

350TE REEL DRIVE SYSTEM & 20TE HORIZONTAL TENSIONER



LAY SPREAD DIMENSIONS

Description	Length (m)	Width (m)	Height (m)	Weight (Te)
Lay Spread Control Cabin *	6.10	2.44	2.59	5.0
RDS Towers * (each)	6.65	4.27	7.57	54.7
RDS Rails (each)	11.0	3.30	0.53	7.8
Tower Skidding HPU	1.78	0.98	1.22	1.0
Tensioner *	5.10	3.73	2.54	20.8
Roller Boxes (each)	1.46	0.62	1.49	0.8
Tensioner Distribution Unit	1.50	0.45	2.04	0.4
Tensioner HPU	3.00	1.50	2.25	6.0
Workshop Container *	6.10	2.75	2.59	6.0
Spares Container	6.10	2.44	2.59	8.0
Inlet Chute (flared, with MBR 5.50m)	5.00	2.00	2.50	3.2
Overboard Chute (with MBR 5.50m)	6.50	2.10	7.30	12.5

* Certified dedicated rigging and lift beam is available.

GENERAL DESCRIPTION

The electric driven lay system (originally SAS) is equipped with all components required for umbilical or flexible lay, this allows the devices to be highly resistant to interferences. It is designed to lift reels and spool flexible product/ umbilical on or off. The system design can accommodate various sizes and capacities of reels.

BENEFITS

- Electric driven
- Robust
- Precision low speed pay-outs



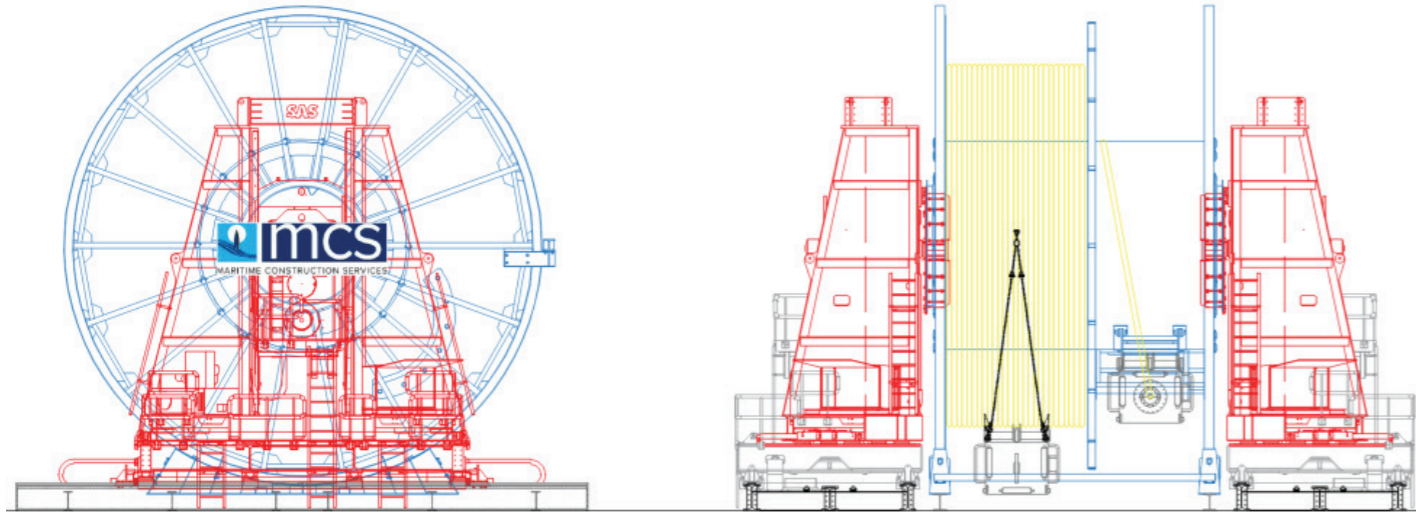
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350TE REEL DRIVE SYSTEM

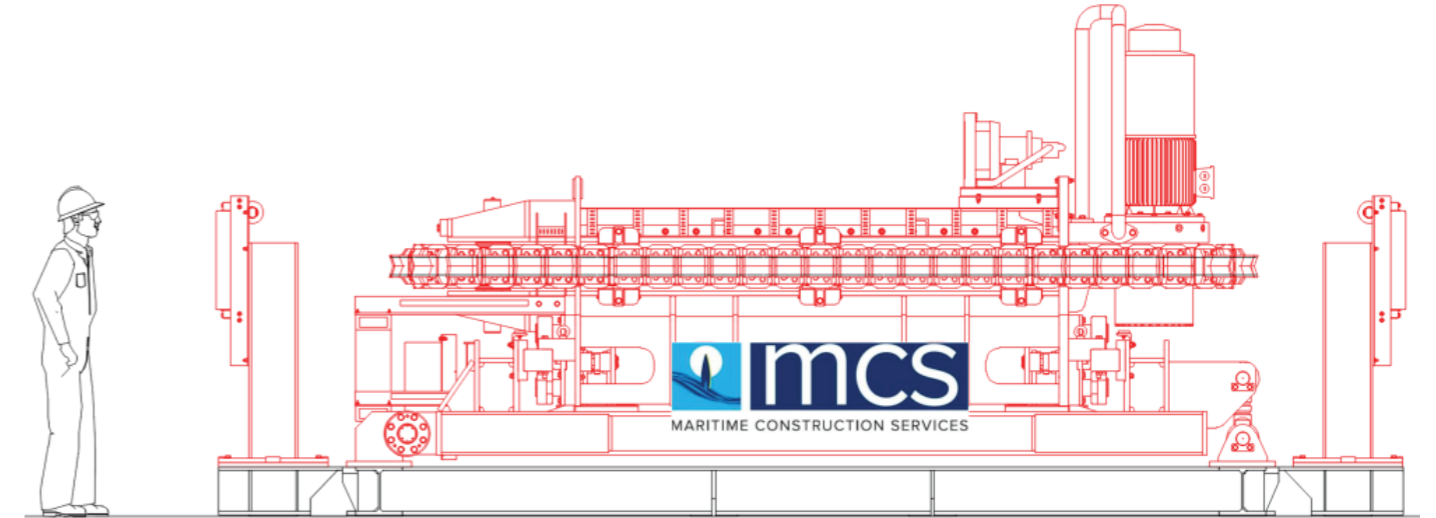
EQUIPMENT DESCRIPTION

The 350Te reel drive system allows for transverse adjustments on each tower, moving them inward or outward to engage and disengage into the reel hub. The cylinders for hub lifting have position sensors for automatic positioning and for synchronised movement between the towers. The unit can be set to operate in manual speed mode, in automatic speed and torque mode.

PERFORMANCE

Reel Drive System (Electric Driven)

Max. Reel (+ Product) Weight	Te	350
Rotational Speed	rpm	1.0 max @ half torque 0.55 max @ full torque
Reel Dimensions	m	Diameter: 8.60 – 11.40 Width: 5.60 – 5.75



20TE HORIZONTAL TENSIONER (2-TRACK, ELECTRIC DRIVE)

EQUIPMENT DESCRIPTION

The 20Te horizontal tensioner is a caterpillar track system capable of handling umbilical, flexibles or steel pipe. The system is designed to prevent loss of product tension with fail safe brakes, nitrogen accumulators, fail safe clamping system, etc. The tracks can be driven in constant speed, constant torque, constant tension, and manual speed mode.

PERFORMANCE

Line Pull	Te	Up to 20
Pay-Out Speed	m / hr	0 – 1,200
Track Contact Length	m	2.38
Max. Track Opening	mm	860
Max. Track Squeeze	kN / m	460 @ 287 bar
Product Diameter	mm	50 – 620

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