

REEL•SMART™

A major breakthrough in winching on slide bed vehicles



The patented REEL•SMART™ system uniquely positions the winch to one side of the slide bed and is able to provide a straight line pull from any angle – even when the connection to the casualty vehicle is offset.

The unique REEL•SMART™ sliding head positions the pull directly in line with the tow eye, reducing its risk of shearing, and limiting damage to the casualty vehicle.

REEL•SMART™ overcomes many time wasting problems in the recovery procedure. The free spool clutch is now easily accessible from the road, and when working over side bollards, the rope still winds on evenly, with absolutely no bunching.

REEL•SMART™ will assist in a 'crabbing' situation, reducing additional stress on the winch or rope, thereby limiting damage.

The REEL•SMART™ winch interface system is supplied ready-to-fit for the body builder, and is shown here with the Ramsey HDP 34.9 3.56 tonne planetary hydraulic winch.

- Guarantees even rope wrapping and eliminates 'bird nesting'
- Less rope breakage or kinks (Saving money on rope replacement)
- Reduces risk of damage during recovery
- Pulls directly in line from any angle
- Reduces loading time - extends winch life
- Provides freespool clutch access from the side of the vehicle

EUROPEAN PATENT
NO. 98 303456.2

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This revolutionary design guarantees even rope wrapping **every time**.

No more 'bird nesting' – less damage to wire ropes.

REEL•SMART™ offers the ideal opportunity to save time and extend the life of winch component parts – an excellent recovery investment all round.



BENEFITS OF A REEL•SMART™ WINCH SYSTEM

Compared to any other recovery winch system, the benefits of the REEL•SMART™ are clear.

On casualty vehicles, only the tow eye assembly has been designed to take the pull during recovery. They are tested to withstand horizontal and vertical forces of 25° and 5° respectively.

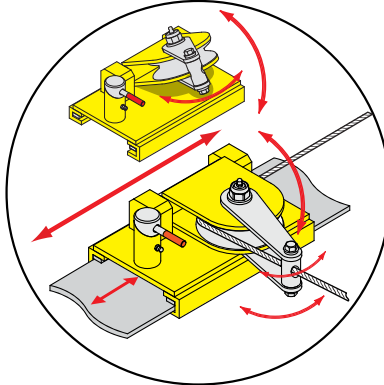
Only REEL•SMART™ is guaranteed to meet these requirements - from virtually any angle.

The winch is also under less strain and the wire rope is neatly stored on to the drum, with no snagging or damage.

SIMPLY MOVE THE ROTATOR HEAD - NOT THE WHOLE WINCH.

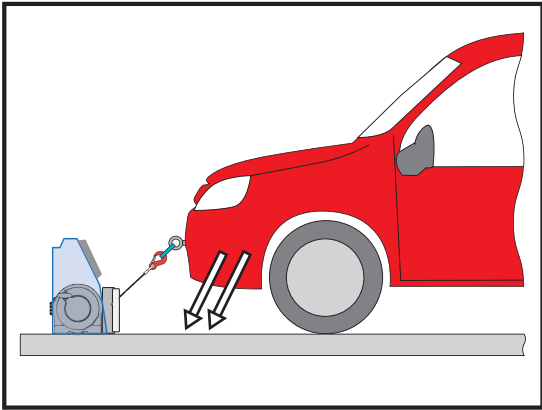
Sliding winches require the operator to move the whole winch, which can often weigh as much as 80kg+, into line with the casualty vehicle tow eye.

REEL•SMART™ only requires the movement of the 9kg rotator head.



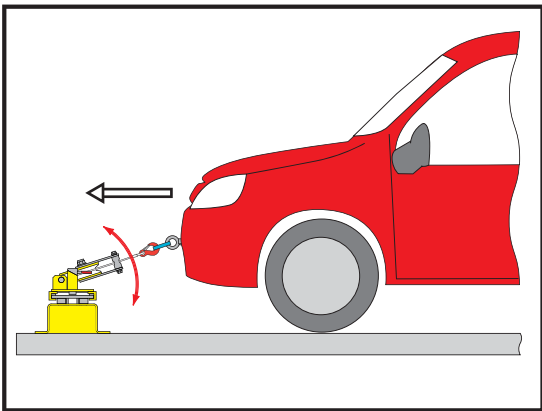
The REEL•SMART™ adjustable rotator head ensures that the wire rope is directly in line with the tow eye and the feed to the winch drum gives perfect wire rope stowage.

SLIDING OR CENTRALLY MOUNTED WINCHES DO NOT ADJUST FOR TOW EYE HEIGHTS WHEN WINCHING IN.

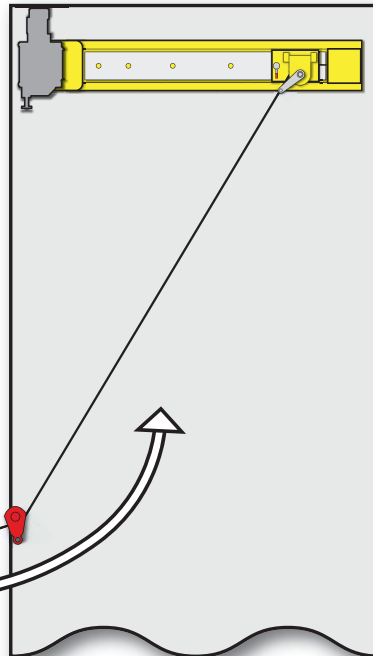


Results in high pull down force on the tow eye and suspension - and strain to the winch as casualty vehicle gets close.

THE REEL•SMART™ ROTATOR HEAD AUTOMATICALLY ADJUSTS TO SUIT THE HEIGHT OF THE TOW EYE.



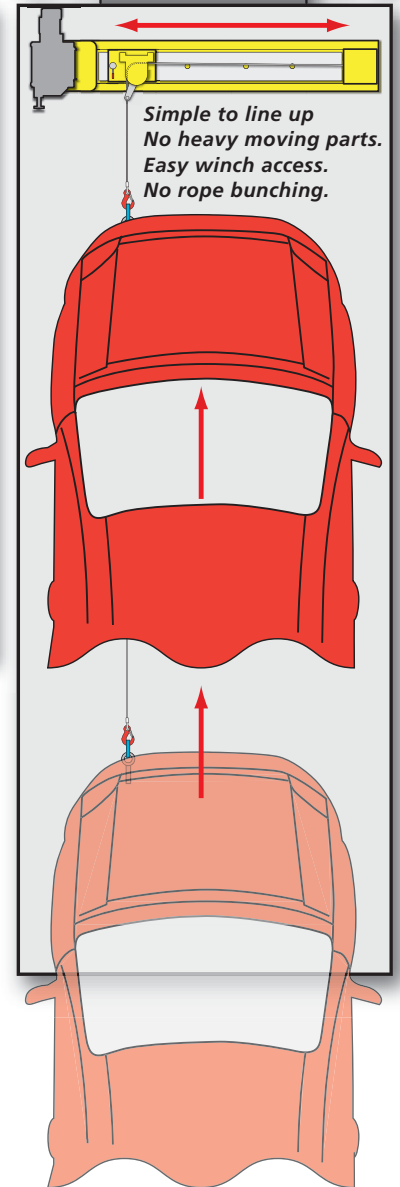
Rotator pivots upwards as casualty vehicle gets close, reducing pull down bending force to nearly zero. The tow eye, the suspension and the winch are all under less strain.



SIDWAYS RECOVERY MADE EASY.

REEL•SMART™ makes recovery from either side of the carrier easy.

Whatever the angle of pull, REEL•SMART™ ensures perfect wrapping on the drum every time, without bunching occurring.



Simple to line up
No heavy moving parts.
Easy winch access.
No rope bunching.

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