



RAMSEY HD-P 34.9 3.56 Tonne Planetary Hydraulic Winch

Car and Commercial Recovery Ideal for Slide Bed and Spec Lift vehicles

This fast, powerful and reliable machine offers the latest in single-stage planetary gear design for quiet reliable operation and is designed for either foot or side mount.

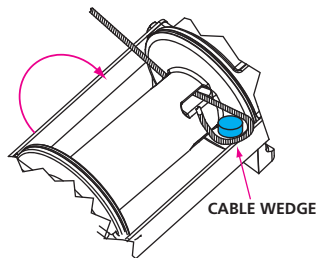
Available in short or long drum options.

Fully compliant with EN 14492-1 regulations.

ADDITIONAL EQUIPMENT & SERVICES

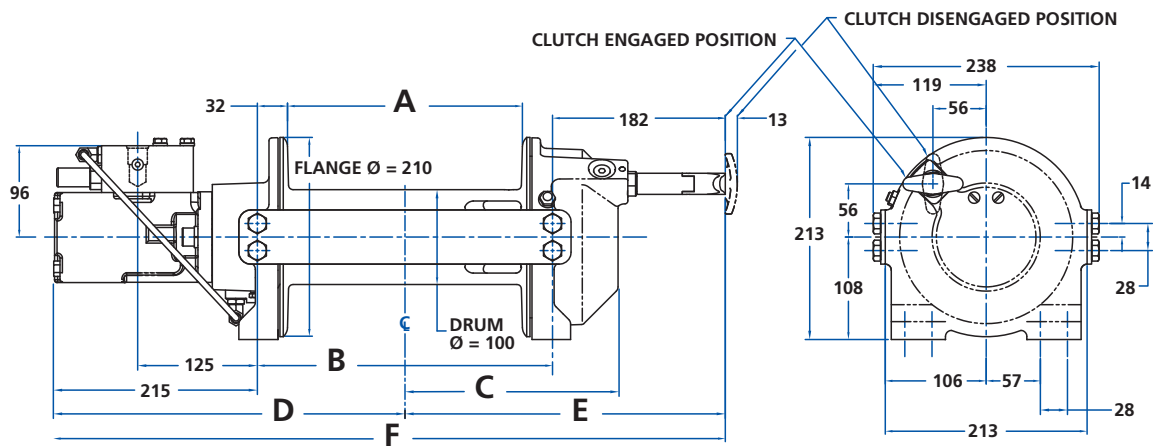
- Air shift freespool clutch with remote activation and positive engagement indicator light.
- Radio control system to give flexibility in operating the winch up to 40m distance.
- Wire Rope 10mm diameter 1960N/mm² grade. 6 x 36 wire core construction for maximum flexibility. Lengths: 23m (standard drum) 30m (long drum)
- 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.

SECURE WIRE ROPE ANCHORAGE



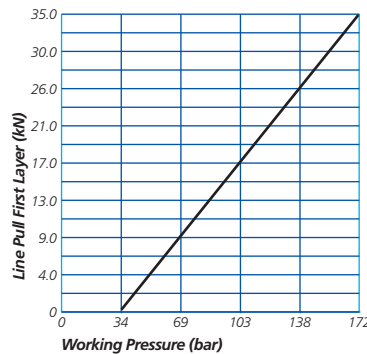
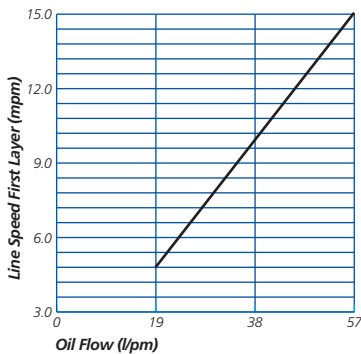
FEATURES INCLUDE

- **3560kgf line pull**
Rated line pull of 34.9kN
- **EN 14492-1 compliant**
- **Single stage planetary gearing**
Ideally suited to slidebed and spec lift applications
- **Wedge pocket rope anchor on drum**
Major safety benefit - prevents rope release from drum fixing
- **Fast recovery speeds** Up to 15m per minute
- **Short drum and long drum options**
165mm or 248mm lengths
- **Large 100mm diameter drum(s) with deep flanges**
Extends rope life and assists wrapping. Flange dia. 210mm
- **Excellent rope storage**
Up to 40m capacity (see drum options)
- **Heavy duty roller guide assembly**
With greaseways and large diameter rollers
- **Spring loaded clutch**
Easy to use
- **Braking system**
Spring applied brake and motor counterbalance valve supplied as standard to provide 100% braking efficiency
- **After sales service**
Technical advice given on winch fitting and component replacement, plus efficient overnight parts despatch and fast repairs.



DIMENSIONS (mm) SHORT & LONG DRUM OPTIONS						
	A	B	C	D	E	F
HD-P 34.9 (SHORT DRUM)	165	229	184	330	296	626
HD-P 34.9 (LONG DRUM)	248	311	225	371	337	708

HYDRAULIC PERFORMANCE



LINE PULL AND LINE SPEED PERFORMANCE

		LAYER (LONG DRUM)			
		1	2	3	4
Maximum Rated Line Pull by Layer	kN	34.9	29.4	25.4	22.3
	kgf	3560	3000	2600	2270
HDP 34.9 Rope Capacity Cumulative by Layer (10mm Dia. Wire Rope)	m	7	16	25	38
*Line Speed at 58 l/min	m/min	15	18	20	23

* Based on recommended 10mm wire rope, 1960 grade and 254cc / rev. motor.

SPECIFICATIONS

Rated Line Pull:	34.9 kN (3560kgf). EN14492-1 compliant
Line Speed:	15m/min at 58 l/min on bare drum
Wire Rope:	10mm diameter (1960N/mm ² grade. 6 x 36 wire core construction - recommended) Lengths: 23m (standard drum) 40m (long drum)
Weight:	Weight of machine: 38kg. With roller guides and rope: 44kg (short drum) 47kg (long drum)
Gear Reduction:	5.1:1
Gear Type:	Single stage planetary
Winch Construction:	Die cast aluminium 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:	100mm diameter x 248mm with wedge pocket rope anchor
Drum Rotation:	Clockwise, or counter clockwise rotation as required
Roller Guides:	Heavy duty commercial type with large diameter rollers and greaseways
Freespooling:	Spring loaded lever. Option: Air activated clutch using remote switch with engagement indicator light

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

NOTES

These winches must not be used for the movement of personnel and 5 wraps of wire rope must be maintained on the drum.

Data shown is approximate and intended as a guide only.

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.

Bushey Hall Winchmaster sales@bhwwgroup.co.uk www.bhwwgroup.com

Southern Office: Lismirrane Industrial Park, Elstree Road, Elstree, Herts, WD6 3EE Tel: +44 (0)20 8953 6050 Fax: +44 (0)20 8207 5308

Northern Office: 6 South Orbital Trading Park, Hedon Road, Hull, East Yorkshire, HU9 1NJ Tel: +44 (0)1482 223 663 Fax: +44 (0)1482 218 285

Bushey Hall Winchmaster is a division of BHW Group Limited. Registered in England No. 1342461



CERT. No. 1769