



wieland Welcome to
Small Tube Products
Duncansville, PA



Agenda

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Ownership

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WSTP's Role In The Supply Chain

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Our People and Core Competencies

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Fabricated Products

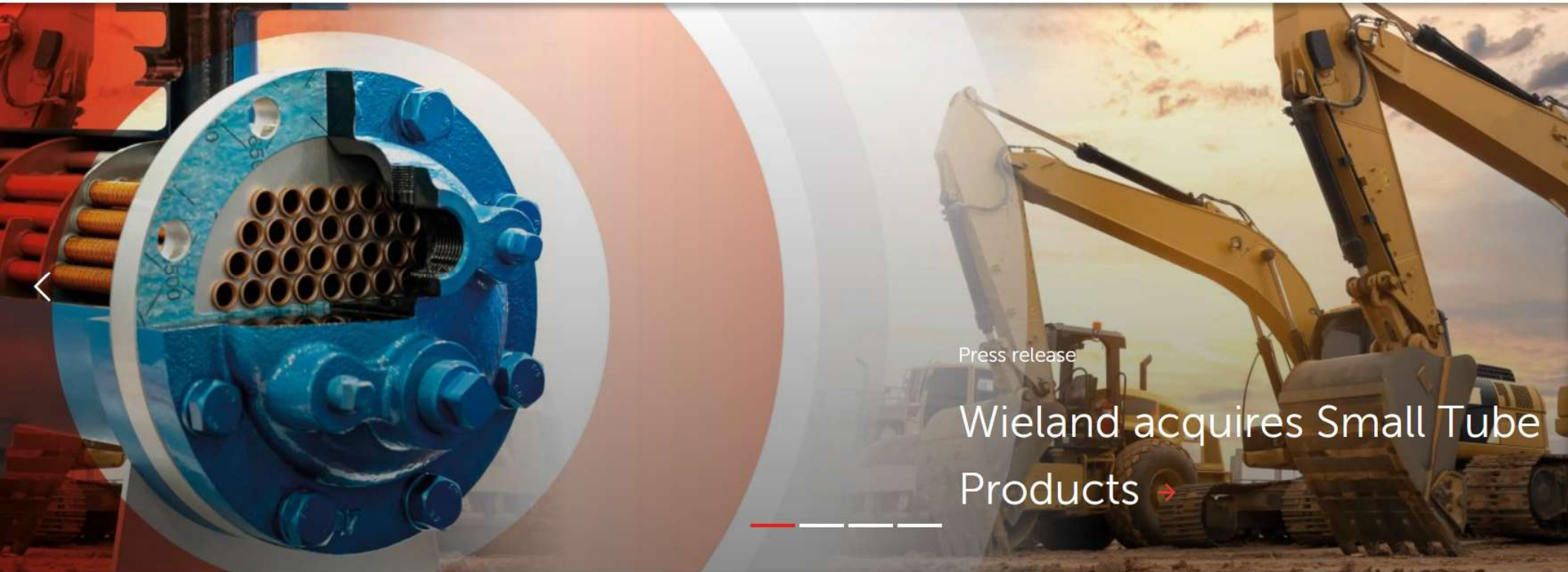


Ownership

Wieland Acquisition – August 1, 2023



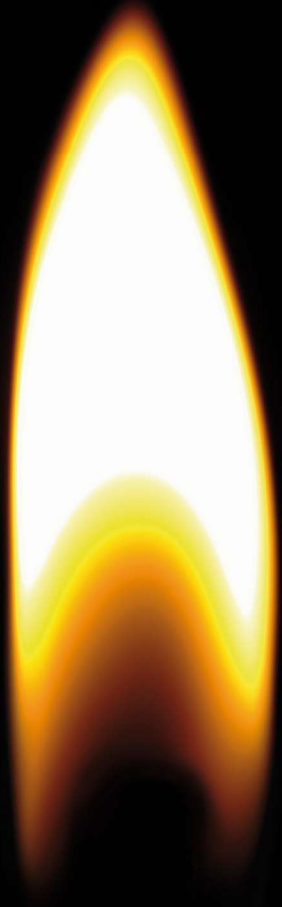
wieland



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Thermal Solutions Business Unit





Global Thermal Solutions



TS Production locations

- **Europe:** Ulm (Germany, also Headquarters), Esposende (Portugal), Latina (Italy), Mussolente (Italy), Lonigo (Italy)
- **USA:** Cuba (Missouri) | Wheeling (Illinois) | Pine Hall (North Carolina) | Verona (Virginia) | Delaware (Ohio) | **Duncansville (Pennsylvania)**
- **China:** Shanghai, Chengdu



Location

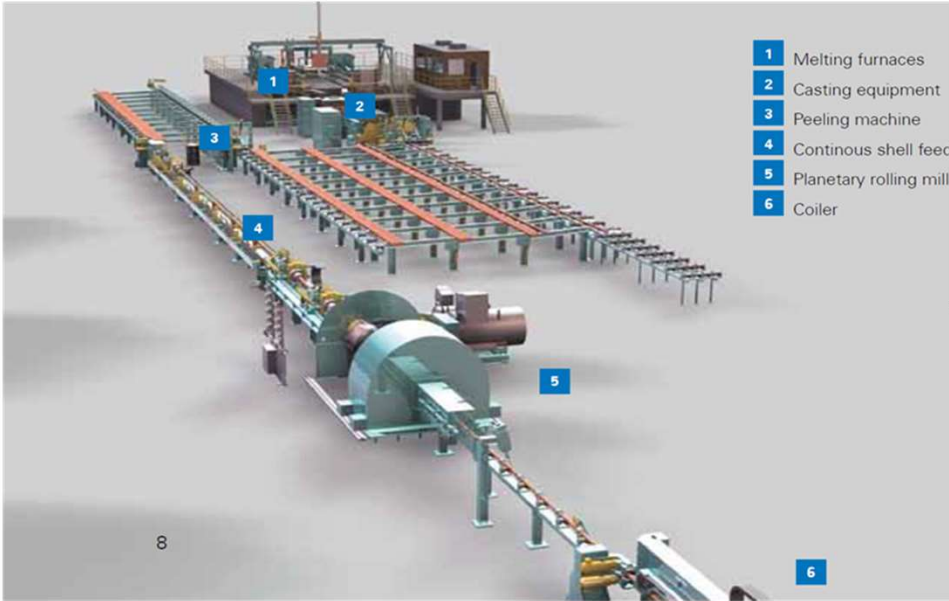
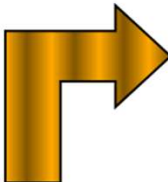
15 Facilities



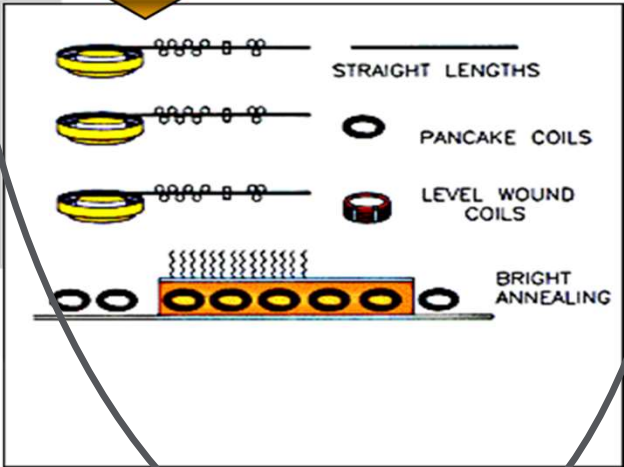
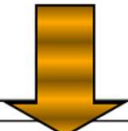
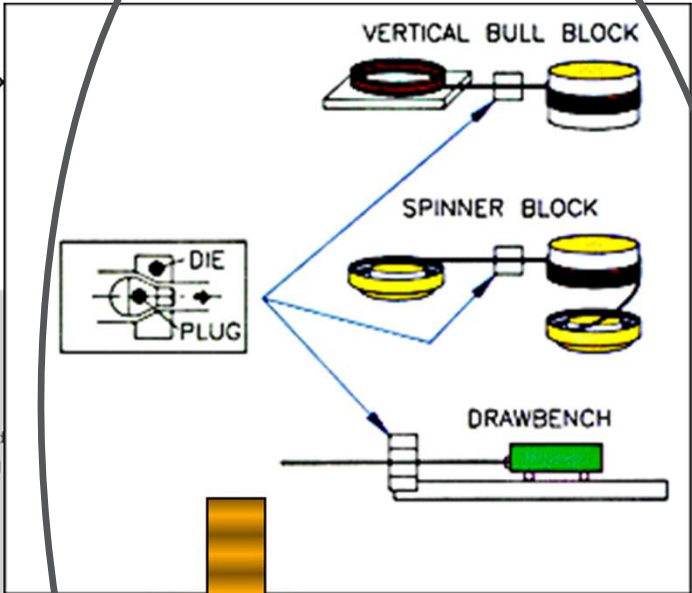
WSTP's Role In The Supply Chain



Cast and Roll Technology



8



WSTP's
Operations

Our People



190 employees



Experienced workforce
with 15 years avg service



Dedicated to craftsmanship



On-Site customer service



The WSTP Advantage



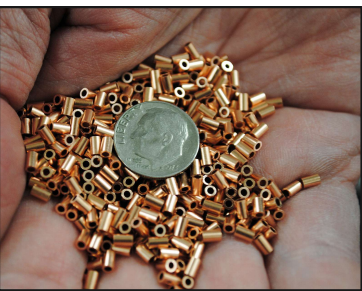
Alloy Diversification



Custom Diameter Range & Control



Custom Tube Length



Advanced Temper Control



Straightening Capabilities



Coil Options



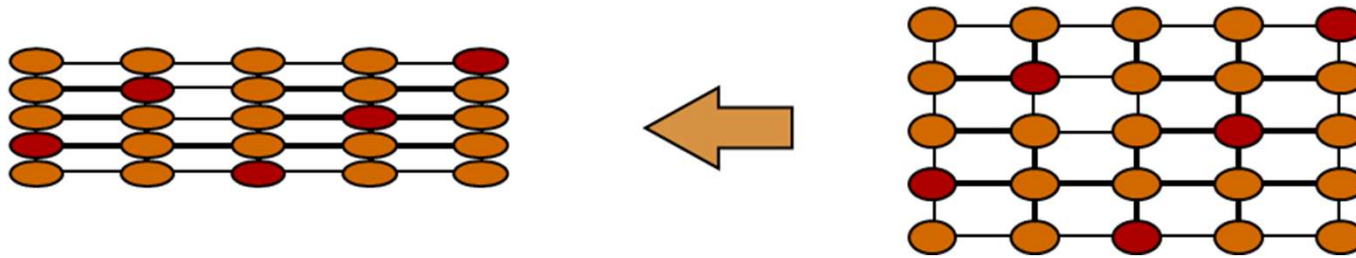
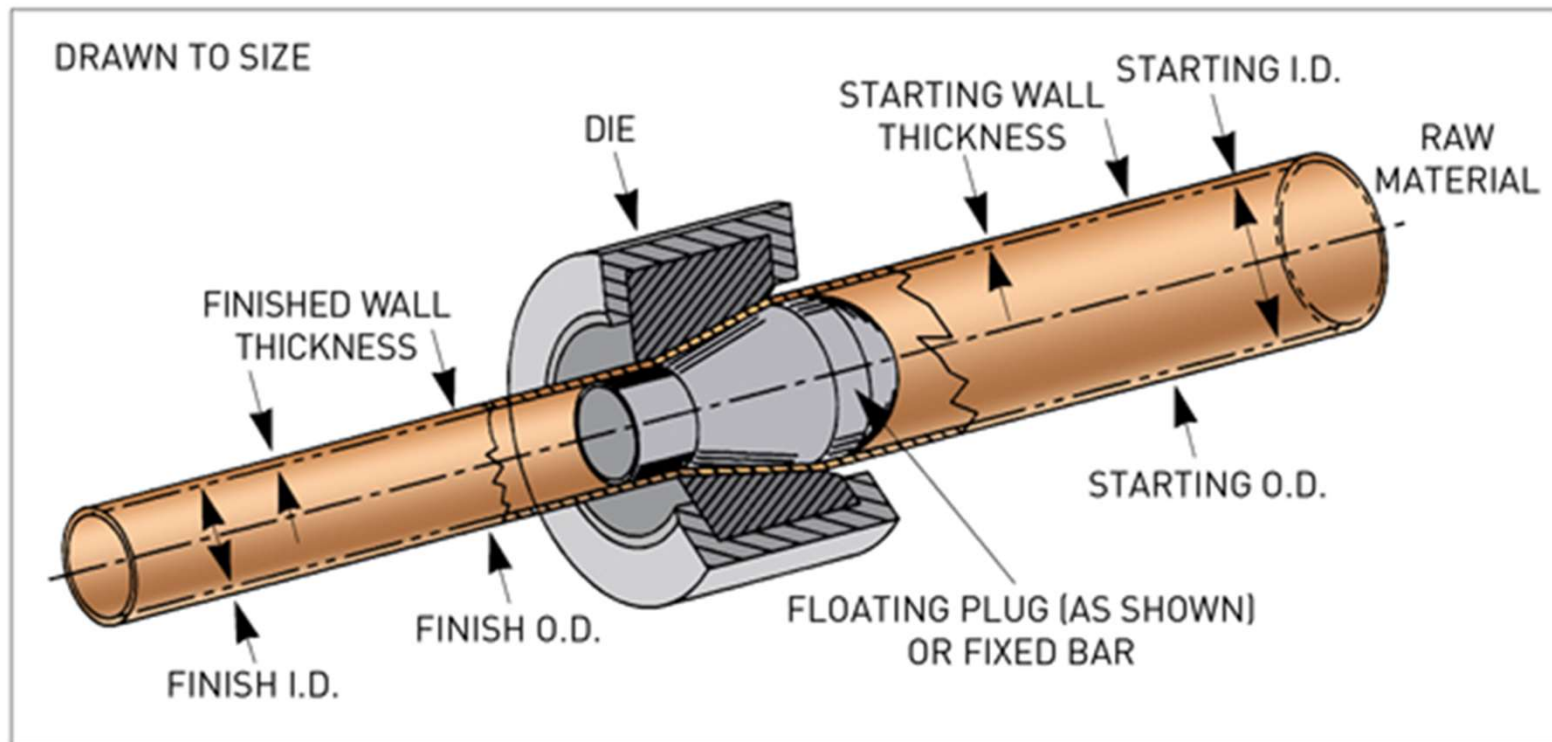
Custom Engineered Shapes



Custom Fabrication



How Cold Work Is Applied



In-House Tooling



Large Selection of Alloys



Coppers

•C10100, C10200, C12000,
C12200, C19400

Copper- Nickels

•C70600, C71500

Brasses

•C22000, C23000, C26000,
C33000, C33200, C43500,
C44300, C68700 (special order)

Phos Bronze

•C51000, C52100

Nickel- Silver

•C75200

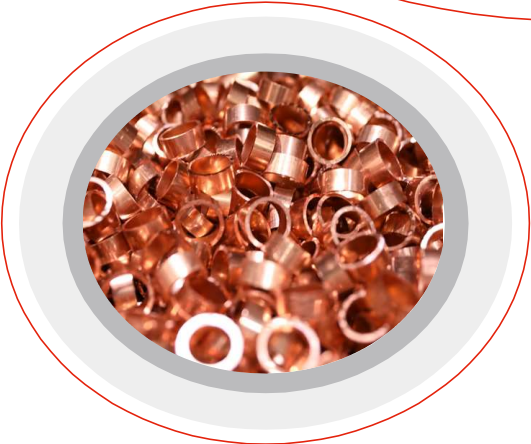
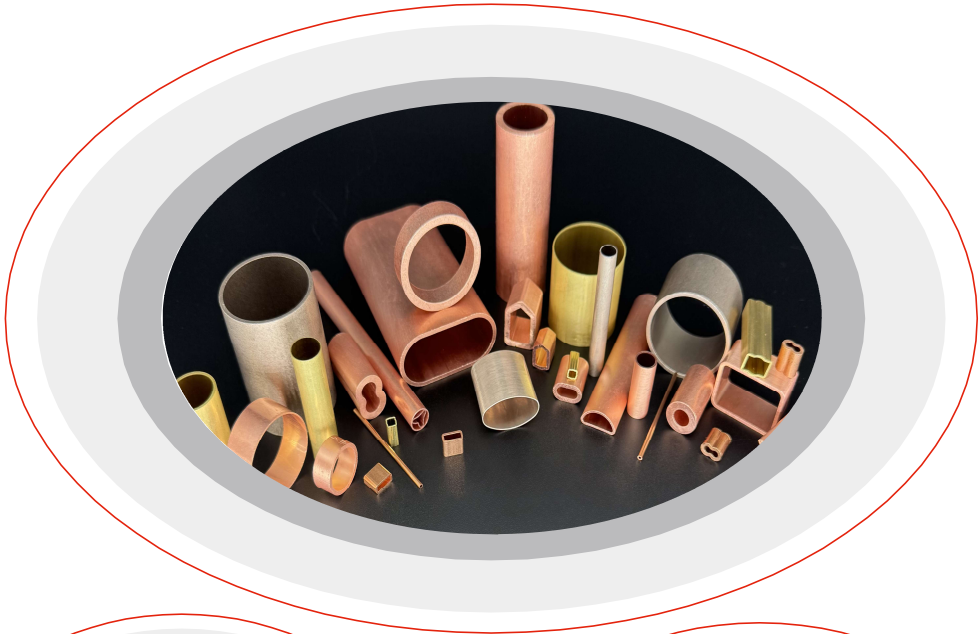
Aluminum

•A91100, A93003

*Other Alloys may be available upon request



Diameter Range & Control



→ Coils

| Type | OD | Wall Thickness | Alloy (UNS) |
|---------------|-----------------|-----------------|------------------------|
| Copper | 0.040" - 0.875" | 0.005" - 0.200" | C101, C102, C120, C122 |
| Brass | 0.040" - 0.875" | 0.010" - 0.065" | C230 |
| Copper Nickel | 0.040" - 0.875" | 0.010" - 0.070" | C706, C715 |
| Aluminum | 0.040" - 0.750" | 0.012" - 0.065" | A91100, A93003 |

→ Straight Lengths (lengths from 0.125" to 42')

| Type | OD | Wall Thickness | Alloy (UNS) |
|-----------------|-----------------|-----------------|------------------------------|
| Copper | 0.040" - 2.625" | 0.004" - 0.367" | C101, C102, C120, C122 |
| Brass | 0.125" - 2.625" | 0.010" - 0.175" | C220, C230, C260, C435, C443 |
| Leaded Brass | 0.109" - 1.375" | 0.010" - 0.200" | C330, C332 |
| Phosphor Bronze | 0.200" - 0.875" | 0.004" - 0.045" | C510, C521 |
| Copper Nickel | 0.125" - 2.625" | 0.010" - 0.175" | C706, C715, C752 |
| Aluminum | 0.040" - 2.000" | 0.012" - 0.200" | A91100, A93003 |

Markets We Serve



Markets We Serve

Heat Transfer



Electrical



Welding



Transportation



Controls



Consumer Products



Plumbing & Heating








- Other unique industries
- Diversified Customer Base
- Over 900 Active Customers
- Average Order Size ~1,400 Lbs.



Examples of Shapes

Over 1,000 different shapes and sizes!

|  |  |  |  |  |
|--|---|---|--|---|
| <ul style="list-style-type: none">Hourglass/Figure 8 | <ul style="list-style-type: none">Leak Detector TubeDuplex | <ul style="list-style-type: none">Oval-Shaped, Fluted ODFluted OD/Round ID | <ul style="list-style-type: none">KeyholeBrushholderMailboxD-ShapeB-ShapeDoghouseI-Shape | <ul style="list-style-type: none">Square/RoundSquare OD and IDRectangle |
| | | | | |



Packaging Options

Bundle Pack



All Wood Boxes



All Cardboard Boxes



Wooden End Boxes



Coil Packaging

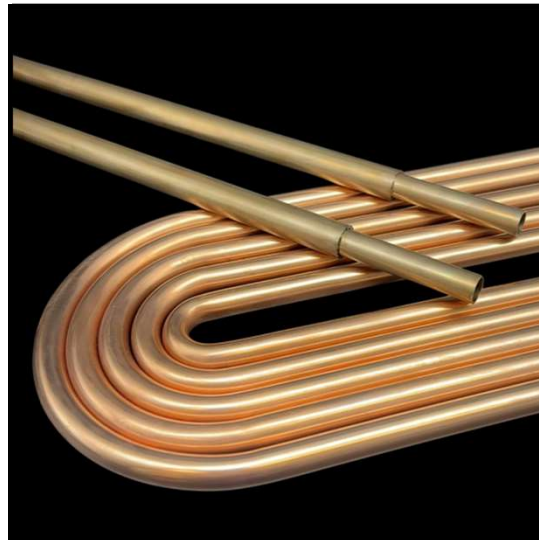


Shrink Wrap



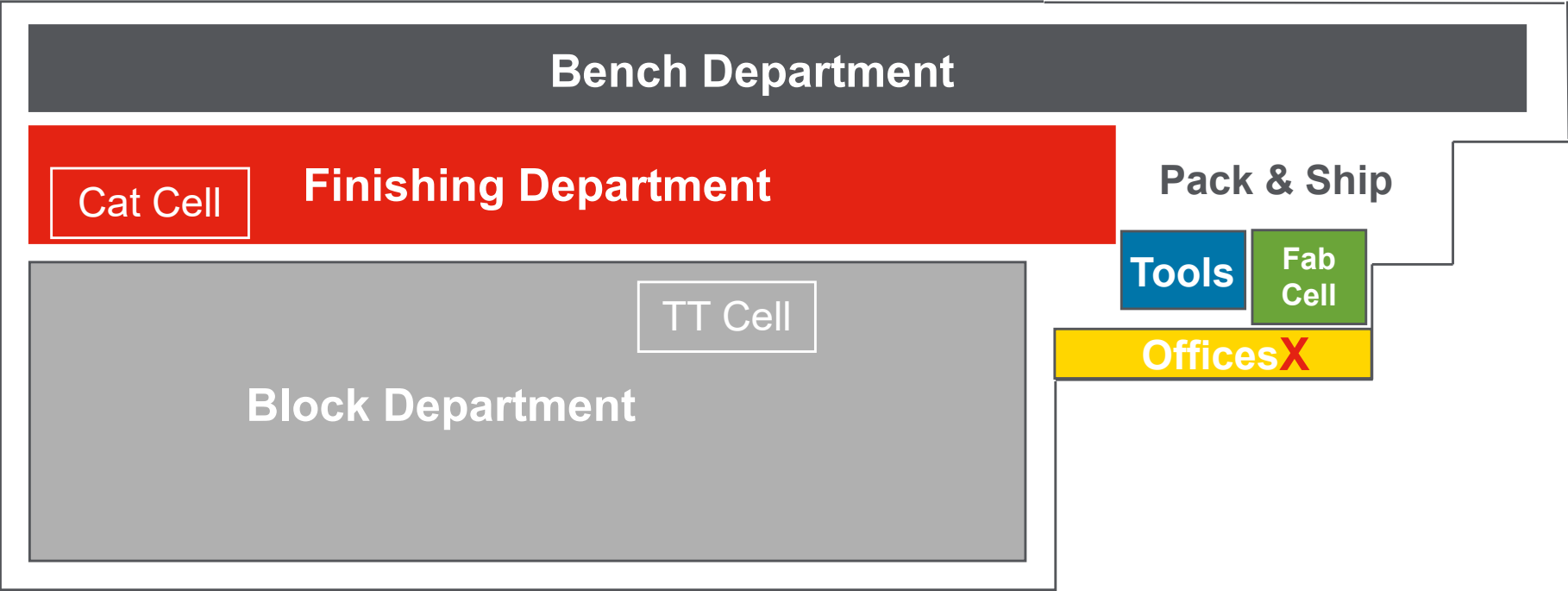
Fabricated Products

- Bending
- Expanding
- Swaging
- Flaring
- Spinning
- Chamfering
- Beading
- Special Coiling
- Incising
- Dimple/Roll Groove
- Slitting
- Angle Cutting
- Collaring





Floor Plan Layout



Thank You | Danke

wieland

Creating value for generations.



Facility Tour Video

Skilled Producers of Copper and Brass Tubing Since 1947



WSTP Website