



Activated Drilling Scraper



The Activated Drilling Scraper remains dormant in the string until activated, allowing drilling operations and casing scraping to be completed in a single trip. The robust design features high torque premium connections making it suitable to be in heavy duty drilling BHAs even when drilling horizontal sections.

Once hydraulically activated, by dropping a ball from surface, the Activated Drilling Scraper's blades provide 360° coverage for effective removal of debris. Multiple activated drilling scrapers can be run in tandem to scrape multiple casing strings in a single trip, further optimizing drilling operations.

BENEFITS

- Can remove the need for a dedicated scraper trip to prepare casings ID prior to further operations
- Multiple drilling scrapers can be run in tandem to scrape multiple Casings IDs simultaneously
- High torque connections
- Hydraulically activated
- Covers a wide casing weight range
- Proven to be casing friendly and to have non-damaging effect for casing
- Available for HPHT applications
- 360° casing coverage



SPECIFICATIONS

	13 3/8 in Activated Drilling Scraper	9 5/8 in Activated Drilling Scraper		7 in Activated Drilling Scraper
Min - Max suitable casing weight	61-86#	40-43.5#	47-53.5#	26-35#
Min - Max suitable casing ID	12.515 – 12.125	8.50 "- 8.835"	8.270 "- 8.681"	5.830" - 6.276"
Yield Strength (min)	120 ksi			
Connection	XT57 Box			XT39 Box
Lower Connection	XT57 Pin			XT39 Pin
Make-Up Torque	56,500 ft/lbs			21,200 ft/lbs
Differential Pressure (inside - out & outside - in)	5,000 psi			
Temperature Ratings - Standard	320°F			
Temperature Rating HPHT	482°F			
Overall Length (1)	16.4 ft	8 ft		7 ft 3"
Fishing Neck & Tong Neck OD (1)	7.5"	7"		4.88"
Fishing Neck Length (1)	24"	20"		20"
Box ID	4"			2.687"
Pin ID	4"			2.687"
Drift Diameter(s) (3)	2.30" Ball = 2.10" 2.75" Ball = 2.55"			1.5"
Stabiliser OD	11.88"	8.50"	8.27"	5.83"
Maximum Extended Blade OD (2)	13.11"	9.2"		6.76"
Internal TFA(s)	2.30" Ball = 3.63 in ² 2.75" Ball = 5.31 in ²			1.89 in ²
Activation Ball size(s)	2.30" 2.75"			1.688"
Activation Pressure	1200 – 1800 psi	900 - 1,500 psi		1,200 - 1,800 psi
External Bypass Area while dormant in specified casing	13 3/8" – 86# = 17.02 in ²	9-5/8" 43.5# = 15 in ²	9-5/8" 53.5# = 12 in ²	7" 35# = 5.9 in ²
External Bypass Area while dormant in specified casing	13 3/8" – 61# = 24.47 in ²	9-5/8" 40# = 16 in ²	9-5/8" 47# = 14 in ²	7" 26# = 8.2 in ²
External Bypass Area while Scraping in specified casing	13 3/8" – 86# = 16.78 in ²	9-5/8" 43.5# = 14 in ²	9-5/8" 53.5# = 11.5 in ²	7" 35# = 5.6 in ²
External Bypass Area while Scraping in specified casing	13 3/8" – 61# = 23.24 in ²	9-5/8" 40# = 15 in ²	9-5/8" 47# = 13.2 in ²	7" 26# = 7.8 in

1. When new
2. Max OD of scraper blades is larger than max casing ID to allow for effective scraping in horizontal sections.
3. Drift Diameter – Largest diameter that will pass through the smallest bore of the tool before activation.