

Macduff Shipyards Technical Winch Information

Winch Model	Winch Configuration	Motor Type	Torque at 185 Bar	Approx. Core Pull
MS 80 E-2	2 drum + 1 warping drum	Hagglunds ca50	9250Nm	9.2T
MS 80 M-2	2 drum + 2 warping drum	Hagglunds ca50	9250Nm	9.2T
MS 80 E-3	3 drum + 1 warping drum	Hagglunds ca50	9250Nm	9.2T
MS 80 M-3	3 drum + 2 warping drum	Hagglunds ca50	9250Nm	9.2T
MS 80 M-2+2	2 drum + 2 aux. + 2 warping	Hagglunds ca50	9250Nm	9.2T
MS 100 E-2	2 drum + 1 warping drum	Hagglunds ca70	12950Nm	10.7T
MS 100 M-2	2 drum + 2 warping drum	Hagglunds ca70	12950Nm	10.7T
MS 100 E-3	3 drum + 1 warping drum	Hagglunds ca70	12950Nm	10.7T
MS 100 M-3	3 drum + 2 warping drum	Hagglunds ca70	12950Nm	10.7T
MS 100 M-2+2	2 drum + 2 aux. + 2 warping	Hagglunds ca70	12950Nm	10.7T
MS 150 E-2	2 drum + 1 warping drum	Hagglunds ca100	18500Nm	15.1T
MS 150 M-2	2 drum + 2 warping drum	Hagglunds ca100	18500Nm	15.1T
MS 150 E-3	3 drum + 1 warping drum	Hagglunds ca100	18500Nm	15.1T
MS 150 M-3	3 drum + 2 warping drum	Hagglunds ca100	18500Nm	15.1T
MS 150 M-2+2	2 drum + 2 aux. + 2 warping	Hagglunds ca100	18500Nm	15.1T
MS 200 E-2	2 drum + 1 warping drum	Hagglunds ca140	25900Nm	21.2T
MS 200 M-2	2 drum + 2 warping drum	Hagglunds ca140	25900Nm	21.2T
MS 200 E-3	3 drum + 1 warping drum	Hagglunds ca140	25900Nm	21.2T
MS 200 M-3	3 drum + 2 warping drum	Hagglunds ca140	25900Nm	21.2T
MS 200 M-2+2	2 drum + 2 aux. + 2 warping	Hagglunds ca140	25900Nm	21.2T
MS 300 E-2	2 drum + 1 warping drum	Hagglunds ca210	38850Nm	28.7T
MS 300 M-2	2 drum + 2 warping drum	Hagglunds ca210	38550Nm	28.7T
MS 300 E-3	3 drum + 1 warping drum	Hagglunds ca210	38550Nm	28.7T
MS 300 M-3	3 drum + 2 warping drum	Hagglunds ca210	38550Nm	28.7T
MS 300 M-2+2	2 drum + 2 aux. + 2 warping	Hagglunds ca210	38550Nm	28.7T