RATIO
For precise line speed control and increased line pull capacity.



DRAWBAR
For pulling. Optional on W3C. Standard on W5C, W6G, W8L and W12E.



FREESPOOL
Disconnects drum from gearing drag to allow cable to be easily pulled out by hand. Standard on W3C, W5C and W6G.



PRECISE ELECTRONIC CONTROLS
ELECTRONIC CONTROLS
Simplified winch installation: only one wire harness needed to connect to control joystick. Provides unparalleled line speed control.

Parts and Service Support

Our parts depot carries a large parts inventory to support your dealer. Orders are generally filled within 24 hours from our depot to the dealer. Contact your dozer dealer for your winch parts and service.

Allied Systems
COMPANY

WINCH DIVISION

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ALLIED WINCHES FOR DRESSTA DOZERS

1	DOZER			TD-7G	TD-8G	TD-7M	TD-8M	TD-10M	TD12-C	TD-15E	TD-15M	TD-20G	TD-20H	TD-25E	TD-25M	SB-60	TD-40C
2	MODEL					TD-7H	TD-8H	TD-9H,M			TD-15H				TD25H		
3	WINCH MODEL			W3C	W3C	W3C	W3C	W3C	W5C	W6G	W6G	W8L	W8L	W12E	W12E	W12E	W12E
4	STANDARD GEAR RATIO			39/1	39/1	39/1	39/1	39/1	66/1	83/1	83/1	50/1	50/1	60/1	60/1	60/1	84/1
5	S T A N D A R D	BARE DRUM	Maximum Line Pull (pounds) *	31100	41400	34100	44200	46400	69200	89800	89800	113000	113000	138800	138800	138800	138800
6			Line Speed @	125 fpm	130 fpm	135 fpm	119 fpm	139 fpm	91 fpm	67 fpm	64 fpm	119 fpm	119 fpm	119 fpm	119 fpm	119 fpm	93 fpm
7			Typical Working Load of (pounds)	10000	12500	10000	12500	12500	20000	30000	30000	40000	40000	60000	60000	60000	100000
8	D R U M	FULL DRUM	Maximum Line Speed	160 fpm	141 fpm	156 fpm	140 fpm	159 fpm	103 fpm	79 fpm	71 fpm	164 fpm	164 fpm	152 fpm	155 fpm	155 fpm	113 fpm
9			Maximum Line Pull (pounds)	17800	23800	19600	25400	26600	58900	89800	89800	59400	80000	138800	138800	138800	138800
10			Line Speed @	155 fpm	160 fpm	170 fpm	166 fpm	188 fpm	156 fpm	110 fpm	108 fpm	132 fpm	132 fpm	132 fpm	130 fpm	130 fpm	116 fpm
11	R A T I O		Typical Working Load of (pounds)	10000	12500	10000	12500	12500	20000	30000	30000	40000	40000	60000	60000	60000	100000
12			Maximum Line Speed	275 fpm	250 fpm	273 fpm	244 fpm	277 fpm	191 fpm	144 fpm	129 fpm	267 fpm	267 fpm	242 fpm	242 fpm	242 fpm	176 fpm

13	O P T I M I Z E D G E A R R A T I O (Shaded ratios not available for this model)	56/1							120 fpm	107 fpm							13
14		61/1	102 fpm	92 fpm	100 fpm	89 fpm	102 fpm										14
15		72/1									113 fpm	113 fpm					15
16		84/1											112 fpm	108 fpm	108 fpm		16
17		94/1									82 fpm	87 fpm					17
18		100/1						68 fpm									18
19		103/1							65 fpm	58 fpm							19
20		153/1							44 fpm	39 fpm							20
21																	21
22																	22
23																	23

24	D I M E N S I O N A L D A T A (See illustrations)	A	Ground to highest point	45 in.	48 in.	46 in.	46 in.	48 in.	52 in.	56 in.	56 in.	64 in.	64 in.	67 in.	67 in.	67 in.	78 in.	24
25		B	Ground to drum center	34 in.	37 in.	35 in.	35 in.	37 in.	39 in.	42 in.	42 in.	49 in.	49 in.	51 in.	51 in.	51 in.	62 in.	25
26		C	Ground to drawbar center	20 in.	23 in.	21 in.	21 in.	23 in.	23 in.	23 in.	23 in.	25 in.	25 in.	26 in.	26 in.	26 in.	37 in.	26
27		D	Dozer face to end of winch	30 in.	30 in.	30 in.	30 in.	30 in.	35 in.	39 in.	39 in.	34 in.	34 in.	42 in.	42 in.	42 in.	42 in.	27
28		E	Dozer face to drum center	21 in.	21 in.	21 in.	21 in.	21 in.	26 in.	29 in.	29 in.	23 in.	23 in.	29 in.	29 in.	29 in.	29 in.	28
29		F	Dozer face to drawbar center	23 in.	23 in.	23 in.	23 in.	23 in.	22 in.	27 in.	27 in.	27 in.	27 in.	34 in.	34 in.	34 in.	34 in.	29
30		G	Winch max. width (not shown)	28 in.	28 in.	28 in.	28 in.	28 in.	32 in.	38 in.	38 in.	41 in.	41 in.	48 in.	48 in.	48 in.	48 in.	30

31	W E I G H T S (Shaded option not available)	Winch, approx. w/o cable	1420 lbs.	1420 lbs.	1420 lbs.	1420 lbs.	1420 lbs.	1950 lbs.	2900 lbs.	2900 lbs.	2950 lbs.	2950 lbs.	4825 lbs.	4825 lbs.	4825 lbs.	5300 lbs.	31
32		Fairlead	310 lbs.	310 lbs.	310 lbs.	310 lbs.	310 lbs.	450 lbs.	800 lbs.	800 lbs.	800 lbs.	800 lbs.	1230 lbs.	1230 lbs.	1230 lbs.	1230 lbs.	32
33		Drawbar	55 lbs.	55 lbs.	55 lbs.	55 lbs.	55 lbs.	w/winch	w/winch	w/winch	w/winch	w/winch	w/winch	w/winch	w/winch	w/winch	33
34		Integral Arch	420 lbs.	420 lbs.	420 lbs.	420 lbs.	420 lbs.	875 lbs.	1015 lbs.	1015 lbs.							34

C A B L E C A P A C I T Y														
35	W I N C H C A B L E C A P A C I T Y (Shaded option not available) (Cable capacity of drum is based on SAE J1158 JAN 85)	W i n c h M o d e l	Barrel Diameter	C A B L E D I A M E T E R						F E R R U L E			* 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 cable for that winch model.	
36				1/2 in.	5/8 in.	3/4 in.	7/8 in.	1 in.	1 1/8 in.	1 1/4 in.	Name	Length		Diameter
37			W3C	8.00 in.	354 ft.	232 ft.	164 ft.				Bantam	2 in.		1 1/2 in.
38			W5C	8.56 in.		423 ft.	298 ft.	215 ft.			Light	2 1/4 in.		2 in.
39			W6G	10.00 in.			399 ft.	287 ft.	223 ft.		Light	2 1/4 in.		2 in.
40			W8L	12.00 in.				354 ft.	275 ft.	220 ft.	Junior	2 3/8 in.		2 1/4 in.
41			W12E	14.00 in.					285 ft.	228 ft.	181 ft.	Junior		2 3/8 in.

42	Notes:																42
43																	43
44																	44
45																	45
46	Allied Systems Company reserves the right to change and/or improve specifications and performance at its own descretion without prior notice. Check with dealer for latest data.																46

