

SWING—360 degree with hydraulic swivel.

HYDRAULIC SLIDE—40 inches [101.6 cm].

KELLY CROWD—24,000 lbs. [10,886.4 kg]
standard (30,000 lbs. [13,608 kg] optional).

AUXILIARY WINCH—11,000 lbs. [4,989.6 kg] capacity.

ROTARY TORQUE—Up to 82,000 ft. lbs. [111,192 Nm] (theo.) at stall.

ROTARY SPEED—Maximum (no load) 200 + rpm (theo.).

ROTARY DRIVE—Watson Roller Clutch type, providing free kelly feed with torque applied.

DRILL DEPTH—60 ft. [18.288 m] standard with 2 element kelly. 30 ft. [9.144 m] single and 90 ft. [27.432 m] triple kellys optional.

APPROXIMATE DRILL UNIT WEIGHT—57,000 lbs.
[25,855.2 kg].

LINE PULL (Kelly)—20,000 lbs. [9,072 kg] with lagging (24,000 lbs. [10,886.4 kg] without lagging).

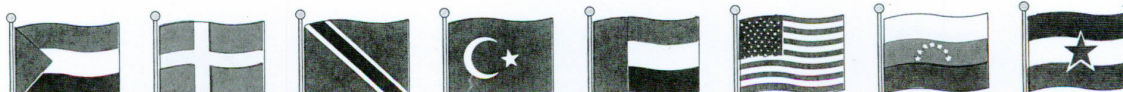
CRAWLERS—Hydraulic driven, two-speed with independently controlled tracks.

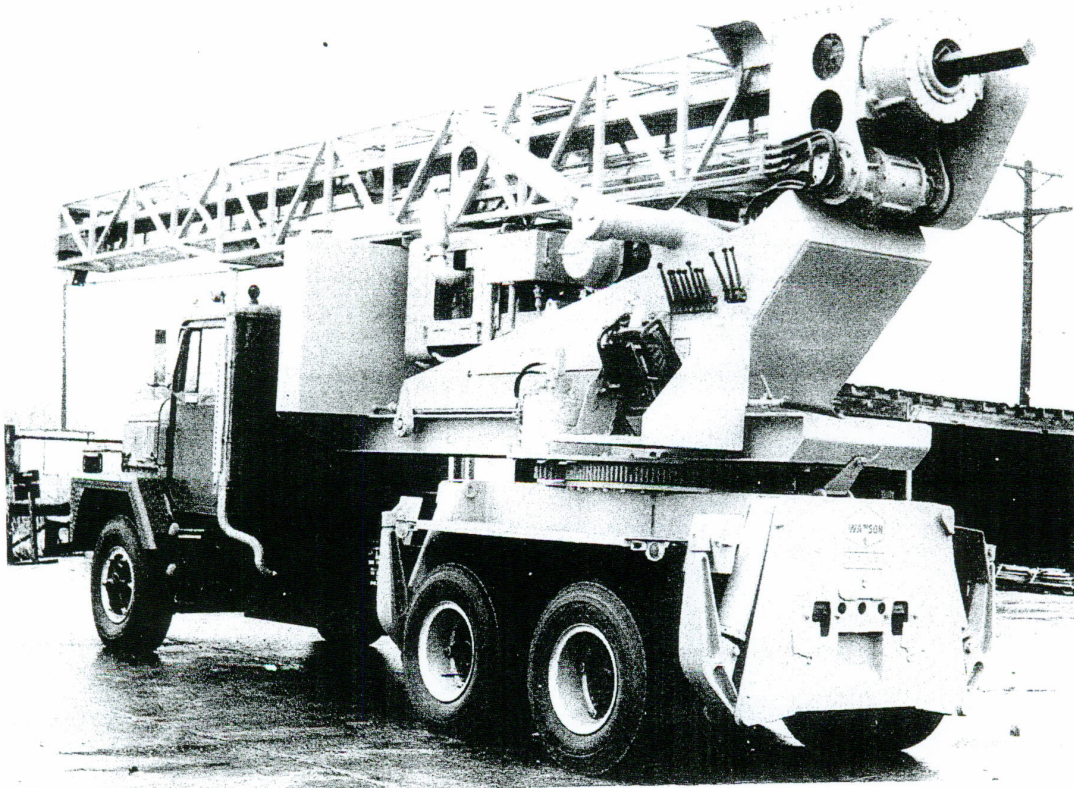
WATSON, INC.

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INDUSTRY'S INTERNATIONAL STANDARD OF EXCELLENCE





MODEL 2000 SPECIFICATIONS

WEIGHT (DRILL UNIT ONLY) — 33,000 lbs. (approx.)

ENGINE — Diesel:	130 bhp @ 2800 rpm rated 87 bhp @ 2200 rpm continuous 271 ft-lbs torque @ 1500 rpm
Gasoline:	135 bhp @ 2800 rpm intermittent 114 bhp @ 2800 rpm continuous

TRANSMISSION — Constant mesh planetary gearing
Torque converter driven
3 speeds forward
3 speeds reverse

KELLY WINCH — 14,600 (18,200 @ 2500 psi)
Raise: 121 fpm
Lower: 0 to free fall
NOTE: Line pull and line speed can be varied with lagging

KELLY CYLINDER — Raise — 13,250 lbs at 70 fpm
Lower — 17,600 lbs at 0 to free fall

AUXILIARY WINCH — 11,000 pounds capacity

PERFORMANCE AT KELLY — (Based on gasoline engine, gross torque)

MAX TORQUE — 78,030 ft-lbs

MAX SPEED — 170 rpm

DRILL DEPTH — 55' STD
60' OPTIONAL