

Allied H4A Winch

for Caterpillar D3/4/5K2 Tractors

- Smooth speed control — No shock load
- “Plug and Play” easy installation
- No need for winch-ready option
- Installs on any tractor, regardless of tractor hydraulics



Advantages:

- Infinitely variable speed control—from creeping to full speed with single lever movement. Smooth operation. No shock load.
- Just bolt the winch to dozer for simple “Plug and Play” installation.
- Standard version powered by tractor ripper (fourth valve) hydraulics. Installation time typically less than one day.
- High-performance version supplied with dedicated winch pump and controls, for faster line speed and higher line pull. No need to remove cab to install pump and controls.
- Simplified inventory control. No need to stock a winch-ready tractor. Any D3/4/5K2 can accept the H4A winch.
- Large covers for easy service access.
- Winch comes standard with power-in, power-out and freespool.
- Bolt-on options:
 - 4-Roller Fairlead
 - Drawbar
 - Extended Heavy-Duty Drawbar
 - Adjustable 4-Roller Arch

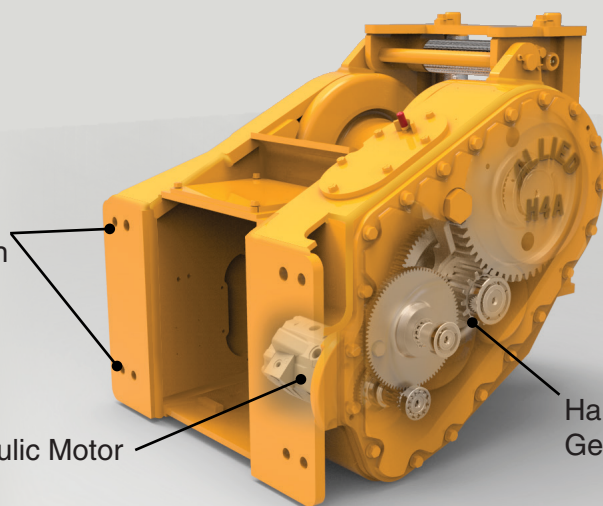


Winch shown with optional equipment.

“Plug and Play”
Easy Installation

Hydraulic Motor

Hardened
Gear Train



Specifications

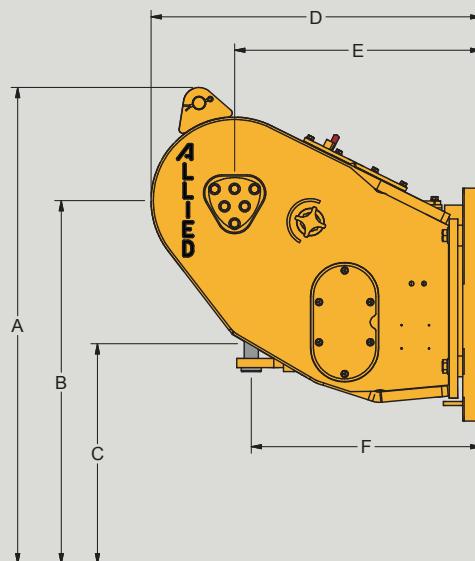
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			H4AH	H4AT
			High Performance	Standard
Bare Drum	Maximum Line Pull	lbs (kg)	38,600 (17,509)	32,150 (14,583)
	Approximate Line Speed @	fpm (mpm)	94 (29)	34 (10)
	Typical Working Load of	lbs (kg)	20,000 (9,072)	20,000 (9,072)
	Maximum Line Speed	fpm (mpm)	100 (30)	46 (14)
Full Drum	Maximum Line Pull	lbs (kg)	22,050 (10,002)	18,350 (8,323)
	Approximate Line Speed @	fpm (mpm)	98 (30)	48 (15)
	Typical Working Load of	lbs (kg)	20,000 (9,072)	17,400 (7,893)
	Maximum Line Speed	fpm (mpm)	176 (54)	81 (25)
Dimensional Data (See Illustration)	A	Ground to highest point	in (mm)	45 (1,143)
	B	Ground to drum center	in (mm)	35 (889)
	C	Ground to drawbar center	in (mm)	20 (508)
	D	Tractor face to end of winch	in (mm)	32 (813)
	E	Tractor face to drum center	in (mm)	24 (610)
	F	Tractor face to optional drawbar center	in (mm)	23 (584)
	G	Winch max. width (not shown)	in (mm)	29 (737)
Weights	Winch, approx. w/o wire rope	lbs (kg)	1,790 (812)	1,700 (771)
	Fairlead	lbs (kg)	310 (141)	
	Drawbar	lbs (kg)	30 (14)	
	Integral Arch	lbs (kg)	420 (191)	
Wire Rope Capacity	Barrel Diameter	in (mm)	8 (203)	
	Wire Rope Diameter	1/2 (13)	ft (m)	422 (129)
		5/8 (16)	ft (m)	277 (84)
		3/4 (19)	ft (m)	195 (59)
	Ferrule	Name		Bantam
		Length	in (mm)	2.0 (51)
		Diameter	in (mm)	1.5 (38)

Allied Systems Company
21433 SW Oregon Street
Sherwood, OR 97140-9808 USA

+1.503.625.2560 (Phone)
+1.800.285.7000 (Toll Free)

www.alliedsystems.com/winch
marketing@alliedsystems.com



86-655
Rev 03/2015



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