

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)

**STANDARD WINCH DRUM CAPACITY.**

WIRE CAPACITY TO MID LAYER \_\_\_\_\_ 300M X 12MM WIRE  
TO TOP LAYER \_\_\_\_\_ 600M X 12MM WIRE

THE TOP LAYER IS CALCULATED TO HAVE FILLED THE WINCH  
DRUM TO  $\phi$ 500.

**OVERSIZE WINCH DRUM CAPACITY.**

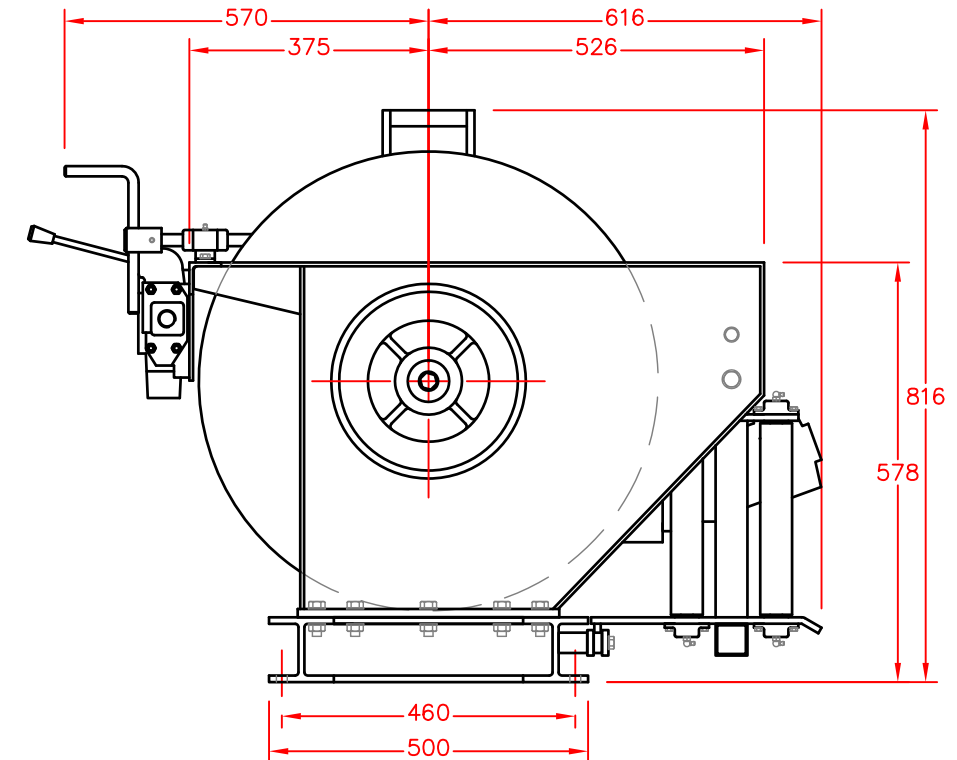
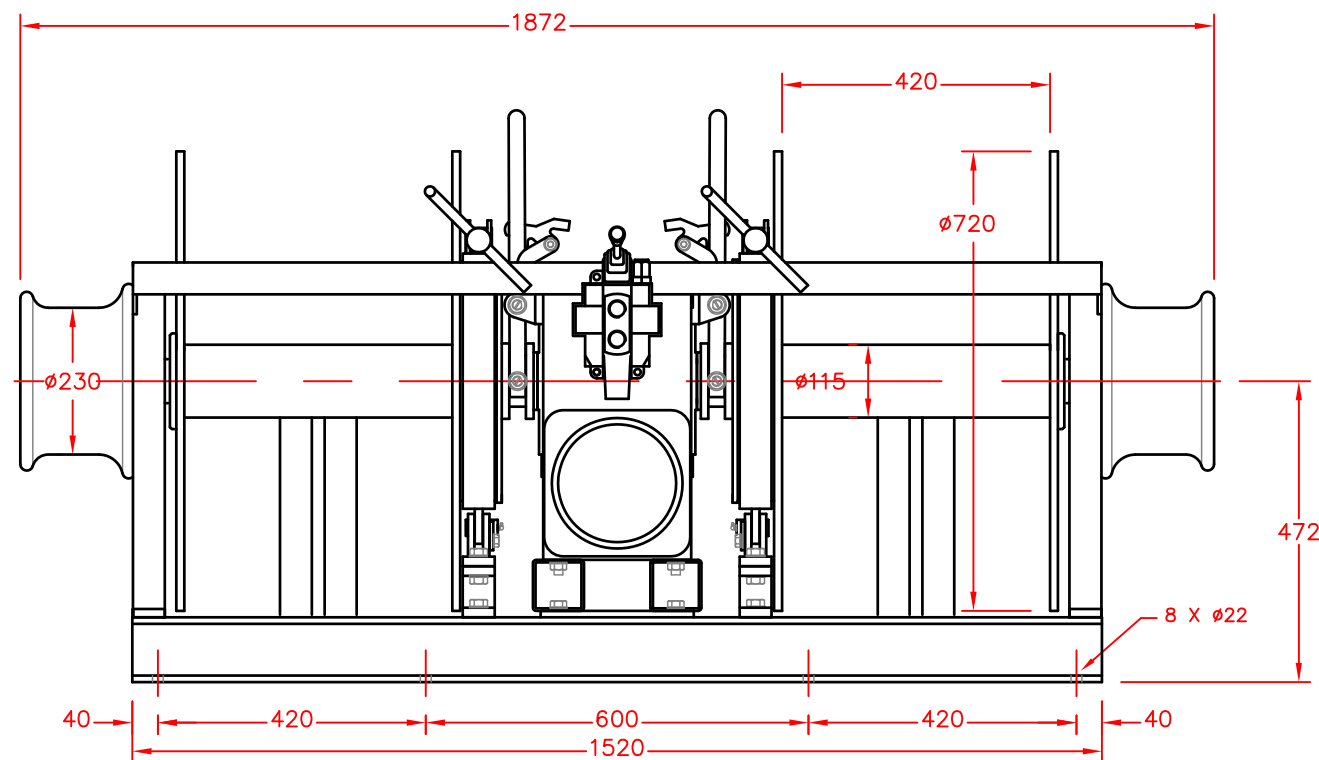
WIRE CAPACITY TO MID LAYER \_\_\_\_\_ 450M X 12MM WIRE  
TO TOP LAYER \_\_\_\_\_ 900M X 12MM WIRE

THE TOP LAYER IS CALCULATED TO HAVE FILLED THE WINCH  
DRUM TO  $\phi$ 650.

THE FOLLOWING IS AN EXAMPLE OF THE TRUE CAPACITY  
OF THE OVERSIZE 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.



ALTERATIONS	DATE	ALTERATIONS	DATE	MATERIAL	MACHINING TOLERANCES ONE DEC. PLACE (.0) = $\pm$ .15mm TWO DEC. PLACE (.00) = $\pm$ .05mm NO DEC. PLACE = $\pm$ .4mm UNLESS OTHERWISE STATED		TITLE 1.5 TON TRAWL WINCH MK4 + $\phi$ 150 DRUM SIZE	
				FINISH			SCALE 1:12	DRG.NO. 623-348
				DRN. M.J.S.	DATE 28:09:95		SPENCER CARTER LTD. FALMOUTH, CORNWALL, U.K. TEL. (01326) 373423 FAX. (01326) 373571	