

AIDA

FABRICATING MACHINING ASSEMBLY



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MACHINING

- Small, medium and large machining of critical components up to 44 ft. long x 16 ft. high x 16 feet deep
- 4 axis turning with accuracy down to 5 microns tolerance (lathe)



G&L Lathe

- Swing 34 in.
- Length 60 in.
- Chuck 24 in.
- Max 2,000 lb.



G&L Horizontal Machining Center

- x axis 47 in.
- y axis 48 in.
- z axis 43 in.
- Max 5,000 lb.
- Rotary table 31 in.
- CAT 50 taper
- 40 hp



Shibaura Horizontal Boring #1

- x axis 433 in.
- y axis 169 in.
- z axis 75 in.
- Spindle 6 in.
- 60 hp



Shibaura Horizontal Boring #2

- x axis 354 in.
- y axis 174 in.
- z axis 73 in.
- w axis 59 in.
- Spindle 6 in.
- Rotary table 118 in.
- 60 hp



Ingersoll MasterCenter Machining Center

- x axis 216 in.
- y axis 98 in.
- z axis 53 in.
- Max 22,050 lb.
- 50 hp
- CAT 50 taper
- Machine five sides with one set-up



Ingersoll MasterHead Machining Center

- x axis 521 in.
- y axis 147 in.
- z axis 59 in.
- w axis 98 in.
- Max 160,000 lb.
- 100 hp
- CAT 50 taper
- Machine five sides with one setup



- 150,000 sq. ft. facility
- Located in Dayton, OH
- Recent 17,600 sq. ft. expansion

FABRICATING

- Production of large weldments weighing up to 400,000 lb.
- Shot blast
- Prime and finish painting



ASSEMBLY

- 32 ft. under the crane hook in main assembly pit, with an additional 15 ft. under removable floor
- Cross cart that allows for full utilization of plant floor space
- Overhead cranes:
 - (1) 150 metric tons capacity (330,069 lb.)
 - (2) 100 U.S. tons capacity
200 U.S. tons capacity w/ spreader bar
 - (2) 50 U.S. tons capacity
100 U.S. tons capacity w/ spreader bar
- Various jib and gantry cranes 1 to 5 U.S. tons



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LOGISTICS

- Arranging transportation permits
- Packing and transportation by road, rail, sea and air
- Assistance with any required export documentation and/or customs clearance
- Complete crating and shipping capabilities



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