

Archer Section Mill

Efficient & Reliable Section Milling

The Archer Section Mill is a hydraulic activated tool for cutting and milling casing strings typically for sidetracking or casing removal, or in P&A operations requiring a rock-to-rock isolation.

Features & Benefits

- Rugged and simple piston actuated design for ease of operation and maintenance.
- Dual stage cutter knife actuation enable efficient cut-out and section milling in one run.
- The tungsten inserts offer an innovative face design to maximize penetration rates and provide knife longevity
- Equipped with a simple flow indication device to indicate a pressure loss at surface when the knives are fully open, and the cut-out is complete.
- Knives can be re-dressed on rig.
- Optimized jetting nozzles located in the Top Sub to assist the removal of mill cuttings.
- The tool may be recovered at any time by stopping rotation and shutting down the pump. The piston spring will lift the piston allowing the cutter knives to collapse back into the body.
- Optional items include stabilization for specific casing weights, a selection of chokes and diverters for hydraulics control, alternative knife dressing materials and custom connections as required.

Specifications

Casing Size	5 1/2"	6 5/8" & 7"	9 5/8"	13 3/8" & 16"
Series	O450	O550	O825	I150
Max Milling OD	6 3/4"	8 1/4"	12 3/4"	16 5/8"
Body OD	4 1/2"	5 1/2"	8 1/4"	11 1/4"
Fishing Neck Length	15"	17"	18"	23 1/2"
Fishing Neck OD	3 3/4"	4 1/4"	6"	9"
API Connector	2 7/8"	3 1/2"	4 1/2" IF	6 5/8" REG
Overall Length	65"	74"	87"	92"

Contact your Archer Representative for more technical information.

