

# Manchester Tool & Die, Inc. BKB Manufacturing, Inc.



Steel fabricating,  
production machining  
and tube end forming  
services.



[www.manchestertoolanddie.com](http://www.manchestertoolanddie.com)



[www.bkbmfg.com](http://www.bkbmfg.com)

# Manchester Tool & Die

## Steel fabricating and production machining services

Founded in 1960, MTD is the leading manufacturer of tube end forming equipment. They also offer steel fabricating and production machining services in their 50,000 square feet manufacturing facility and maintain an ISO 9001-2000 certification to insure you get the quality product you demand.



### Steel Fabricating Capabilities

**Shearing** – Maximum length of 10' at 1/4" thickness.

**Press Brakes** – Capacities of 3/8" at 6', 5/16" at 8' and 1/4" at 10'.

**Welding** – Miller 452 MIG welder. TIG, ARC and acetylene welding available. Silver soldering too. MIG for steel and aluminum also available. Dynatorch Plasma Table- 5' by 10' CNC plasma table can cut up to 2" thick using a Hypertherm 1650 torch for perfect cuts every time.

**Slip Plate Metal Rolls** – Capacity of 3/8" by 6'.

**Other Equipment** – MTD also offers an Ironworker, saws and other production and fabricating tools and equipment to make your parts in the most efficient way.

### Production Machining Capabilities

**Milling Capabilities** – MC-60VAE CNC 57" L by 23" W by 24" H capacity, MC-4VAE CNC 29" L by 16" W by 12" H capacity, VR-40 CNC 20" L by 15" W by 12" H capacity.

**Boring Mills** – CNC and manual boring mills to 60" lengths and 42" heights.

**Grinding Capabilities** – Blanchard grinder with 40" diameter maximum capacity.

**Wire EDM** – Wire EDM capacity to 22" L by 15" W by 10" H. Turning capabilities- Large stock CNC lathes to 9" diameter by 14" long, long stock CNC lathes to 2-5/8" by 48" long. Manual lathe available with 18" diameter and 60" length capability. Two new Starr lathes with capacities to 1-1/4" diameter to 12" lengths.

**Heat Treating** – MTD offers air and oil quench heat treating services. Part sizes to 16" L by 6" H by 10" W.



# **BKB Manufacturing**

## **Production machining and tube end forming services**

Founded in 1980, BKB is an ISO 9001:2000 certified custom manufacturer in 40,000 square feet of manufacturing space. You will find here a broad range of machining functions and tube end forming machines. BKB works with a wide variety of materials – plastics, aluminum, steel, titanium and copper among others. We are supported by MTD engineering and a complete tool room.



### **Machining and Tube End Forming Capabilities**

**Machining Centers** – 16 multi-station rotary-transfer machining centers. Ranging from two to 15 stations. Simple to very complex parts machined in the shortest possible time. Six three-axis HAAS VF1 CNC vertical machining centers with hi-speed spindles and thru-the-spindle coolant and built-in pallet changers. One HAAS horizontal machining center with a fourth axis, hi-speed spindle and thru-the-spindle coolant. Pallet changer too. Two HAAS VFU Super Speed vertical machining centers with pallet changers.

**Lathes** – One HAAS mini lathes with bar loader, two Star SR32 Swiss lathes and one Nakamura chucker lathe.

**Saws** – Five automatic hi-speed cold saws and one programmable hi-speed cold saw.

**Mills** – One Makino horizontal mill with built-in pallet changer.

**EDM's** – One Fanuc wire EDM and one Chevalier RAM EDM.

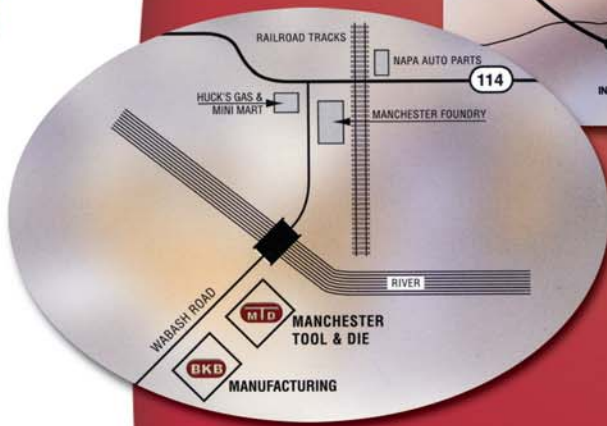
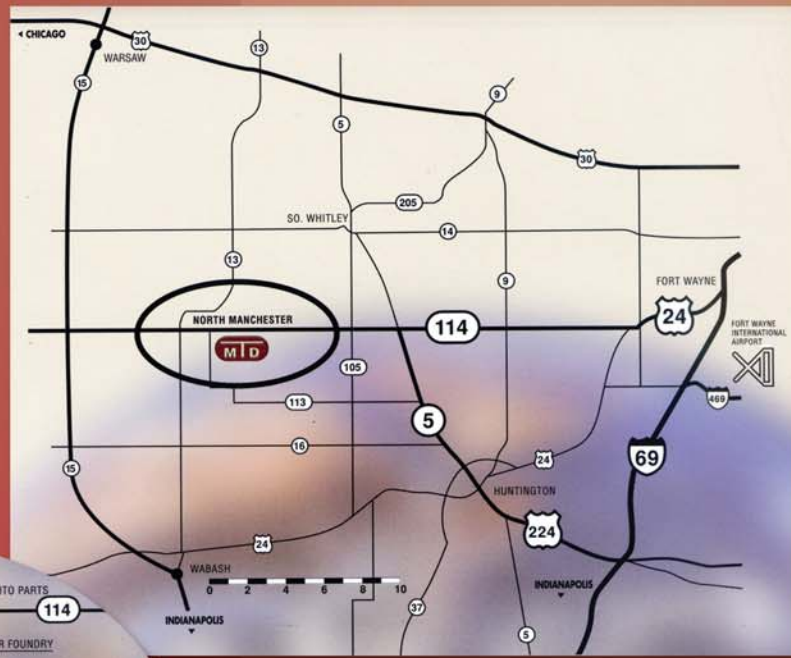
**MTD Equipment** – One MTD M71-H-6 bump machine and one MTD groover.

**Quality Department** – BKB Manufacturing has a complete quality control department equipped with all necessary tools and gages to meet your needs.



***MTD/BKB have straight trucks and a gooseneck trailer for pick up and delivery services.***

*Find out how Manchester Tool & Die and BKB services  
can improve your productivity and bottom line.  
Call 260-982-8524 or visit our website today.*



Made in the  
**U.S.A.**



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