



THE RAPTOR

- **Casing specific configured blades**
 - Prevent damage to outer casing
- **Designed for single string milling**
- **Dual-Piston allows for wide range of operational flow rates**
- **Equipped with proprietary Reaper tungsten carbide inserts**
- **Mud motor utilization optional**
- **Coiled tubing or pipe deployment**
- **Deployable on rigs and rig-less setups**
- **Section milled 10,000+ ft of casing**



Multiple patents issued and/or pending both foreign and domestic



TOOL ATTRIBUTES

	3.5 Raptor	4.125 Raptor	5.75 Raptor	7.875 Raptor	11.5 Raptor
Body OD (in)	3.5	4.125	5.75	7.875	11.5
Tool Length with Top Sub (ft)	8' 6"	8' 11"	10'	11' 1"	13' 4"
Approx. Tool Weight (lbs)	220	270	600	1000	3200
Milling Direction	Up/Down	Up/Down	Up/Down	Up/Down	Up/Down
Drift Casing (In)	4.5	5.5	7	9.625	13.375
Section Mill Casing (In)	4.5 - 5	5.5 - 6.625	7 - 7.625	9.625 - 10.75	13.375 - 16
Top Connection	2 3/8 PAC BOX	2 3/8 PAC BOX	3.5 IF BOX	4.5 IF BOX	6.625 REG BOX
Top Sub Jetting	1 Upward 1 Downward	1 Upward 1 Downward	3 Upward 1 Downward	3 Upward 1 Downward	3 Upward 1 Downward
Flow-Through Jetting	1 Downward	1 Downward	1 Downward	1 Downward	1 Downward