

# ROOK

PERFORATOR

DESCRIPTION

The ROOK Hydraulic Punch Perforator is a tool designed to create perforation holes in casing with penetration through the cement and extension of the cutting elements into the formation.

Since the perforator contains no explosives, the punching process is carried out in a gentle manner, preventing cracks in the cement sheath.

The hydraulic punch perforator can be applied for:

- Secondary formation entry;
- Perforation in acidic environments across all reservoir types;
- Creating special holes for water shut-off operations;
- Conducting multistage GPP + hydraulic fracturing in a single run;
- The perforator is a reusable tool and can be run on tubing, including as part of a selective packer assembly.

FEATURERS

- Prevents cracks of the cement due to the absence of explosives
- Can be run on coiled tubing (CT) or conventional tubing
- Adjustable number of hydraulic cylinders and cutters according to customer requirements

Casing size in – [mm]	Casing Weight Min-Max [lbs/ft]	Wall thickness Min-Max [mm]	OD in – [mm]	Maximum diameter of cutter extension in – [mm]	Pressure Rating Psi - [Bar]
4,5 - [114,3]	10,5 - 17	5,72 - 9,65	3,66 - [92,96]	5,35 - [135,89]	10000 - [689]
6,625 - [168,27]	12 -32	4,29 - 12,07	5,50 - [139,70]	7,72 - [196,09]	10000 - [689]

