

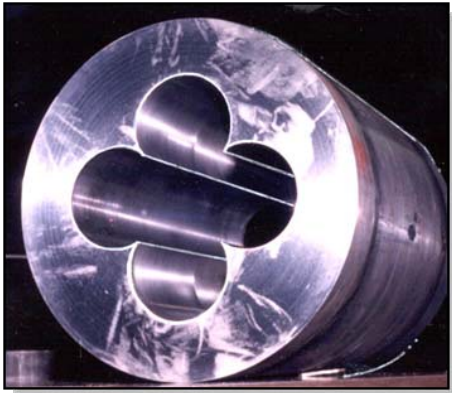
YOUR ONE STOP



DRILLING SOURCE

DEEP HOLE SPECIALISTS

COMPANY PROFILE



Experts in Deep Hole Drilling since 1954.

We do jobs from one piece to full production runs.

We specialize in drilling deep holes in a variety of parts made from a variety of materials.

Our exceptional reputation is based on our ability to consistently provide superior quality workmanship, within quoted lead-times at very competitive prices.

All work is done in our modern 32,000 sq. ft. facility using state of the art equipment and technology.



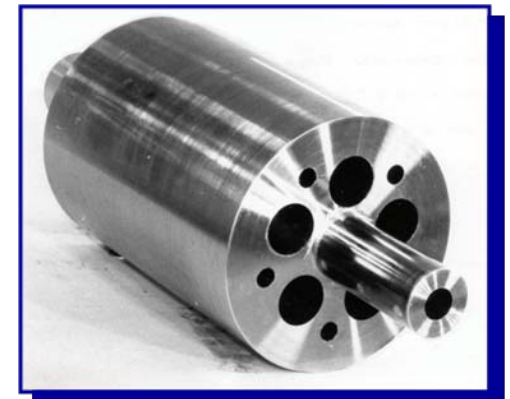
WE ARE THE ORIGINAL DEEP HOLE SPECIALIST COMPANY.

CAPABILITIES



	Diameter	Depth
Gun Drilling Min.	0.055 inches	2.50 inches
Gun Drilling Max.	2.50 inches	through 60 feet
Reaming Min.	2.375 inches	
Reaming Max.	3.950 inches	through 60 feet
Trepanning Min.	1.875 inches	
Trepanning Max.	16 inches	60 feet
Spade Drilling Min.	1.312 inches	
Spade Drilling Max.	9.125 inches	19 feet

Additional services include: Line Boring, Lathe Turning, Honing, Straightening, Tapping, Grinding, Counterboring, and Sawing.



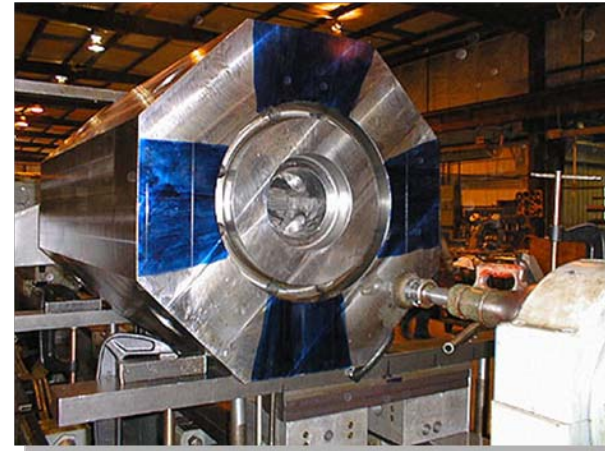
DEEP HOLE SPECIALISTS



SPECIAL EXPERTISE

WHAT SEPARATES US FROM THE REST?

- ⊕ Close tolerance holes held to 0.0005 and 8 rms
- ⊕ Angled holes
- ⊕ Off-center holes
- ⊕ Connecting holes
- ⊕ Long length holes
- ⊕ Work pieces up to 60,000 lbs.
- ⊕ Blind holes with special bottom configurations
- ⊕ Proven experience drilling steel, plastics, aluminum, glass, wood and exotic materials including: Titanium, Monel, Inconel, Tungsten, Haynes, Hastalloy, Rene, and many others.
- ⊕ **WE ARE FLEXIBLE TO HANDLE YOUR EMERGENCY JOBS!**



WE DO THE DIFFICULT JOBS!

MARKETS SERVED



Automotive • Aerospace • Agricultural • Chemical • Communications
Construction • Electronics • Fabricated Metal Products • Food Processing
Lawn & Garden • Medical • Marine • Military • Mining • Nuclear
Oil Exploration • Power Generation • Primary Metal Processing • Public Utilities
Pulp & Paper • Railroad • Rubber & Plastic • Textiles • Trucking



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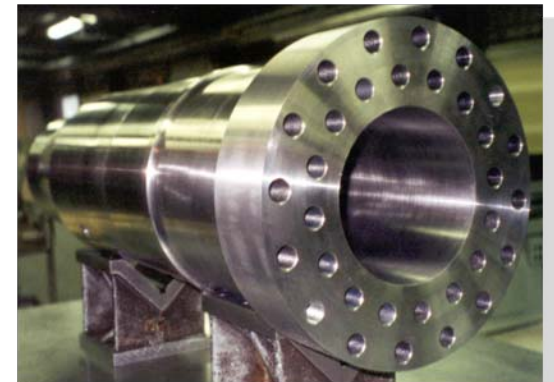
Practically any item, of any material, in any shape that requires a hole.

APPLICATIONS

WE HAVE THE CAPABILITY TO HANDLE A WIDE RANGE OF WORK PIECES.

Typical applications include:

- ⊕ Heavy wall or non-standard tubing made from bar stock or reamed from standard tubing.
- ⊕ Heating and injection cylinders for plastic or die casting machinery.
- ⊕ Extruder screws requiring water cooling holes.
- ⊕ Molds or dies requiring water or steam lines or cartridge heater holes.
- ⊕ Copper electrodes or bus bars requiring water cooling.
- ⊕ Press Platens.
- ⊕ Hydraulic manifolds and air or oil passages in cylinder walls.



DEEP HOLE SPECIALISTS

TECHNICAL/CUSTOMER SERVICE

We strive to be easy to do business with!

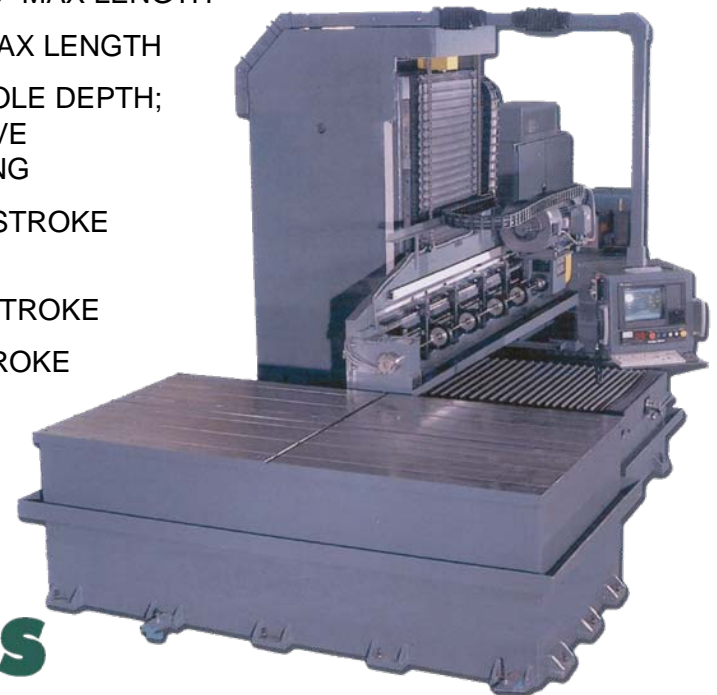
- Deep Hole's experienced technical staff works with you to solve your toughest drilling problem.
- Our knowledgeable customer service staff focuses on customer satisfaction and provides timely updates on your order status.
- Our professional inside sales staff provides timely and accurate quotes for your drilling needs.
- Our toll free line provides direct access to key personnel.
- Drawings and specifications can be faxed or e-mailed making communication fast and accurate.

DEEP HOLE SPECIALISTS

EQUIPMENT

GUNDRILLING, GUN REAMING, TREPANNING

- | | | |
|-----|---|--|
| (1) | TECHNIDRILL CNC COLUMN TYPE GUNDRILL | 84" STROKE 2" DIA. CAPACITY |
| (1) | ELDORADO MEGA 75 | .078" TO 1" DIA. x 30" STROKE |
| (3) | STARBORE UKM KNEE TYPE W/DRO'S | 2- ½" DIA. x 48" x 54" STROKE |
| (1) | STARBORE HDR RAM TYPE | 2-½" DIA. x 36" STROKE |
| (1) | DRILLMATION 3 SPINDLE RAM TYPE | ¾" DIA. x 12" STROKE |
| (1) | STARBORE KNEE TYPE | ¾" DIA. x 36" STROKE |
| (2) | ½ B 50 PRATT & WHITNEY, 2 SPINDLES | ¾" DIA. x 50" STROKE |
| (3) | 1-½ B PRATT & WHITNEY, 2 SPINDLES | 3" DIA. x 140" MAX LENGTH |
| (2) | SPECIAL PLATEN MACHINES | 3-½" DIA. x 120" MAX LENGTH |
| (1) | #1 LeBLOND BORING LATHE | 1-1/8" DIA. x 120" MAX LENGTH |
| (3) | #2 LeBLOND BORING LATHE | 4" DIA. x 200" MAX LENGTH |
| (4) | #4GSR LeBLOND BORING LATHES
RETROFITTED FOR TREPANNING | 12" DIA. x 60' HOLE DEPTH;
125 HP DC DRIVE
UP TO 49" SWING |
| (1) | BORING MILL, GUN DRILL CONVERSION
W/ DRO'S | 1-¼" DIA. x 48" STROKE |
| (1) | SPECIAL 2 SPINDLE FIXTURE MACHINE | ¾" DIA. x 50" STROKE |
| (1) | #4RM LeBLOND RIFLING MACHINE | 4" DIA. x 20' STROKE |
| (1) | 50" ROTARY TABLE | |



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GENERAL MACHINING

EQUIPMENT

- (1) 10"x36" CENTER ATLAS LATHE
- (1) 17"/27" x 80" CENTER SUMMIT LATHE
- (1) 20"/36" x 240" CENTER MAZAK LATHE
- (1) EDLUND DRILL PRESS
- (1) SUNNEN HONE
- (1) 12" KALAMAZOO SAW
- (1) DAKE ARBOR PRESS
- (1) 4A WARNER & SWASEY TURRET LATHE, 12" SPINDLE HOLE, CROSS SLIDING TURRET
- (1) 27" x 192" CENTER LeBLOND OIL FIELD LATHE, 12-½" SPINDLE HOLE
- (1) 32" GOULD & EBERHART HEAVY DUTY SHAPER
- (1) BRIDGEPORT MILL WITH ROTARY TABLE & ANGLE PLATE
- (1) ELMES 500 TON STRAIGHTENING PRESS
- (1) 5" LUCAS BORING MILL, 48" x 86" TABLE WITH DRO'S
- (1) 6" x 8" BROWN & SHARPE AUTOMATIC SURFACE GRINDER
- (1) 16"x36" CENTER SOUTH BEND LATHE
- (1) 20" x 120" CENTER MONARCH LATHE
- (1) MIMIK TRACER ATTACHMENT
- (1) 6" x 8" REID SURFACE GRINDER
- (2) CAST IRON SURFACE PLATES
- (1) 20" DOALL SAW
- (1) #13 BROWN & SHARPE TOOL & CUTTER GRINDER



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