RAM

Extendable Boom Mediumweight Track Drill

Sullivan
INDUSTRIES, INC.

The RAM EXTENDABLE track drill is an outstanding mediumweight drill designed and built to provide superior performance in line drilling, production work and development drilling in mining quarrying, or on heavy construction projects. No other track drill in its class is bigger or heavier, more rugged, more reliable, better performing, more productive, or more versatile than the SULLIVAN RAM EXTENDABLE TRACK DRILL. The high performance, low maintenance RAM is engineered and manufactured to be the best track drill on the market today. AND with its 5 FOOT hydraulic boom extension it operates with optimum economy and dependability. All this because its had 20 YEARS of refinement in tough field service, under the best - and the worst - conditions.

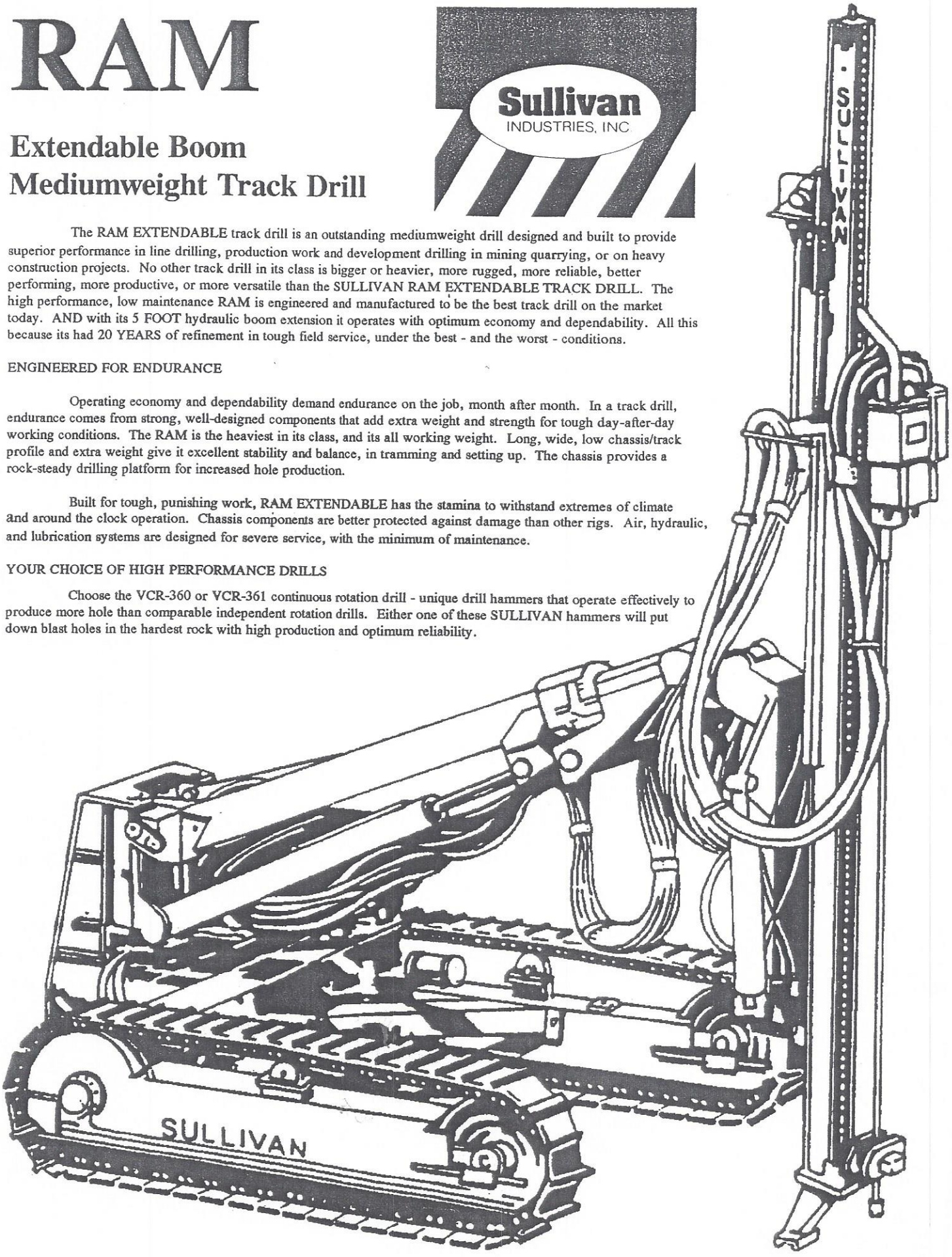
ENGINEERED FOR ENDURANCE

Operating economy and dependability demand endurance on the job, month after month. In a track drill, endurance comes from strong, well-designed components that add extra weight and strength for tough day-after-day working conditions. The RAM is the heaviest in its class, and its all working weight. Long, wide, low chassis/track profile and extra weight give it excellent stability and balance, in tramming and setting up. The chassis provides a rock-steady drilling platform for increased hole production.

Built for tough, punishing work, RAM EXTENDABLE has the stamina to withstand extremes of climate and around the clock operation. Chassis components are better protected against damage than other rigs. Air, hydraulic, and lubrication systems are designed for severe service, with the minimum of maintenance.

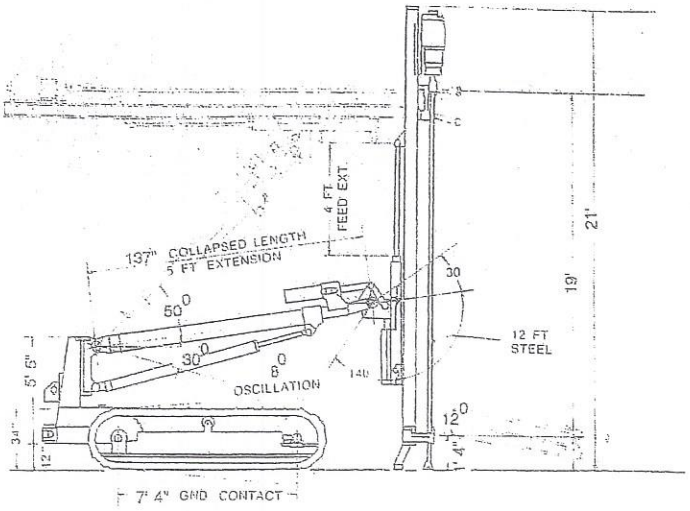
YOUR CHOICE OF HIGH PERFORMANCE DRILLS

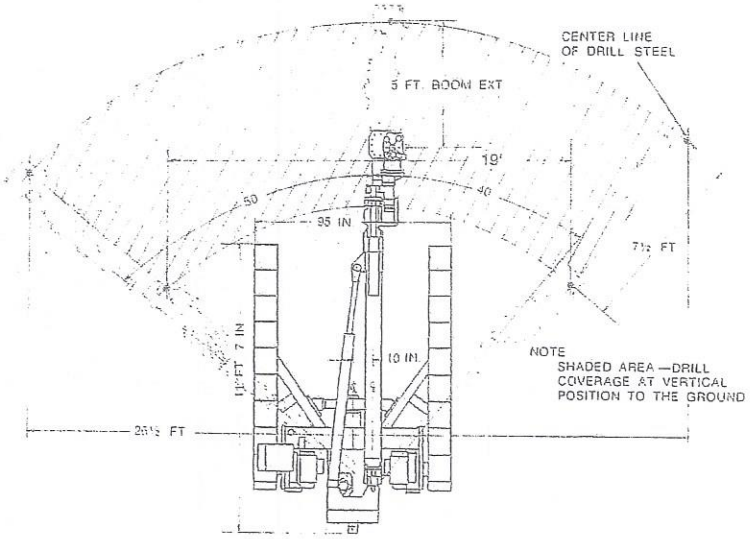
Choose the VCR-360 or VCR-361 continuous rotation drill - unique drill hammers that operate effectively to produce more hole than comparable independent rotation drills. Either one of these SULLIVAN hammers will put down blast holes in the hardest rock with high production and optimum reliability.



Specifications

GENERAL SPECIFICATIONS



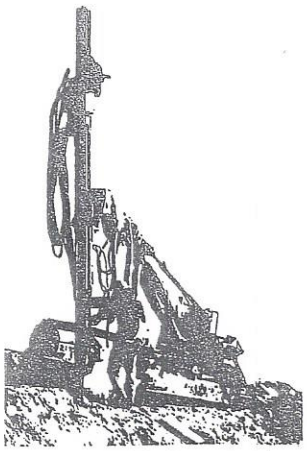


CHASSIS
(Metric units in parenthesis)

	EXTENDABLE BOOM RAM DR
Net weight, w/VCR-360 drill	14,700 lbs.(6667 kg)
w/VCR-361 drill	14,725 lbs. (6679 kg)
Overall width	7 ft. 11 in. (241 cm)
Length, tower raised	16 ft. 2 in. (492 cm)
tower down	22 ft. 1 in. (673 cm)
Height, max, for horizontal hole	21 ft. 0 in. (640 cm)
tower down	5 ft. 5 in. (165 cm)
Track length, ground contact	7 ft. 4 in. (223 cm)
Track center-to-center	7 ft. 2 in. (218 cm)
Track tread width	10 in. (25 cm)
Ground clearance	12 in (30 cm)
Hydraulic Oscillation	8°
Tramming motor HP (total)	28 HP (21 kW)
Tramming speed	150 ft./min. (45.7 m/min.)
Feed extension	4 ft. (122 cm)
Boom extension	5 ft. (152 cm)
Minimum toe hole angle	12°
Air requirements, w/VCR-360 drill	600 cfm @ 100 psi (17 m^3/min @ 7 kg/cm^2)
w/VCR-361 drill	850 cfm @ 100 psi (24 m^3/min @ 7 kg/cm^2)

DRILL ENGINES
(Metric units in parenthesis)

	VCR-360	VCR-361
Bore diameter	5 1/4 in. (134 mm)	6 1/2 in. (165 mm)
Stroke	3 5/8 in. (92 mm)	3 3/4 in. (95 mm)
Drill steel	1 3/4 in. (45 mm)	1 3/4 in. (45 mm)
Striking Bar	-Threaded for optional steel systems-	
Rotation Type	-Independent-	
Air tube OD/ID	5/8 in./1/2 in.	3/4 in./5/8 in.
Air hose (ID), drill	2 in. (51 mm)	2 in. (51 mm)
blow	1 in. (25 mm)	1 in. (25 mm)
rotation	3/4 in. (19 mm)	3/4 in. (19 mm)
Hole size range	2 1/2 to 4 in. (64-102 mm)	3 to 4 in. (76-102 mm)
Air Volume, drill & blow	600 cfm (16.8 m^3/min.)	850 cfm (24 1 m^3/min.)
drill only	325 cfm (9.1 m^3/min.)	485 cfm (13.7 m^3/min.)
Air Pressure	100 psi (7 kg/cm^2)	100 psi (7 kg/cm^2)
Blows/min.	2250 bpm	2050 bpm
Net weight	483 lbs. (219 kg)	510 lbs. (231 kg)



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