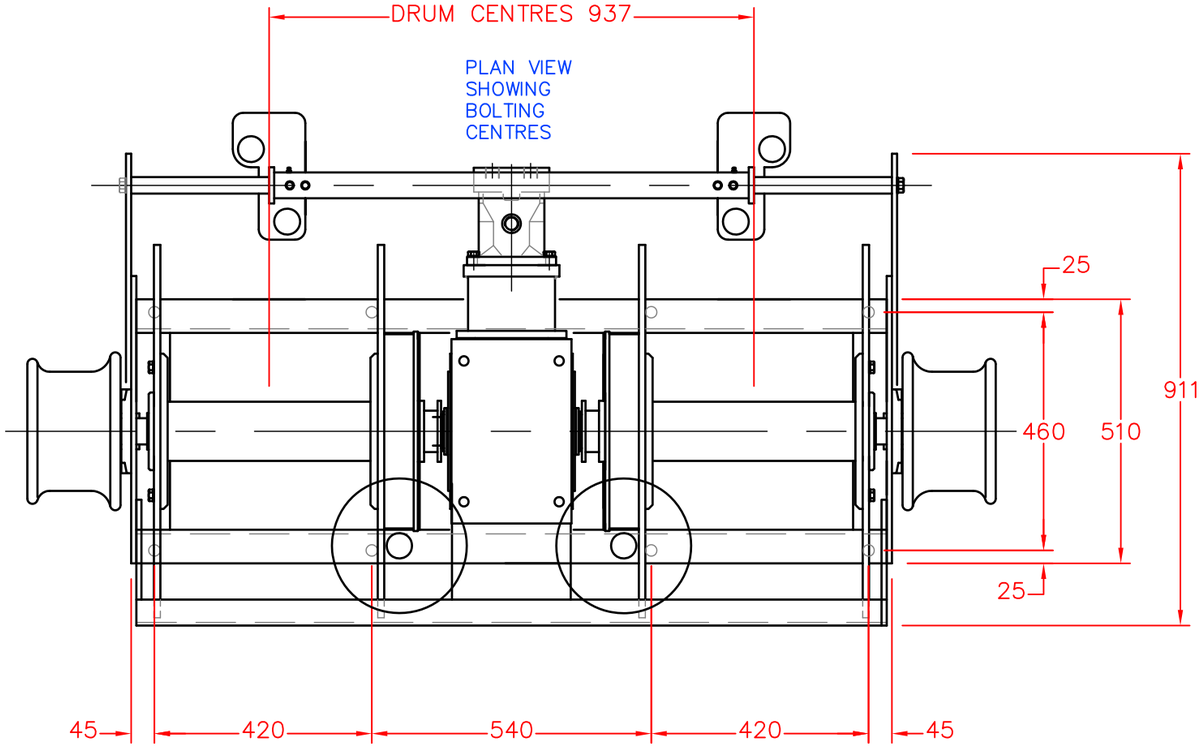


HYDRAULIC SUPPLY REQUIRED _____ 91 LPM. @ 140 BAR
THIS WILL BE AVAILABLE WITH PUMP SIZE 3P20 AND AN ENGINE SPEED OF 1000 RPM.

WINCH SPEED _____ 50 RPM

FIRST LAYER WIRE SPEED _____ 18 METRES/MINUTE
MID LAYER WIRE SPEED _____ 48 METRES/MINUTE (STANDARD DRUM)
TOP LAYER WIRE SPEED _____ 78 METRES/MINUTE (STANDARD DRUM)

WINCH PULL
FIRST LAYER _____ 5.25 TONS
MID LAYER _____ 1.65 TONS (STANDARD DRUM)
TOP LAYER _____ 1.2 TONS (STANDARD DRUM)

DRUM CAPACITY.

WIRE CAPACITY
TO MID LAYER _____ 450M X 12MM WIRE
TO TOP LAYER _____ 900M X 12MM WIRE

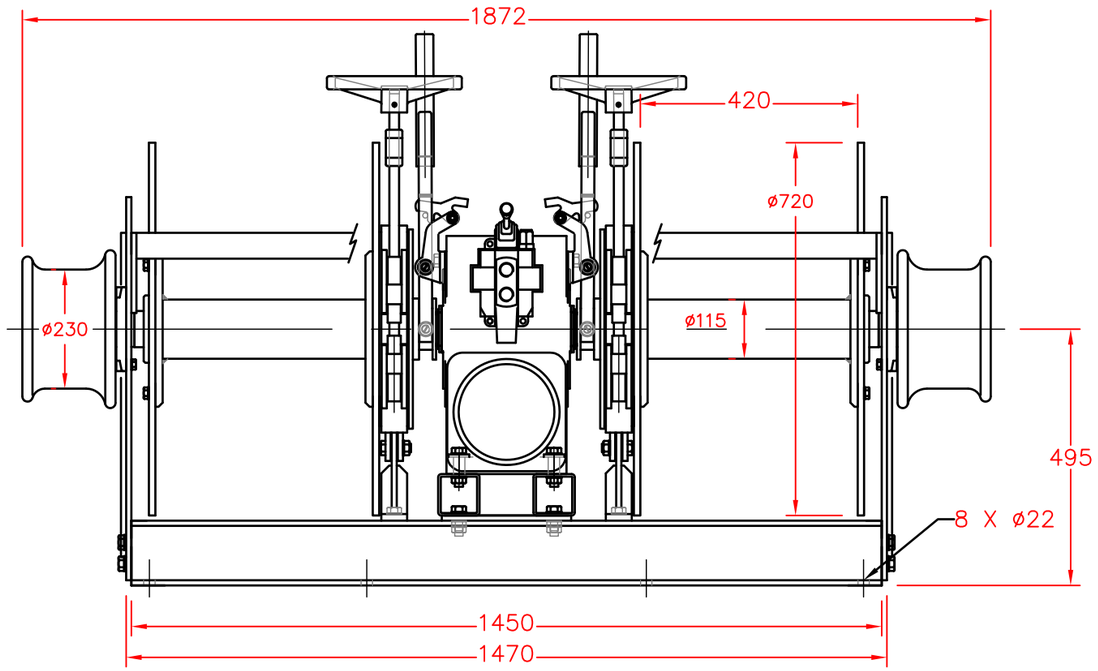
THE TOP LAYER IS CALCULATED TO HAVE FILLED THE WINCH DRUM TO ø650.

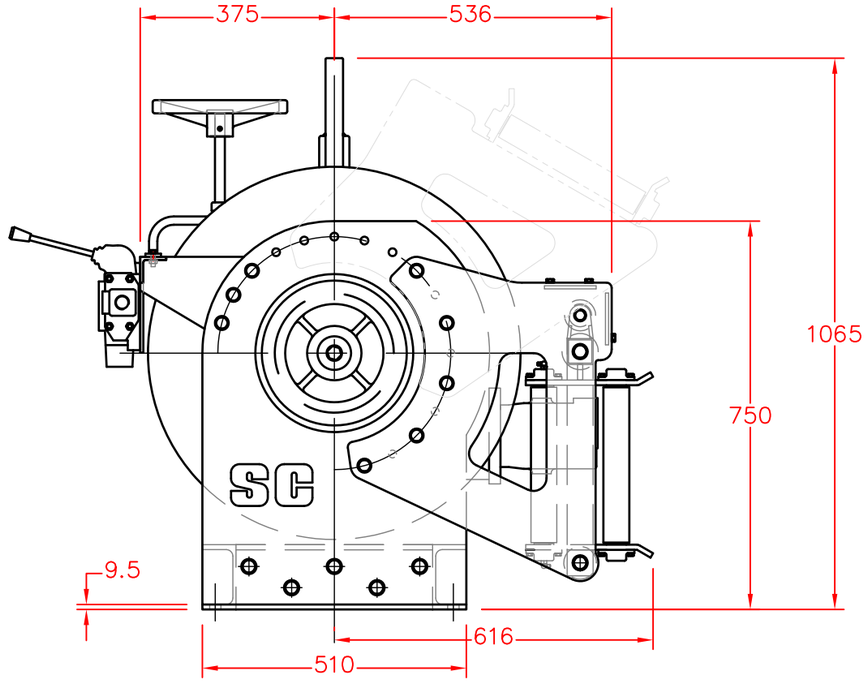
THE FOLLOWING IS AN EXAMPLE OF THE TRUE CAPACITY OF THE WINCH DRUM.

2 LAYERS – 20MM ROPE _____ (18METRES)
8 LAYERS – 10MM WIRE _____ (270 METRES)
6 LAYERS – 20MM COMBINATION ____ (198 METRES)

THERE WILL BE 60MM LEFT ALL ROUND OVER AND ABOVE THE TOP LAYER OF COMBINATION TO THE RIM OF THE DRUM FLANGE.

WIEGHT APPROX.....830 KG.





THE GUIDE ON GEAR WIRE ANGLE CAN BE EASILY CHANGED, IN 15° INCREMENTS, FROM WIRE STRAIGHT OUT ALONG DECK, UP TO VERTICAL 90°.

ALTERATIONS	DATE	ALTERATIONS	DATE	MATERIAL	MACHINING TOLERANCES	TITLE
				FINISH	ONE DEC. PLACE (.0) = ±.15mm TWO DEC. PLACE (.00) = ±.05mm NO DEC. PLACE = ±.4mm	1.5 TON TRAWL WINCH TW4 Mk5
				SCALE 1:12	UNLESS OTHERWISE STATED	
				DRN. A.M. DATE 30.07.14		

Spencer Carter

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