

DAHLSTROM
DAHLSTROM ROLL FORM

SERVICES | SPECS
& CAPABILITIES



WHY ROLL FORMING?

Roll forming is the most efficient process for mass-producing metal components with any of the following features (or any combination thereof):

- Profile with multiple bends
- Length up to 40 ft.
- Complex hole pattern
- Finish-critical surface

And with proper planning, secondary operations are built right into the roll forming line to eliminate extra costs associated with excessive handling.

Traditional and nontraditional add-ons include:

- Punching/notching
- Proprietary labeling
- Embossing
- Stiffening features
- Lot tracking

WHY DAHLSTROM?

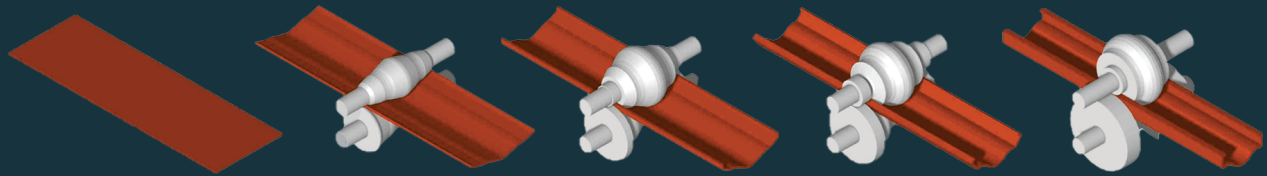
Along with consistently producing the highest-quality components in an ISO 9001 facility, Dahlstrom offers the followings services to all of our customers.

- Dedicated account managers
- Personalized quarterly reviews
- 99% on-time delivery committment
- Custom vendor-managed inventory
- Expert tool design & part optimization
- Pass-through raw material pricing
- Tailored packaging & logistics
- Minor assembly & washing
- In-house powder coating



SINCE 1904

Dahlstrom Roll Form has manufactured best-in-class OEM components and decorative metal mouldings for over 100 years. We've adapted our business structure countless times to meet market demands and remain a trusted partner for companies across the country. Today, we continue to improve our technology, workforce, and services in hopes of helping as many companies as we can.



FORMING CAPABILITIES

RAW MATERIAL SPECS:

Gauge 0.012" through 0.200"
Width 1/2" through 24" (flat strip)

AVAILABLE MATERIALS:

Cold Rolled Steel
Hot Rolled, Pickled, & Oiled Steel
High Strength, Low-Alloy Steel
Galvanized/Galvannealed Steel
Stainless Steel
Aluminum
Copper
Brass
Bronze

We also form "finish-critical" items like pre-painted, textured, brushed, and pre-perforated metals.

STANDARD SHAPES:



Our standard shapes require NO UPFRONT TOOLING COSTS. View our complete catalog of channels & angles at dahlstromrollform.com

FINISHED PART TOLERANCES

Cross Sectional Shape
 $\pm 0.010''$ (or less) to $\pm 0.030''$ (or more) on dims
 $\pm 0.5^\circ$ to $\pm 2.0^\circ$ (or more) on angles

Straightness Tolerance
Within $\pm 0.100''$ to $\pm 0.200''$ in 8 ft. of length

Twist Tolerance
Within $\pm 0.30^\circ$ to 0.75° per 1 ft. of length

Length Tolerance
 $\pm 0.030''$ to $\pm 1.000''$ (depends on need)

All of the above are ultimately determined by the customer's needs and the intended use of the part. Our ability to achieve any of these is a function and combination of:

- **Material thickness** – type & specification control
- **Part profile** – overall size & level of symmetry
- **Callout Location** – relative to profile geometry
- Number of bends & required tooling passes
- Presence, number, & relative proximity of punched features
- Location of features & how they are to be measured

APPLICATIONS

POWER DISTRIBUTION

- Bus Bars
- Wireways
- Solar Panel Racking

COMMERCIAL REFRIGERATION

- Kick Panels
- Shelving
- Hand Rails

MASS TRANSIT

- Gutters
- Carlines
- Sill Rails & Plates
- Interior Trim
- Beam Channel

METAL MOULDINGS

- Door Trim
- Window Casing
- Baseboards
- Cornices
- Chair Rails
- Picture Rails

WAREHOUSE & DATA STORAGE

- Shelf Supports
- Hat Stiffeners
- Wall Brackets
- Structural Joists

ELEVATOR & ESCALATOR

- Decking
- Tracks
- Chain Guide
- Balustrades
- Roller Guide
- U-Channel

MISCELLANEOUS

- Construction Aggregate Screens
- RFI Shielding
- Textile Machine Parts
- Classic Car Trim

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VISIT
[DAHLSTROMROLLFORM.COM](https://www.dahlstromrollform.com)
TO GET STARTED