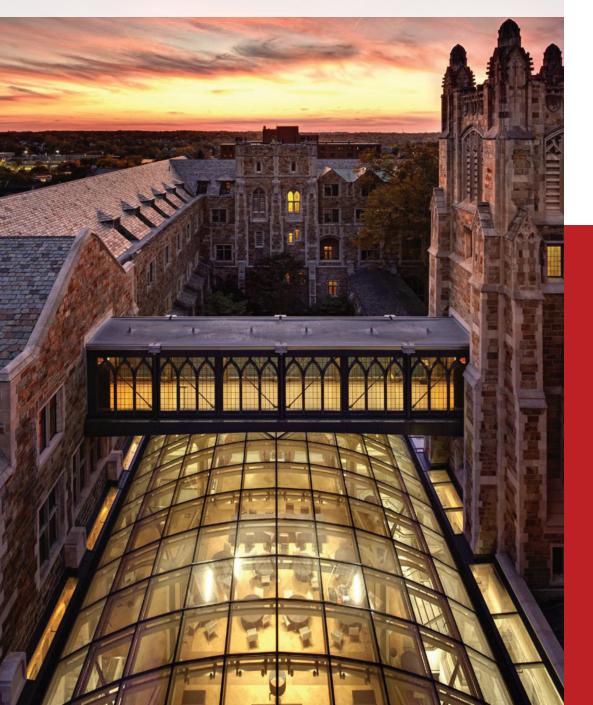


Kottler Metal Products is honored to be an IDEAS<sup>2</sup> Award Winner for Innovative Design in Engineering and Architecture with Structural Steel for our contributions to the Robert B. Aikens Commons at the University of Michigan Law School.

Sponsored by the American Institute of Steel Construction, the IDEAS<sup>2</sup> Award is based on innovative use of structural steel. Kottler Metal Products is an active member of the AISC's Bender-Roller Committee.





### QUALITY, RELIABILITY & WORLD-CLASS SERVICE SINCE 1915

Quality and service are integral components of Kottler Metal's commitment to excellence. We strive to maintain the highest standards of quality in the industry, with competitive rates and on-time delivery.

Over our 100-year history, we have fostered relationships and earned a reputation for excellent performance and service. Our dedicated team of employees, on-the-job training programs, standards of excellence, and state of the art equipment have enabled us to meet the highest caliber of performance. Our Quality Assurance team carefully inspects all fabrications to ensure that all customer specifications are met.



Kottler Metal Products, Inc. is honored to be an esteemed member of the **100 Year Club**, an affiliation of The Western Reserve Historical Society.

In grateful recognition and deep appreciation for dedicated services and invaluable contributions to the industrial, educational and cultural life of Northeast Ohio for more than a century.

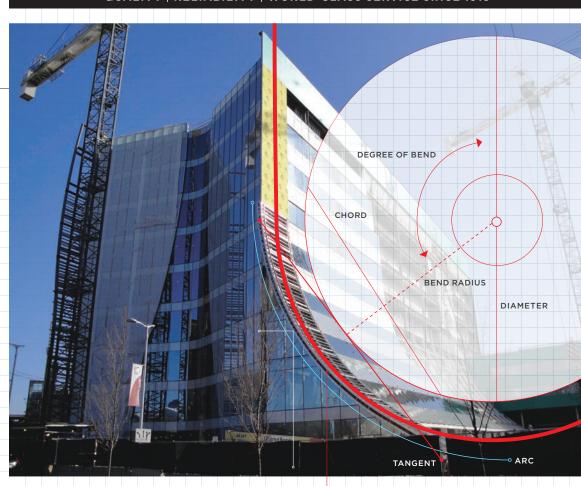


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#### OUR SUPERIOR SERVICES

# Kottler Metal Products is ahead of the *curve* on quality and service.

We have one of the largest pipe, tube and structural steel bending capacities in the Midwest, bending up to 10" angle, 20" pipe and tube, and 40" channel and I-beam, both easy-way and hard-way.

Our vast experience extends globally through countless industrial and manufacturing applications including steel mill, transportation, agricultural equipment, food processing, steel construction, automotive, chemical and artwork.

Family owned and built on a 100 year legacy, our business philosophy is based on a dual commitment to quality and service. For five generations, we have maintained the tradition of producing the highest caliber of metal fabrications throughout the world. Our team of dedicated staff works diligently to achieve and maintain this reputation.

#### **ARCHITECTURAL & ORNAMENTAL**

Kottler Metal's architectural department has formed numerous iconic structures including high profile marquees, artistic sculptures, lighting fixtures, decorative handrails for elevators, bars, stairwells and a wide variety of applications requiring bending, fabricating and custom surface finishes.

#### COILING

We have the capacity to coil up to 20" pipe. Our systems allow us to coil both light and heavy wall materials to customer specifications. We can coil ferrous and non-ferrous metals, and are equipped to weld and pressure test these coils. Our coiling processes are commonly used for medical, petrochemical and food process applications.

#### **DRAW BENDING**

Our rotary draw bending department is supported by the use of many aircraft-quality Pines, Coast, Wallace and Eaton-Leonard CNC bending machines. We have the capacity to draw bend 8" I.P.S. up to a 72" centerline radius. Our collection of tooling enables us the opportunity to offer our customers a wide selection of draw bending radius options in round, square and rectangular shaped materials. We have the capacity to bend ferrous and non-ferrous, pipe, tube and structural profiles to designated radii.



## Kottler Metal is the benchmark for quality bends.

#### **PLATE ROLLING**

Our state-of-the-art CNC plate rolling equipment has the capacity to roll up to 10' wide plates. Our vast capacity and experience enables Kottler Metal to form pitched staircase stringers, cylinders and conical shapes for a variety of industries and applications.

#### RAM BENDING

Kottler Metal has the capacity to meet specialized bending requirements by employing a ram bending (point bending) system. The ram bending process involves segment bending a member in multiple locations to achieve a required radius, or even multiple radii in a single unit.

#### **ROLL BENDING**

Our enhanced roll bending capacity allows us to offer our partners the rolling of up to 40" channel and beam, 20" pipe and tube, as well as a wide range of round, square and rectangular shapes. Materials can be rolled both easy-way and hard-way to meet a variety of required radii. This bending process is also ideal for the forming of other material profiles such as angle, tee and rail.

#### **ROTOFORM BENDING**

Kottler Metal operates two Pines Rotoform Benders. These unique machines allow us to bend from 5" to 12" pipe and tube in ferrous and non-ferrous metals. The Rotoform bending process features the capacity to form a tight 3-D radius on thin wall material with no fixed dies and minimal distortion.

#### STRUCTURAL STEEL

Kottler Metal is recognized as an industry leader in the precision bending of A.E.S.S. (Architecturally Exposed Structural Steel). We have the capacity to bend up to 40" channel or beams, 20" pipes and tubes, up to 10" x 10" x 1" angle, and a vast array of other custom steel shapes. Structural members can be formed easy-way or hard-way, leg-in or leg-out, or on vertex.

#### WELDING

Our certified welding department has the capability to TIG, MIG and stick weld. Our testing department can hydrostatically pressure test coils and assemblies up to 5,000 P.S.I.

