Schlumberger

TT Hydraulic Pipe Cutter

One-trip pipe cutting for thru-tubing applications

APPLICATIONS
- Tubing recovery operations
- Severing tubing or drillpipe above stuck point
- Severing packer mandrels and tail pipes

ADVANTAGES
- Low-point loading across cutting surface enables one-trip pipe cutting
- Profiled cutters provide greater cutting efficiency
- Millmaster* carbide inserts increase knife cutting durability
- Rigsite blade changes accommodate cutting different diameter tubulars
- Field-changeable jet nozzles optimize performance
- Surface pressure indicator signals when cuts are complete

The TT hydraulic pipe cutter's knives produce lower point-loading across the cutting surface, which affords the durability to complete pipe cutting in one trip for thru-tubing applications. The pipe cutter can be run on coiled tubing (CT) or jointed pipe. When deployed on CT, an anchoring system, stabilizer, and positive displacement motor (PDM) can be incorporated to ensure the most efficient operation.

To engage and quickly sever tubing or drillpipe, the TT hydraulic pipe cutter features three knives dressed with specially designed Millmaster carbide inserts. The pipe cutter's extremely durable cutting knives can be dressed with a variety of cutting structures, and the knives' hydraulic-opening pressure can be reset at the rigsite in minutes. And, TT hydraulic pipe cutter's knife blades can be changed at the rig to enable multiple cuts and accommodate the cutting of tubulars with different diameter.

The TT hydraulic pipe cutter's three knives are dressed with Millmaster carbide inserts to provide one-trip durability for thru-tubing applications.

TT Hydraulic Pipe Cutter Specifications

Tool Size, in	Tubing OD, in									
	2⅜	2⅞	3½	4	4½	5	5½	6	6⅝	7
1¹¹⁄₁₆	■	■	■							
2¼		■	■	■						
2½			■	■	■	■	■			
2⅞					■	■	■			
3⅜						■	■	■	■	■

■ Recommended pipe cutter range for maximum performance

■ Extended pipe cutter range for special cases

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