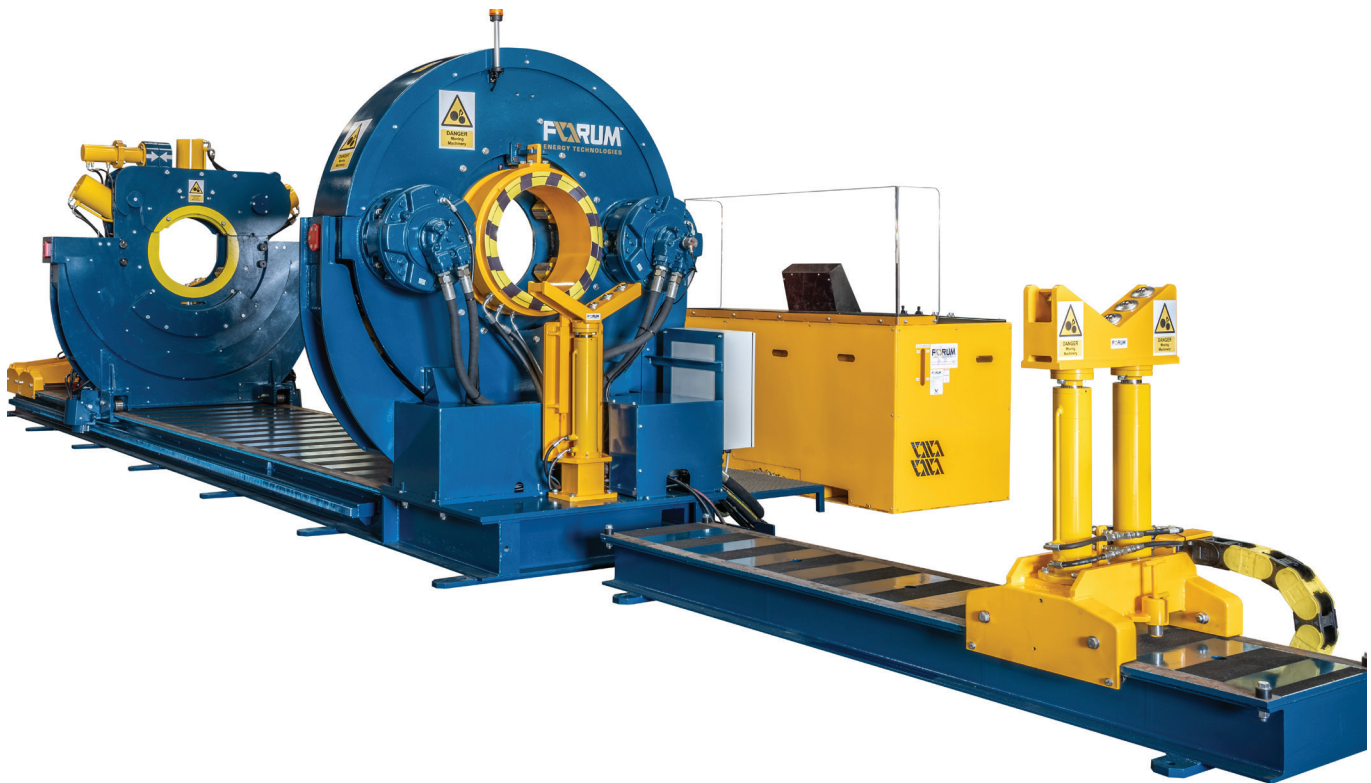


# RT+

## Fully Rotational Torque Machine



The RT+ has been designed to set the standard in the Fully Rotational Torque machine market and provide our customers with the safest, most efficient, operator friendly torque machine available. Designed with the customer in mind, the RT+ delivers efficiency and accuracy along with intuitive controls providing the operator precise operation across all functions.

### Safety

- 77% reduction in interconnection hose runs reducing trip hazards and ease of housekeeping
- 'Safe Zone' speed interlocks whilst operating the traverse, automatic speed reduction in the vicinity of potential crush points
- Reduced working centre height for improved operator ergonomics
- Offset height adjustment can be made from the main operating position precise within 1mm
- 15db noise reduction

### Efficiency

- 128% increase in Clamp/Unclamp Cycle time
- 181% increase in Rotational output speed
- 550% increase in Traverse Speed, proportionally controlled with speed control safety interlocks

### Accuracy

- Enhanced torque repeatability and accuracy of <200ftlbs. Providing precise data capture from 0ftlbs through the full torque range, delivering torque/turn accuracy that exceeds current requirements yet has the ability to adapt to future guidelines.
- Finite proportional control of multiple key functions that are intuitive for operators

# RT+

## Fully Rotational Torque Machine

### Design Flexibility

- Industry leading range configuration available in sizes ranging from 6" - 48" as standard with torque ranges from 5,000 up to 250,000ftlbs.
- Tailstock available in Closed, Open Top or Hinging Top Open design to suit customers operational needs.
- Fixed Centre Position or Hydraulically Floating Head design.
- Linear positioned floating Tailstock for the makeup of offset torque connections, the Tailstock offset position is displayed on the HMI providing the operator feedback while remaining in the safe zone at the control console.

<b>Min Torque (all ranges)</b>	≤ 200 ftlbs
<b>Min clamping diameter</b>	2 3/8"
<b>Available Max Torque Ranges</b>	5000
	10000
	30000
	60000
	100000
	150000
	200000
250000	
<b>Available Max Diameter Ranges (inches Nominal)</b>	6
	10
	14
	17
	22
	24
	30
	34
48	
<b>RPM Range</b>	0.1 - 10 RPM
<b>Headstock to Tailstock Center to Center Distance</b>	≤ 355mm
<b>Db rating (1m from Console)</b>	65
<b>Offset range</b>	100mm

### Connectivity

- In house designed Torque Control System exceeding current thread manufacturers guidelines. Software is designed to allow updates for future thread and performance upgrades to be completed onsite or remotely.
- Operating Consoles allow for remote access service support from assessment to repair.