

ASTRO'S EQUIPMENT

The variety and mix of equipment at Astro gives us the ability to fabricate a wide variety of metal parts and equipment, all on-site. Our employees have the skills and knowledge to assemble and operate our machinery with a sharp focus on quality. With a CWI on staff and experienced welders, our accurate and quality welds allow us to get parts done correctly and efficiently.

At Astro Engineering our commitment to quality and efficiency is demonstrated in every project, start to finish.

PUNCHING (CNC)

- TruPunch 5000
- TruPunch 3000
- Wide range of tooling
- Punches through thickness of ¼"
- 5' x 10' (longer with reposition)
- Regular and irregular patterns

LASER CUTTING (CNC)

- Mazak STX 510 HiPro 2500 watt
- 1/2" Carbon Steel
- 1/4" Stainless Steel
- 3/16" Aluminum
- Auto Load/Unload System

FORMING

- (CNC) Cincinnati 350 ton, 12' wide
- (NC) Cincinnati 225 ton, 12' wide
- (CNC) Cincinnati 90 ton 10' wide

MACHINING (CNC)

- Haas VF4 vertical machining center
- Bed travel 50 x 20 x 25
- LeBlond Lathe
- (2) Bridgeport Milling Machines

WELDING

- Certified Welding: TIG, MIG
- (6) Miller Dynasty
- (3) Miller 350P
- (4) Fronius MIG
- (2) Spot Welders (resistance welding)

DRAFTING / DETAILING

- SolidWorks 3D design
- Tekla BIM (compatible with Revit)
- CAM: Radan, BobCAD

OTHER EQUIPMENT

- Straight Lining Equipment
- Marvel Automatic Mitring Vertical Bandsaw
- 5' Power Slip Roller
- Scotchman Cold Saw
- Cincinnati Shear (Cuts 12', up to ¼" thick)

Astro
Engineering & Manufacturing

763-777-8087 www.astroeng.com Hanover, MN

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AS425-01-01	0.50 X 4.00 BASE PLATE	2
2	AS425-01-02	0.75 X 2.00 FLAT BAR POST	4
3	AS425-01-03	1.50 X 0.50 BAR SPACER	26
4	AS425-03-01	0.50 X 4.00 FLAT BAR TOP RA	1
5	AS425-01-01	0.50 X 4.00 BASE PLATE	1
6	AS425-01-02	0.75 X 2.00 FLAT BAR POST	1
7	5541-8-14	1/8" DIA. 1.8" DIA. 50X2.00 F	26
8	90	90° DIA. 0.13 DIA. 1/8" DIA. 50X2.00 F	13
9	Reliolor W 0.25	0.25 FLA	26
10	HINT 0.100-28-D	0.100-28-D	26
11	ALINU 1.2500-28-1	1.25-28	26