



# Metal Fabrication Capabilities

## FLAT SHEET LASERS

12 TRUMPF Flat Sheet Lasers

- (2) 5000 watt
- (8) 4000 watt
- (2) 3000 watt

Tolerance: Up to  $\pm 0.003$ "

Max Gauge: Steel 3/4", Aluminum 1/2",

Stainless Steel 3/8", Titanium 1/8"

Max Sheet Size: 60" x 120"

## TUBE LASER

(1) BLM Tube Laser

Max Tube Width: Must fit into a 6 inch diameter circle or max of 10 lbs/ft

Max Tube Length: 24'

Max Gauge: Steel 5/16" wall, Aluminum & Stainless Steel up to 5/32" wall

## PRESS BRAKES

TRUMPF

(5) 96 ton – 8'-4" long

(2) 220 ton – 13'4"

(1) 66 ton – 6' 9"

(1) 85 ton – 8'4" long

Tooling can be designed to meet customer needs

ACCUPRESS

(2) 60 ton 6 ft bed

(2) 100 ton 6 ft bed

(1) 100 ton 12 ft

(1) 250 ton 12 ft

(1) 320 ton 12 ft

## CNC MACHINING

(2) CNC Lathes (max 12" diameter) . . . (One has a bar feeder with 48" long bar capability)

(3) CNC Mills - 3 Axis End Mills (max 20" x 40" without reposition) Tolerance: Up to  $\pm 0.0005$ "

(3) Horizontal Cutoff Saws (1 mitre)

(1) CNC Tube Bender (2.5" capacity and/or 1/8" wall)

(2) CNC Routers with max table size of 60" x 120"

## ROBOTIC WELDING

(3) Lincoln Weld Robots

Max size: 40" x 24"

Capable of multiple weld processes

(1) Lincoln Duall Weld Robot with rotational

headstock & tailstock Max size: 20" x 32" x 108"

## MANUAL WELDING

(3) Tig Welders

(27) Mig Welders

(1) Stud Welder (1/2 dia)

## FINISHING / DEBURING

(1) Steel Master Finishing Machine

Max Width: 36"

Max Thickness: 4.7"

## PLATE ROLLING

1/4" Thick x 60" Wide Capacity

## IN-HOUSE POWDER COAT

- Seven stage wash system
- Reverse osmosis water system
- Max Size 6' x 12' x 3'

- In-line zinc priming station
- Instant color change capabilities
- Batch system for parts up to 18' x 12' x 10'

## ASSEMBLY

- Haeger fastener insertion
- Riveting - blind, semi - tubular
- Lamination / Adhesives
- Value added on completed products