

ProMAXX- Hydraulic Spear*

Hydraulically Activated Extended Reach Spear

APPLICATIONS

- Conventional well abandonment operations
- Slot recovery operations
- Deepwater plug and abandonment (P&A) operations
- Carbon Capture Utilization and Storage (CCUS) operations

BENEFITS

- Allows placement directly behind the pipe cutter
- Holds casing in tension while cutting
- Eliminates requirement for a Positive Displacement Motor (PDM)
- Enhanced safety for on-site personnel by minimizing interventions
- Significant reduction in non-productive time associated with tool changes

FEATURES

- On-demand hydraulic activation with unlimited activation and deactivation cycles
- Ball-drop activation mechanism
- Easy release mechanism—stop pumps and slack off
- Thru-rotation capability
- Wide catch range: 9⁵/₈ in. x 53.5# to 10³/₄ in. x 32.75#
- Six slips provides a large contact surface area on engagement

COMPATIBILITY

- ProMAXX-Pipe cutter
- Standard pipe cutter
- Multi-cycle pipe cutter
- Bridge Plug and Packer
- Circulating subs (large ID for drop ball or dart pass through)

Save rig time by reducing trips

The ProMAXX-Hydraulic Spear is designed to maximize efficiency and reduce trips in cut and pull operations. The spear is activated hydraulically and can be set within various casings sizes in a single trip. It engages the casing while allowing through rotation to enable cutting in tension. No mud motor is required below the spear. If the casing is not free the ERS can be easily disengaged and re-engaged numerous times as needed.

When combined with the ProMAXX-Pipe Cutter, the system provides a one-trip solution for cutting, anchoring, and retrieving the casing without pulling to the surface to change tools. Further trips can also be avoided by utilizing the multi-cycle pipe cutter which has the capacity to perform twelve individual cuts without tripping out of the hole.

Through-bore access for multiple operations

With flow-through bore access and a ball-drop activation mechanism, other operations, such as cementing, cement plug dressing, or bridge plug setting of a plug, can all be carried out before activating the ProMAXX-Hydraulic Spear.

PROMAXX-HYDRAULIC SPEAR SPECIFICATIONS

	9 ⁵ / ₈	13 ³ / ₈
Tensile Yield, lbf	1,200,000	1,700,000
Torsional Yield, ft.lbf	60,000	60,000
Working Overpull, lbf	150,000	250,000
Static Overpull, lbf	750,000	1,000,000
Max. DLS	3 deg/100ft	3 deg/100ft
Max. Flow Rate, gpm	400	400
Max. Operating Temperature	400°F [205°C]	400°F [205°C]
Max. Pressure, psi	4,000	4,000
Tool OD (Collapsed), in.	8.375	11.75
Inner Diameter, in.	1.50	2.50
Catch Range, in.	8.535 - 10.192	11.906 - 13.50
Casing Range	9 ⁵ / ₈ in. x 53.5# - 10 ³ / ₄ in. x 32.75#	13.375 - 14.00
Connections	6 ⁵ / ₈ Reg Box (up) x 6 ⁵ / ₈ Reg Pin (down)	6 ⁵ / ₈ Reg Box (up) x 6 ⁵ / ₈ Reg Pin (down)
Weight, lbs	1,345	2,700
Overall Length, in.	105.5	164
Fish Neck, in.	23.44	27
Fish Neck OD, in.	7.50	10.50



ProMAXX-Hydraulic Spear

ProMAXX-Pipe Cutter

Taper Mill

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