



Z DRILL

OVERVIEW

A well-balanced, portable, hydraulic roofbolter perfect for underground drilling and bolting operations. Made in USA by MPI.

FEATURES

WELL BALANCED: Designed for ease of operation

SIMPLE CONTROLS: Trigger and motorcycle-like handle. Reverse rotation roofbolters have double handles.

ADAPTS TO TASK: Variable rotation speed

STEEL TELESCOPING CYLINDER LEG: Leg is equipped with anchoring foot and tilt carry handle

EQUIPPED WITH FILTERED FLOW VALVE: Ensures operator protection by limiting the pressure and torque control

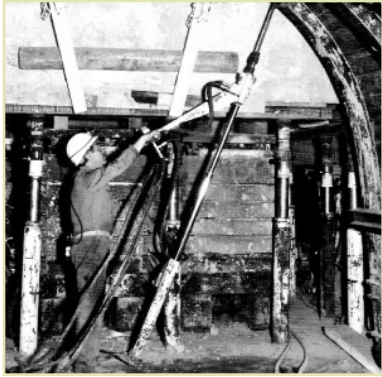
SAFETY CONTROL: Safety interlock on rotation lever

LOW NOISE: 68 dBA

OPTIONAL POWER SOURCES: The Z Drill may be operated directly off of the longwall hydraulics or the PTOs of your scoops, loaders, etc.



Z DRILL



DIMENSIONS	SHORT Z DRILL	LONG Z DRILL
Closed Height (inches)	39	51
Stroke (inches)	30	54
Extended Height (inches)	69	105
Weight (lb)	110	121

The above referenced weight does not include the hoses, chuck or the test fluid. The complete weight with all peripherals factored in are 189 lbs for the Short Z Drill and 200 lbs for the Long Z Drill.

TECHNICAL SPECIFICATIONS

	Model HA 16/500 - Oil*	Model HA 16/500 - HFA**
Operating pressure - Maximum (psi):	2,900	5,000
Operating pressure - Minimum (psi):	2,175	2,465
Temporary peak pressure (psi):	--	4,350
Maximum backflow pressure (psi):	145	870
Performance (bHP):	21.5	21.5
Drill torque (ft-lb):	148 (2,900 psi)	148 (4,350 psi)
Rotational speed - variable (rpm):	100 - 600	100 - 600
Fluid media:	Hydraulic Oil	95/5 Emulsion
Fluid consumption (gpm):	13	13
Cylinder thrust (ft-lb):	1,125	1,125
Noise level (dBA):	68	68

* Model HA 16/500 - Oil is designed to operate off the PTO's of scoops, loaders, etc., as well as power packs.

** Model HA 16/500 - HFA can be directly connected to longwall hydraulics without reducing valves.

* & ** Z Drill models are available with either the short or long cylinders.

OPTIONS

BI-DIRECTIONAL: Reverse Rotation. Operator controls the ability to reverse the direction of the chuck.

DUST COLLECTION HEADS: Used with MPI Dust Collection Systems

WATER GUARD: Designed for wet drilling. MPI water guards are designed to keep the operator as dry as possible without compromising their ability to safely operate the Z Drill.



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