



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

## **FEATURES**

**WELL BALANCED:** Designed for ease of operation

**SIMPLE CONTROLS:** Trigger and motor-cycle-like handle

**ADAPTS TO TASK:** Variable rotation speed

**TELESCOPING CYLINDER:** Steel 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 longwall hydraulics or any lower pressure power take offs of your scoops, loaders or belt drives



# Z Drill Technical Specs



DIMENSIONS	SHORT Z DRILL	LONG Z DRILL
Closed Height (inches)	39	51
Stroke (inches)	30	54
Extended Height (inches)	69	105
Weight (lbs), drill only	110	121
Weight (lbs), Ready-To-Use drill, hoses, chuck and oil	189	200

	MODEL HA 16/500 Oil	MODEL HA 16/500 - HFA
Operating system	Low pressure hydraulic systems	High pressure emulsion, longwall hydraulics
Fluid media	Hydraulic oil	95/5 or 98/2 emulsion
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-lbf)	148 @ 2,900 psi	148 @ 4,350 psi
Rotational Speed, variable (rpm)	100-600	100-600
Fluid consumption (gpm)	13	13
Cylinder thrust (lbf)	1,125 @ 2,900 psi	3,000-5,000 @ 4,350 psi
Noise level (dBA)	68	68

## OPTIONS

**BI-DIRECTIONAL:** Reverse Rotation available on low pressure Z Drills. Operator controls rotation direction

**DUST COLLECTION HEADS:** Used in tandem with MPI Dust Collection Systems. *Note, compressed air required for Dust Collection Systems*

**WATER GUARD:** Designed for wet drilling applications to keep the operator as dry as possible without compromising their ability to safely operate the Z Drill

