BHW
Bushey Hall Winchmaster
www.bhwgroup.com

T-MAX CHW16500 Mk2

Extra Heavy Duty
Planetary Hydraulic Winch
5000kg (49kN) Line Pull

Commercial Recovery Winch
Ideal for Heavy Duty Slide Bed Vehicles

This fast, powerful and reliable machine offers the latest in two stage planetary gear design for quiet, reliable operation.

Designed for foot mounting.

Compliant with EN14492-1 Power Driven Winches

ADDITIONAL EQUIPMENT & SERVICES

- *Radio control - FM•CONNECT or LODAR equipment.*
- *BHW WINCH CONTROL SYSTEM (see below).*
- *Wire Rope 12mm diameter x 30m. 1960N/mm^2 grade. 6 x 36 wire core construction for maximum flexibility.*
- *Electric / pneumatic control valve with manual lever and including 7m wanderlead control, heavy duty 16 amp socket, electrical control system with all wiring in Armaflex protection also includes dump valve with emergency stop button ensuring compliance with EU machinery directives.*
- *Hydraulic oil reservoir tank with filter sight gauge and filler cap, PTO and pump.*
- *Fitting service can be provided, including load testing and certification.*

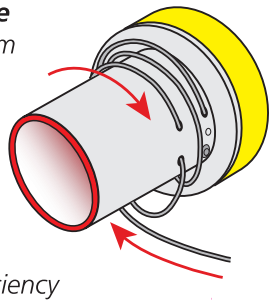
UPGRADE TO A BHW WINCH CONTROL SYSTEM

Save time and money on installation - Ready to fit.

A choice of three alternative winch control kits designed to provide all in one emergency stop, isolator switch, safety solenoid and power outlets. Airshift clutch system parts also available.

FEATURES INCLUDE

- ***5000kgf line pull***
  Rated line pull of 49kN
- ***EN 14492-1 compliant***
- ***Two stage planetary gearing***
  Ideally suited to slidebed vehicles
- ***Good recovery speeds*** *5-7.4m per minute*
- ***Freespool clutch***
  Easy to use T-Bar handle. Can also be adapted for freespool airshift clutch.
- ***Large 30m rope capacity***
  Based on 12mm diameter 1960N/mm^2 grade. 6 x 36 wire core construction
- ***Secure wire rope anchorage***
  Simple thread and wrap system for safe installation of wire rope



- ***Braking system***
  Spring applied brake and motor counterbalance valve supplied as standard to provide 100% braking efficiency
- ***Heavy duty roller guide assembly***
  With large diameter rollers
- ***After sales service***
  Technical advice given on winch fitting and component replacement, plus efficient overnight parts despatch and fast repairs.

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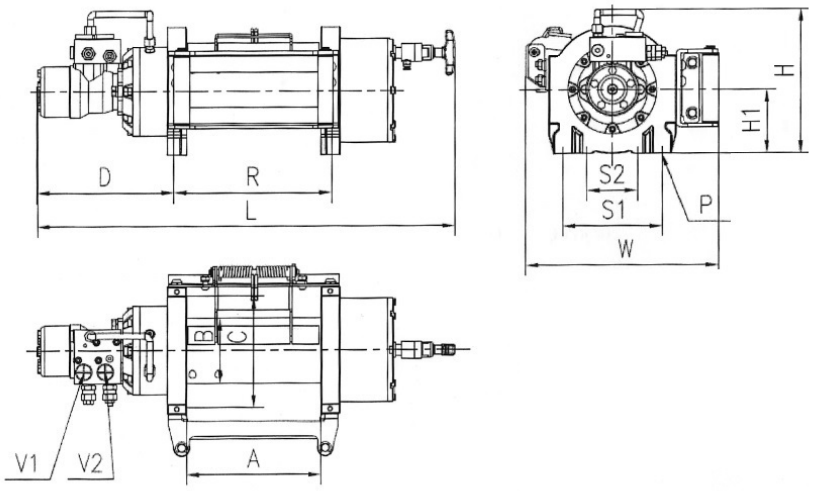
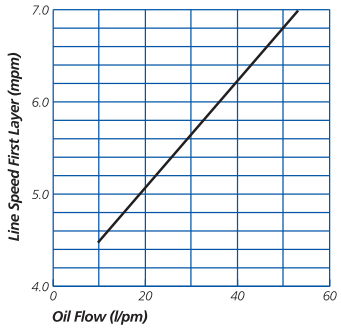
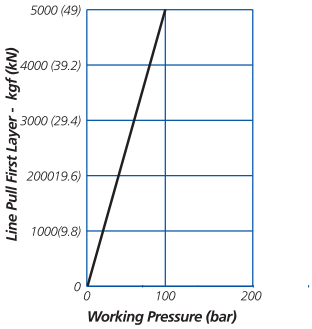


Unit: mm

Model	L	W	H	H1	A	B	C	D	R	S1	S2	P	V1-V2
7133608	839	382	300	127	267	130	240	268	304.80	165.1	114.3	M8-M12 mounting bolts 27depth, 8.8 Grade, torque: 90NM	2-G1/2"

HYDRAULIC PERFORMANCE





RATED LINE PULL, ROPE CAPACITY, LINE SPEEDS

		LAYER			
		1	2	3	4
Maximum Rated Line Pull by Layer	kN kgf	49 5000	42 4300	37 3770	32 3200
*CHW16500 Rope Capacity Cumulative by Layer**	m	9	19	30	42
**Line Speed at 60 l/min*	m/min	5	5.8	6.6	7.4

** Based on recommended 12mm wire rope and 88cc / rev. motor.*

SPECIFICATIONS

Rated Line Pull:	*5000kg (49kN).*
Line Speed:	*5m/min at 60 l/min on bare drum.*
Wire Rope:	*30m x 12mm diameter (1960N/mm^2 grade. 6 x 36 wire core construction - recommended).*
Weight:	*Weight of machine: 80kg.*
Gear Reduction:	*23:1.*
Gear Type:	*Two stage planetary.*
Winch Construction:	*Steel end housings with steel drum.*
Braking:	*Spring applied hydraulic release disc brake and counterbalance valve providing full 100% braking.*
Motor:	*Low speed, high torque.*
Drum:	*130mm diameter x 267mm length. Flange diameter 240mm.*
Drum Rotation:	*Clockwise, or counter clockwise rotation as required.*
Freespool Clutch:	*Spring loaded sliding ring gear engaged and disengaged by rotating lever on gear housing. These winches can be easily adapted to airshift control of the freespool from the side of the vehicle.*
Roller Guides:	*4 way supplied as standard.*

NOTE: An open centre motor spool type control valve must be used (all ports open to tank in neutral).

WARRANTY

Each new winch is guaranteed against defects in workmanship and material defects for a period of twelve months from date of purchase. Wire ropes are not included under warranty.

Not be used for the movement of personnel. Five wraps of wire rope must be maintained on the drum at all times.

Data shown is approximate and intended as a guide only.

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