



Core TRS Tools

Category	Main Tools	Function
Tubular Handling	Hydraulic/Power Casing Elevator	Lift and lower casing
	Tubing Elevator	Handle tubing
	Single Joint Elevator	Pick up individual joints
	Side Door Elevator	Handling casing/tubing
	Elevator Links / Bails	Connect elevator to lifting system
	Hydraulic Spider / Slip	Hold tubular string at rotary table
	Manual Spider / Slips	Backup holding system
Make-up / Break-out	Hydraulic Casing Tong	Make/break casing connections
	Hydraulic Tubing Tong	Make/break tubing
	Power Tong	Apply controlled torque
	Backup Tong	Prevent lower tubular rotation
	Computerized Torque Turn System	Monitor torque vs. turns
	JAM System	Joint analysis and monitoring
Casing Running	CRT – Casing Running Tool	Mechanized casing running
	Internal Grip CRT	Grip casing internally
	External Grip CRT	Grip casing externally



	Fill-up / Circulating Tool	Fill and circulate while running
	Cementing / Circulating Tool	Circulation and cementing operations
Tubing Running	Tubing Running Tool	Mechanized tubing handling/running
	Tubing Power Tong	Tubing connection make-up
	Tubing Spider	Suspend tubing
	Tubing Elevator	Lift tubing
Handling Accessories	Safety Clamp	Prevent tubular dropping
	Lift Plug	Lift casing/tubing
	Thread Protector	Protect premium/API threads
	Stabbing Guide	Protect connection during stabbing
	Casing/Tubing Drift	Verify internal diameter
Control & Monitoring	Hydraulic Power Unit (HPU)	Hydraulic power source
	Control Console	Operate TRS equipment
	Torque Sensor	Measure connection torque
	Turn/Rotation Sensor	Measure connection turns
	Load Cell	Monitor loads
	Data Acquisition System	Record connection data