RADIAL BOND
CEMENT IMAGING



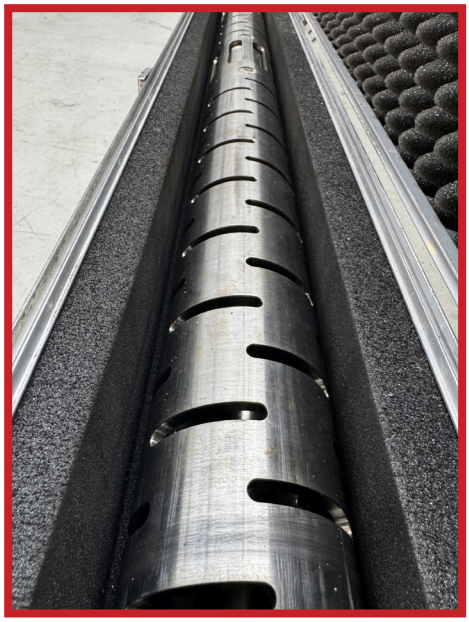
The High Speed Radial Bond Tool presents the next generation of cement bond tools. It evaluates the cement bond quality and integrity to both casing and formation by providing a 360° cement map with a dedicated 8-segment Radial receiver located (2-ft) from the transmitter.

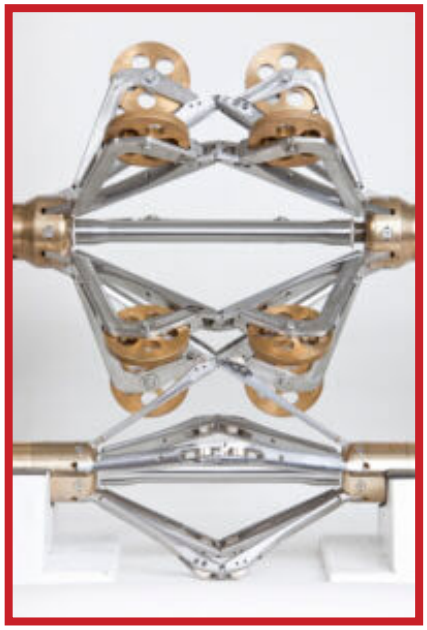
Data

The tool provides standard cement bond amplitude (CBL) through Near receiver (3-ft), and Variable Density Log (VDL) through Far receiver (5-ft).
All sonic data is captured and stored digitally prior to sending the data to surfface through a built-in advanced telemetry system ensuring high speed logging without compromise in Sonic quality.
A Gamma Ray, Casing Collar Locator and Temperature sensors are included in the tool.

The receivers are built in a slotted housing to provide rigidity, strength and noise isolation to the tool also making it suitable to log high deviation sections.

Compatibile with most wirelines including our eSlickline and with various logging interfaces including Warrior logging systems.





SPECIFICATIONS - RADIAL BOND TOOL			
	1-11/16”	**2-3/4”**	**3-1/2”**
MECHANICAL SPECIFICATIONS			
Outside diameter [in/mm]	1.69 / 43.0	2.75 / 69.9	3.75 / 95.3
Length [ft/m]	5.1 / 1.55	5.3 / 1.62	7.46 / 1.66
Weight [lbs/kg]	25 / 11.3	80 / 36.3	135 / 61.2
Temperature Rating [°F/ °C]	350 / 177	350 / 177	350 / 177
Pressure Rating [psi/bar]	15,000 / 1041	20,000 / 1338	20,000 / 1338
No. of arms	24	40	60
MEASUREMENT SPECIFICATIONS			
Diameter Range [in]	1.75 - 7.00	3.00 - 9.63	4.00 - 11.75
Output	Primary: 24, 40 or 60 Internal casing radii, inclination and rotation Secondary: Head voltage, internal temperature		
Logging Speed ft/min [m/min]	Recommended: 30 [9.14], Max. 60 [18.28]		
Vertical Resolution [in/mm]	0.12 / 3.0		
Radial Resolution [in/mm]	0.001 / 0.025		
Radial accuracy +/- [in/mm]	0.02 / 0.5		
Sampling rate [frames/sec.]	50		
Combinability	GR,CCL,PLT, RAS, RADii		
Sensor type	**Caliper:** DVRT	**Inclinometer:** 3-axis accelerometer	
ELECTRICAL SPECIFICATIONS			
Voltage, V DC	50V Surface Readout 19.2V Memory mode		