

TWIN CITY PLATING



Twin City Plating (TCP) has been a committed leader in the plating and metal finishing industry since the 1930s. Serving precision machining and manufacturing companies in a wide array of industries – Pharmaceutical, Food Handling Equipment, Electronics, Automotive, Defense, Aerospace, Production Equipment, Plastic Injection Molding, Oil & Gas, and others.

Twin City Plating's goal is to provide customers with a trusted source for their metal finishing needs by way of innovative solutions, exceptional quality, and top notch customer service.

Specializing in Electroless Nickel, TCP has over 10,000 gallons of capacity on six lines with tanks and lifting capabilities to handle some of the largest projects. Along with EN, TCP also provides Anodize, Hard Coat Anodize, Electropolish, Passivation, and Hard Gold Plating services.

What Makes Us Different

Focused

Specializing in Electroless Nickel (EN) plating and composite formulations.

Expert

We serve as consultants and project managers to add value and reduce costs of plating and finishing requirements.

Agile

We are adept at finding solutions, tackling difficult applications and adapting to meet customer needs.

Responsible

Our operators – trained experts – are committed and motivated to provide our customers with the exceptional quality and service.

Experienced

With over 100 years of combined plating experience under one roof, we've done just about everything. And done it well enough to be in business for over 75 years.

Committed

We remain diligent in the continuous improvement of our environmental safety practices and procedures - by way of advanced technologies and attention to detail.

Inventive

We have developed along with our suppliers, advanced formulations of Electroless Nickel, including our TwinClad XT - which delivers exceptional release properties, and wear characteristics across a number of different applications.

Surface finishing and value added solutions through innovation and continuous improvement.

“
Once we went to Twin City
Plating...our problem was solved.”

Bret Johnson,
Engineer

“
Twin City Plating shouts
intelligence...mix their own
chemicals...do whatever it
takes to get the job done. It's
really nice working with them.”

Brad Carlbom,
Project Engineer



Services

Electroless Nickel

- High, Medium, Low Phos
- Composite – TwinClad XT, Teflon, Diamond, Carbide, CR63
- Steel, Stainless, Aluminum, Brass, Bronze, Copper, others...
- RoHS compliant
- Size capabilities up to 22ft, and 6000lbs (3 ton)

Anodize

- Class I non-dyed (clear)
- Class II dyed - black, blue, red, gold, grey, purple...call for others
- Teflon impregnation
- 36" wide x 96" long x 48" deep

Hard Coat Anodize

- Class I non-dyed (clear)
- Class II dyed - black
- Teflon impregnation
- 36" wide x 96" long x 48" deep

Chromate Conversion

- Suitable for Aluminum alloys
- TCP-HF
- RoHS compliant conversion coating/anodize seal

Passivation

- Nitric & Citric Acid
- Size capabilities up to 22ft, and 6,000 lbs.

Electropolish

- Stainless Steel & Alum
- 30" wide x 45" deep x 96" long

Hard Gold

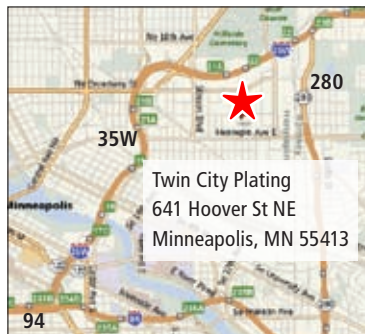
Post Plating Heat Treat / Bake

- Hydrogen Embrittlement Relief
- Adhesion and Hardness

Sand Blasting

Masking

Standard lead time is 2-4 days. Lead time will vary depending on the current schedule. Same-day and next-day (24hr) service available - call for pricing and details.



QUALITY CONTROL COMMITMENT

- X-ray fluorescence
- Permascope
- Microscope
- SPC
- Documented procedures to ISO compliance
- EPA compliance
- Industry-leading chemistry maintenance parameters

