

CompactRotoSonic Tractor (CRS-T)

Ask for your
tailored
OPEX ROI
calculation !



CompactRotoSonic Drill head	Metric	Imperial
Max. frequency	0 - 150 Hz	0 - 150 Hz
Sonic vibration oscillator output force	100 kN	22,480 lbf
2 eccentrics, mechanically synchronized	Included	Included
Rotation torque: clockwise 0-120 rpm	1.700 Nm @ 150 bar	1,245 ft-lbf @ 2,175 psi
Rotation torque: counter clockwise	2.000 Nm @ 175 bar	1,475 ft-lbf @ 2,540 psi

Rig	Metric	Imperial
Designed for PTO drive from agricultural tractor lifted by 3 point linkage		
Dimensions folded (L x W x H) approx.	1.600 x 2.200 x 2.420 mm	5'3" x 7'3" x 7'11"
Height (when drilling) max.	4.865 mm	16'
Mass approx.	2.200 - 2.900 kg	4850 - 6400 lbs
Load sensing hydraulic system	Included	Included
High pressure water pump	19 l/min. @ 210 bar	5 gpm @ 3,045 psi
Large flow water pump	160 l/min. @ 42 bar	42 gpm @ 609 psi
Water tank	140 liter	37 gallon
Work lights	2	2

Mast	Metric	Imperial
Stroke	2,445 mm	8'
Mast dump	800 mm	2'7"
Pull up	55 kN	12,364 lbf
Pull down	55 kN	12,364 lbf
Pull up and down speed	30 m/min	100 ft/min
Double hydraulic break out clamp	50 - 200 mm	2" - 7.9"
Clamping force	94 kN	21,130 lbf
Break out torque	26.5 kNm	19,545 ft-lbf

Options	Metric	Imperial
Casing rack		
Additional single break out arm		
Jib with winch	2 kN	450 lbf
Swivel for water assisted drilling		

Tractor requirements

- Power: > 105 kW (> 140 hp)
- PTO: 1000 rpm
- 3-point linkage category 2 / 3

