



▷ PNEUMATIC

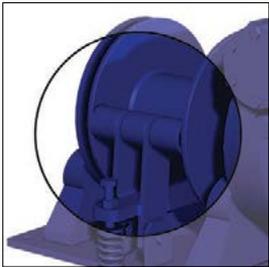
Pneumatic winches are normally supplied with a failsafe, bi-directional lever operated control valve, mounted on the winch. Pendant controls are also available for remote operation of winches. These are available in a variety of types depending upon the service of the winch. (Push Button, Trigger, All Steel, Polyamide)

▷ HYDRAULIC

Hydraulic winches are normally supplied with a brake and/or counterbalance valve where required. Hydraulic control valves can be supplied on request when power pack specifications are known. Hydraulic control valves should be "open to tank" in the neutral position to allow the winch to failsafe.

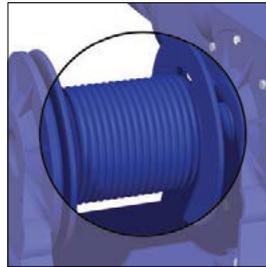
▷ ELECTRIC

Electric winches are normally supplied with a single speed, wall mounted, push button control panel c/w load limiter if required. A large range of optional controls are available including but not limited to; low voltage pendant remote, radio remote, variable speed frequency drive, multi winch control.



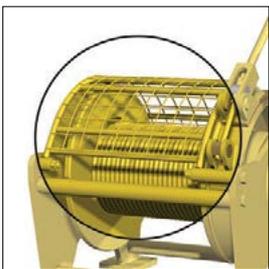
DRUM PRESSURE ROLLER

Presses the rope onto the drum core. Maintains the rope on the drum in a tidy condition. Particularly useful where 'slack rope' conditions may arise.



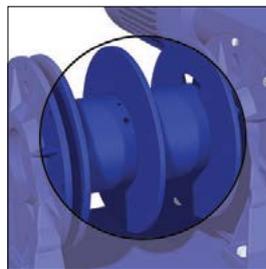
GROOVED DRUM

Left or right hand helical grooving of drum core to suit specified rope diameter. Assists spooling, enables fleet angle to be increased from 1.5 to 2.5 degrees. Beneficial when non-rotating wire rope is specified.



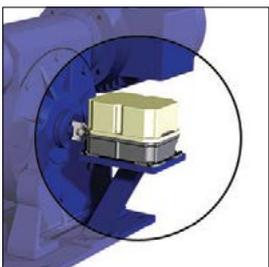
DRUM GUARD

Manufactured with a steel frame and heavy steel mesh. Prevents personnel becoming trapped by the rope or drum. Affords limited protection in the event of rope breakage.



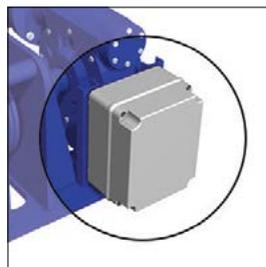
DRUM DIVIDER FLANGE

Where two or more wires are required to be in operation over more than one layer.



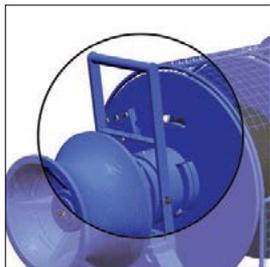
LIMIT SWITCH

Enables the winch to stop safely without operator intervention. Conventionally two position (upper and lower) but optionally with intermediate positions. The limit switch is driven off the drum shaft via a small reduction gear. The stopping positions are user adjustable.



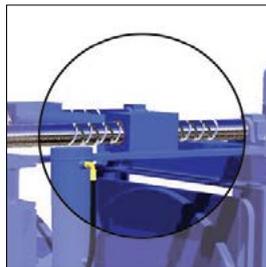
FREQUENCY INVERTER CONTROL

Where variable speed is required using a synchronous electric motor a frequency drive may be specified. This enables fully proportional control of the winch speed between 5% and 100% of full rated speed. Optionally the drive may be pre-programmed with an acceleration ramp.



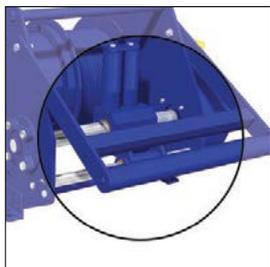
CLAW CLUTCH

Various clutch options where 'free spooling' of the winch drum is required.



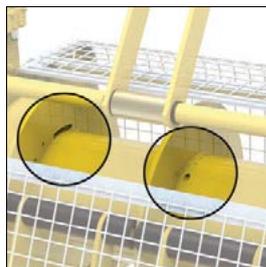
SPOOLING GEAR

Used to ensure correct spooling onto the winch drum. Traversing action of the spooling gear is directly proportional to the rotational speed of the winch drum.



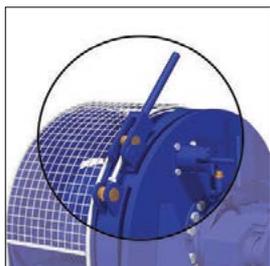
SLACK WIRE CLUTCH

Removes power to the winch should the wire become slack during normal operations.



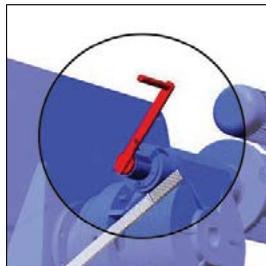
ADDITIONAL ANCHOR

Used when more than one wire is required to operate from the drum.



MANUAL BAND BRAKE

Wind on band brake. Used as primary or secondary brake depending on winch application.



MANUAL HAND CRANK

Designed for emergency recovery purposes in the event of a power failure. May be fitted to any of our worm driven winches



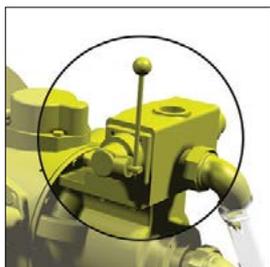
HYDRAULIC BAND BRAKE

Automatic powered band brake. Used as primary or secondary brake depending on winch application.



PENDANT CONTROL

For remote operation of winch



PNEUMATIC CONTROL VALVE

Air control valve situated on winch body