

SmallRotoSonic Tractor Mast (SRST 110)



SmallRotoSonic Drill head	Metric	Imperial
Max. frequency	0 - 150 Hz	0 - 150 Hz
Sonic vibration oscillator output force	150 kN	33.8 k lbf
2 eccentrics, mechanically synchronized	Yes	Yes
Rotation torque: clockwise 0-120 rpm	1.200 Nm @ 150 bar	885 ft-lbf @ 2,175 psi
Rotation torque: counter clockwise	1.400 Nm @ 172 bar	1,030 ft-lbf @ 2,500 psi

Rig	Metric	Imperial
Dimensions folded (L x W x H) approx.	1.332 x 2.440 x 2.912 mm	4 x 8 x 9,2 ft
Operational height	1.332 x 2.440 x 4.554 mm	4 x 8 x 15 ft
Mass approx.	3.150 kg	6945 lbs
Load sensing hydraulic system	Yes	Yes
High pressure water pump	19 l/min @ 220 bar	5 GPM @ 3.045 PSI
Large flow water pump	160 l/min @ 40 bar	42 GPM @ 580 psi
Water tank	100 Liter	26 Gallon
Work lights	Yes	Yes

Mast	Metric	Imperial
Stroke	2.700 mm	9 ft
Mast dump	No	No
Pull up	4.900 daN	11,015 lbf
Pull down	4.350 daN	9,779 lbf

Options
Casing rack
ManipAll
Swivel for water assisted drilling
Triple hydraulic break out clamp

Tractor requirements

Power: >88 kW (> 120 hp)

PTO: 1000 rpm

3-point linkage category 2 / 3



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