MAVERICK™
TRACK DRILL

Features and specifications

Simple Design for Economy

The MAVERICK track drill employs all those features and advantages that time and experience have shown to be of value in a track mounted rock drill. Simplicity and economy in the design of these functions have resulted in a drill that delivers not only big drill performance and reliability, but a package cost that makes this type of equipment an affordable alternative to obsolete labor-intensive methods of rock drilling.

All Terrain Agility

Lightweight, wide stance and low profile design allow the MAVERICK track drill to operate in virtually every type of terrain. Stability and balance make drilling under the most rugged conditions a safe and reliable operation.

Full Swing and Tilt Capability

Affords maximum ground coverage from a single set up. Full flexibility, within its size class, that makes it easy to accomplish all the same drilling operations of larger machines.

Economical Air Requirements

Highly efficient operation of the VCR-350 valveless cycle requires only 450 cfm of compressor capacity for effective drilling and hole cleaning, making the MAVERICK Drill/450 cfm Compressor combination a very affordable and cost efficient drill package . . . especially suitable for use in developing countries.

	VCR-150
Chassis Data	
Overall Length	15'1" (460 cm)
Height (with tower down)	3'9" (115 cm)
Width	5'8" (173 cm)
Boom Lift (from pivot)	62° up 45° down
Boom Swing (from center)	30° left 45° right
Feed Tilt (3 position)	110° each position
Feed Swing (total)	90°
Total Weight	5800 lbs. (2630 kg)
Tram Horsepower (total)	16 hp
Tram Speed	150 fpm (46 mpm)
Draw Bar Pull	3500 lbs (1590 kg)
Vertical Drill Coverage	8 feet (2.44 meters)
Maximum Horizontal Hole	8'7" (262 cm)
Hydraulic Pump	5 hp @ 70 psi
Drill Rod Length (single steel)	12' (366 cm)
Drill Rod Length (steel change)	10' (305 cm)
Drill Rod Diameter	1½" (3.8 cm)
Bit Size	3" (7.6 cm)
Recommended Air Requirement	450 cfm (12.8 cmm)
	5" (127 mm)
	400 cfm @ 90 psi (11.2 M^3/min @ 6.3 kg/cm^2)
	250# (113.5 kg)
	24 3/16" (614 mm)
	7/16" (11 mm)
	1½" to 2¼"
General Data	
Hydraulic Control and Tram Valves	Side of Machine
Hydraulic Cylinder Check Valves	Incorporated in Cylinder
Guide Dump: Three Position Adjustment	Locking Pin Prevents Any Tilting
Tram Drive:	Completely Enclosed Gear Drive
Parking Brake	Automatic—Friction Brake Enclosed in Gear Drive
Track Oscillation	20°
Gradeability:	20% on cobbles w/compressor
Ground Clearance	9"
Hole Diameter	1-¾"-3"
Controls	In-line valves, full gauging

The company reserves the right to alter or improve the design or construction of its machinery as described herein and to furnish it, when so altered, without reference to the illustrations or descriptions in this bulletin.

JOY®
Joy Manufacturing Company, Mining & Construction Group,
Montgomeryville Industrial Center, Montgomeryville, PA 18936

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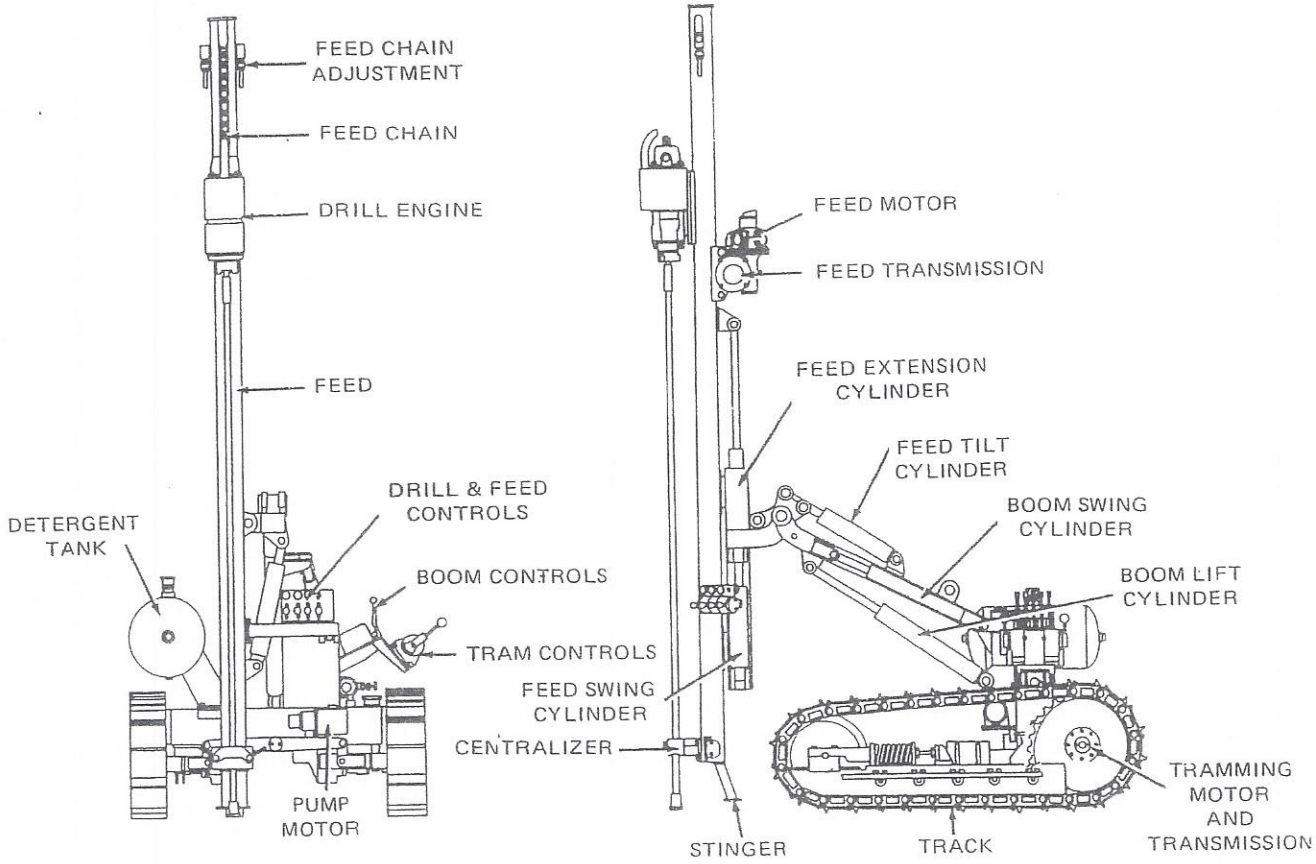
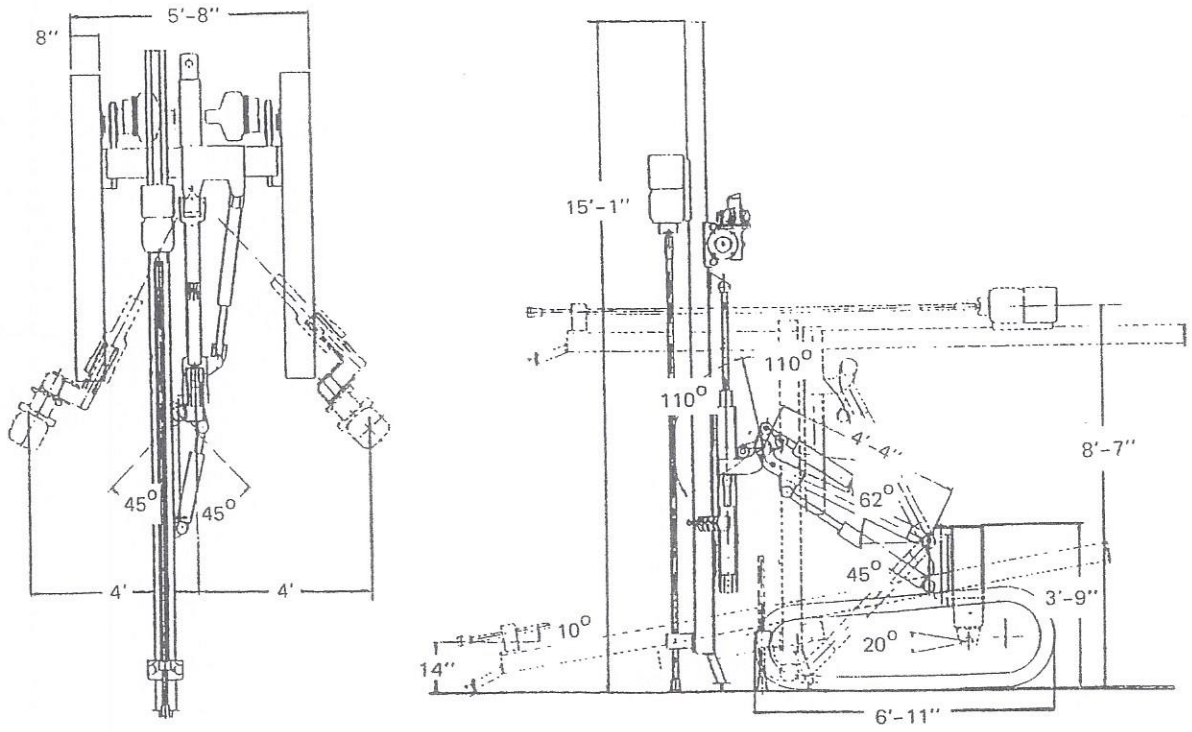
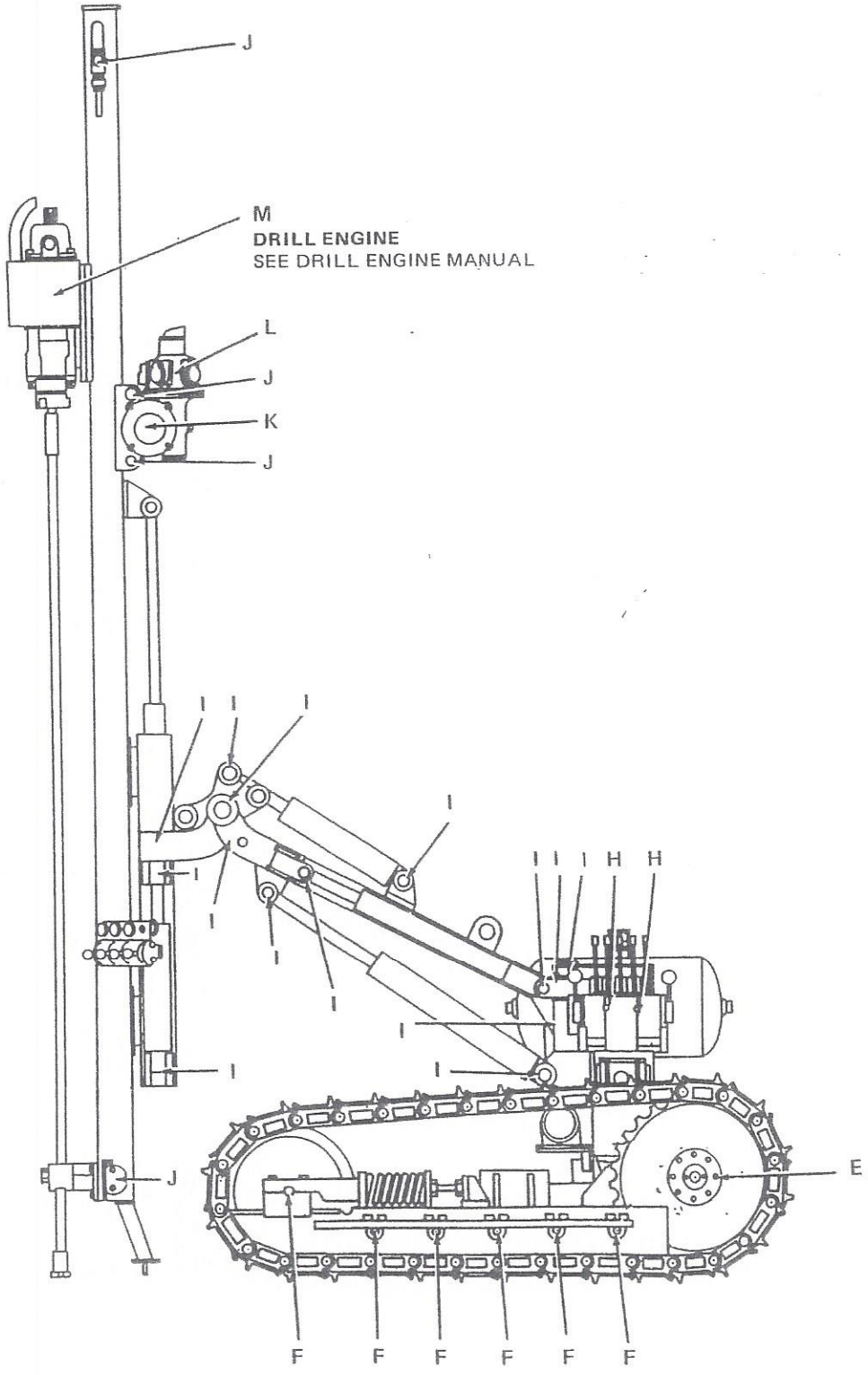


MAVERICK – GENERAL ARRANGEMENT



MAVERICK – RANGE DIAGRAM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