

F. Number of Employees at this location: _____

G. Size of Facility: (Sq. Ft.) _____

H. Please indicate which electronic capabilities your company possesses: *(check all that apply)*

EDI

CAD

I. In 30 words or less, please provide a brief “company profile (i.e. special capabilities) and background on your company.

J. What third-party certifications has your company earned that would be important for a metalforming buyer to know? *(check all that apply)*

ISO 9001/Q 9001

ISO 9002/Q 9002

QS 9000

MIL I 45209

GMP

UL

MILQ 9858A

GM’s TFE

Ford Q1

Chrysler SQA

Other _____

K. Identify markets your company serves. *(check all that apply)*

1. Electronics

2. Computer/Business Machines

3. Tele-communications

4. Automotive Tier 1

5. Automotive Tier 2

6. Automotive After-Market

7. Consumer Products

8. Lawn & Garden

9. Off-Highway

10. Defense

11. Aerospace

12. Medical/Instruments

13. Appliance

14. Commercial/Industrial Hardware

15. Produce Own End Product

16. Other _____

L. Please let us know if you have other locations that are not currently PMA members, that you would like to become members, so they may also be listed on the makitmetal Buyers’ Guide.

SECTION 3 — METALFORMING SPECIALTY

*You may choose to be included in the following metalforming sections of the **makitmetal** Internet Buyers' Guide **FREE**. Please check each of the categories you would like to have your company listed, then proceed to the appropriate sections.*

Please Indicate Your Metalforming Processes

- Metal Stamping
- Metal Fabricating
- Slide Forming
- Spring Coiling
- Metal Spinning
- Custom Roll Forming
- Hydroforming
- Small Lot Stamping
- Washer Manufacturing
- Tool & Die

Metal Stamping

A. Type of Stamping Operation(s) Performed: *(check all that apply)*

- | | |
|---|--|
| <input type="checkbox"/> Single-Stroke Production | <input type="checkbox"/> High Speed (600 spm+) |
| <input type="checkbox"/> Deep Draw | <input type="checkbox"/> Fine Blanking |
| <input type="checkbox"/> Progressive | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Transfer | |

B. Stamping Press Characteristics:

Maximum Stamping Press Tonnage:

- | | |
|---|--|
| <input type="checkbox"/> Up to 20 tons | <input type="checkbox"/> 201 to 600 tons |
| <input type="checkbox"/> 21 to 60 tons | <input type="checkbox"/> 601 to 1,000 tons |
| <input type="checkbox"/> 61 to 200 tons | <input type="checkbox"/> Over 1,000 tons |

Maximum Stamping Press Bed Length: (Left to Right)

- | | |
|--|---|
| <input type="checkbox"/> Up to 12 inches | <input type="checkbox"/> 49 to 60 inches |
| <input type="checkbox"/> 13 to 24 inches | <input type="checkbox"/> 61 to 120 inches |
| <input type="checkbox"/> 25 to 48 inches | <input type="checkbox"/> Over 120 inches |

Maximum Stamping Press Bed Width: (Front to Back)

- | | |
|--|---|
| <input type="checkbox"/> Up to 12 inches | <input type="checkbox"/> 49 to 60 inches |
| <input type="checkbox"/> 13 to 24 inches | <input type="checkbox"/> 61 to 120 inches |
| <input type="checkbox"/> 25 to 48 inches | <input type="checkbox"/> Over 120 inches |

Maximum Stamping Press Stroke Height:

- | | |
|---|--|
| <input type="checkbox"/> Up to 2 inches | <input type="checkbox"/> 13 to 20 inches |
| <input type="checkbox"/> 3 to 6 inches | <input type="checkbox"/> 21 to 36 inches |
| <input type="checkbox"/> 7 to 12 inches | <input type="checkbox"/> Over 36 inches |

C. Value-Added Capabilities *(check all that apply)*

- | | |
|--|--|
| <input type="checkbox"/> Tool & Die | <input type="checkbox"/> Welding |
| <input type="checkbox"/> Heat Treating | <input type="checkbox"/> Mechanical Assembly |
| <input type="checkbox"/> Machining | <input type="checkbox"/> Electrical Assembly |
| <input type="checkbox"/> Finishing | <input type="checkbox"/> Other _____ |

Metal Fabricating

In addition to completing the capability check-boxes, please be sure to indicate whether a specific capability is performed in-house or out-sourced by checking the appropriate code: I = in-house O = outsourced.

D. Production Capabilities: *(check all that apply and indicate in-house or out-sourced)*

	In-House	Out-Sourced
<input type="checkbox"/> Fabricating	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Stamping	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Prototyping	<input type="checkbox"/>	<input type="checkbox"/>

E. Equipment: *(check all that apply and indicate in-house or out-sourced)*

	In-House	Out-Sourced
<input type="checkbox"/> Laser	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Plasma Cutter	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Turret Punch Press	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Press Brake	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Other Equipment _____	<input type="checkbox"/>	<input type="checkbox"/>

F. Processes Performed: *(check all that apply and indicate in-house or out-sourced)*

	In-House	Out-Sourced
<input type="checkbox"/> Electrical Assembly	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Machining	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Plating	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Spot Welding	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Tool & Die	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Silkscreening	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Hardware Installation	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Mechanical Assembly	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Painting	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Welding (MIG or TIG)	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Engineering Services	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Other _____	<input type="checkbox"/>	<input type="checkbox"/>

G. What Electronic Interchange Capabilities do you have at this Company? *(check all that apply.)*

- CAD/CAM
- EDI
- Other _____

Slide Forming

H. Machine Capabilities: (Complete all information for wire and/or strip.)

WIRE:

Maximum Diameter:

- | | |
|--|--|
| <input type="checkbox"/> Up to 0.020 inches | <input type="checkbox"/> 0.201 to 0.300 inches |
| <input type="checkbox"/> 0.021 to 0.100 inches | <input type="checkbox"/> Over 0.300 inches |
| <input type="checkbox"/> 0.110 to 0.200 inches | |

Maximum Feed Length:

- | | |
|--|--|
| <input type="checkbox"/> Up to 5.0 inches | <input type="checkbox"/> 24.1 to 36.0 inches |
| <input type="checkbox"/> 5.1 to 10.0 inches | <input type="checkbox"/> Over 36.00 inches |
| <input type="checkbox"/> 10.1 to 24.0 inches | |

STRIP:

Maximum Thickness of Material:

- Up to 0.050 inches
- 0.051 to 0.100 inches
- Over 0.101

Maximum Material Width:

- | | |
|--|--|
| <input type="checkbox"/> Up to 0.50 inches | <input type="checkbox"/> 1.01 to 2.00 inches |
| <input type="checkbox"/> 0.51 to 1.00 inches | <input type="checkbox"/> Over 3.00 inches |

Maximum Feed Length:

- | | |
|--|--|
| <input type="checkbox"/> Up to 5.0 inches | <input type="checkbox"/> 24.1 to 36.0 inches |
| <input type="checkbox"/> 5.1 to 10.0 inches | <input type="checkbox"/> Over 36.00 inches |
| <input type="checkbox"/> 10.1 to 24.0 inches | |

I. Type of Material Your Company Works With: (*check all that apply*)

- Non-Ferrous Ferrous Non-Metal

J. Value-Added Capabilities: (*check all that apply*)

- | | |
|---|--|
| <input type="checkbox"/> Tool & Die | <input type="checkbox"/> Prototyping |
| <input type="checkbox"/> Finishing | <input type="checkbox"/> In-Line Tapping |
| <input type="checkbox"/> Secondary Operations | <input type="checkbox"/> In-Line Mechanical Assembly |
| <input type="checkbox"/> Heat Treating | <input type="checkbox"/> Special Packaging |
| <input type="checkbox"/> In-Line Welding | <input type="checkbox"/> Other _____ |

Spring Coiling

K. Type(s) of Springs: *(check all that apply)*

- | | |
|---|---|
| <input type="checkbox"/> Compression | <input type="checkbox"/> Hot Wound |
| <input type="checkbox"/> Torsion | <input type="checkbox"/> Double Torsion |
| <input type="checkbox"/> Constant Force | <input type="checkbox"/> Spiral Torsion & Power |
| <input type="checkbox"/> Extension | <input type="checkbox"/> Wire Forms |

L. Machine Capabilities:

Maximum Wire Diameter

- | | |
|--|--|
| <input type="checkbox"/> Up to 0.050 inches | <input type="checkbox"/> 0.251 to 0.500 inches |
| <input type="checkbox"/> 0.051 to 0.100 inches | <input type="checkbox"/> Over 0.500 inches |
| <input type="checkbox"/> 0.101 to 0.250 inches | |

M. Material: *(check all that apply)*

- Special Shaped

N. Value-Added Capabilities: *(check all that apply)*

- | | |
|--|--|
| <input type="checkbox"/> Tooling | <input type="checkbox"/> Secondary Operations |
| <input type="checkbox"/> Finishing | <input type="checkbox"/> In-Line Mechanical Assembly |
| <input type="checkbox"/> Prototyping | <input type="checkbox"/> Special Packaging |
| <input type="checkbox"/> Heat Treating | <input type="checkbox"/> Other _____ |

Metal Spinning

O. Equipment:

Maximum Blank Diameter

- | | |
|--|--|
| <input type="checkbox"/> Up to 24 inches | <input type="checkbox"/> 60.1 to 96 inches |
| <input type="checkbox"/> 24.1 to 48 inches | <input type="checkbox"/> Over 96 inches |
| <input type="checkbox"/> 48.1 to 60 inches | |

CNC Capability? YES NO

P. Type of Material and Maximum Thickness Spun (*check all that apply*)

Aluminum (*Maximum Thickness Spun*)

- | | |
|--|---|
| <input type="checkbox"/> Up to 0.125 inches | <input type="checkbox"/> 0.51 to 1.000 inches |
| <input type="checkbox"/> 0.126 to 0.250 inches | <input type="checkbox"/> Over 1.000 inches |
| <input type="checkbox"/> 0.251 to 0.500 inches | |

Stainless Steel: (*Maximum Thickness Spun*)

- | | |
|--|---|
| <input type="checkbox"/> Up to 0.125 inches | <input type="checkbox"/> 0.51 to 1.000 inches |
| <input type="checkbox"/> 0.126 to 0.250 inches | <input type="checkbox"/> Over 1.000 inches |
| <input type="checkbox"/> 0.251 to 0.500 inches | |

Red Metals: (*Maximum Thickness Spun*)

- | | |
|--|---|
| <input type="checkbox"/> Up to 0.125 inches | <input type="checkbox"/> 0.51 to 1.000 inches |
| <input type="checkbox"/> 0.126 to 0.250 inches | <input type="checkbox"/> Over 1.000 inches |
| <input type="checkbox"/> 0.251 to 0.500 inches | |

Steel: (*Maximum Thickness Spun*)

- | | |
|--|---|
| <input type="checkbox"/> Up to 0.125 inches | <input type="checkbox"/> 0.51 to 1.000 inches |
| <input type="checkbox"/> 0.126 to 0.250 inches | <input type="checkbox"/> Over 1.000 inches |
| <input type="checkbox"/> 0.251 to 0.500 inches | |

Nickel Alloys: (*Maximum Thickness Spun*)

- | | |
|--|---|
| <input type="checkbox"/> Up to 0.125 inches | <input type="checkbox"/> 0.51 to 1.000 inches |
| <input type="checkbox"/> 0.126 to 0.250 inches | <input type="checkbox"/> Over 1.000 inches |
| <input type="checkbox"/> 0.251 to 0.500 inches | |

Exotic Alloys: (*Maximum Thickness Spun*)

- | | |
|--|---|
| <input type="checkbox"/> Up to 0.125 inches | <input type="checkbox"/> 0.51 to 1.000 inches |
| <input type="checkbox"/> 0.126 to 0.250 inches | <input type="checkbox"/> Over 1.000 inches |
| <input type="checkbox"/> 0.251 to 0.500 inches | |

Q. Value-Added Capabilities: (*check all that apply*)

- | | |
|--|---|
| <input type="checkbox"/> Assembly & Fab | <input type="checkbox"/> Painting/Polishing |
| <input type="checkbox"/> Heat Treating | <input type="checkbox"/> Rolling |
| <input type="checkbox"/> Machining | <input type="checkbox"/> Deep Drawing |
| <input type="checkbox"/> Prototyping | <input type="checkbox"/> In-House Tooling |
| <input type="checkbox"/> Welding | <input type="checkbox"/> Press Brake |
| <input type="checkbox"/> Circle Shearing | <input type="checkbox"/> Stamping |
| <input type="checkbox"/> Hydroforming | <input type="checkbox"/> Other _____ |

Custom Roll Forming

R. Type of Material(s) Rolled: *(check all that apply)*

- | | |
|--|---|
| <input type="checkbox"/> Carbon Steel | <input type="checkbox"/> Pre-coated Materials |
| <input type="checkbox"/> Alloy Steel | <input type="checkbox"/> Aluminum |
| <input type="checkbox"/> Other Non-ferrous | <input type="checkbox"/> Galvanized |
| <input type="checkbox"/> Stainless Steel | |

S. Size Range:

1. Maximum Material Thickness:

- Up to 0.175 inches
- 0.176 to 0.375 inches
- Over 0.375 inches

2. Maximum Material Width:

- Up to 12.0 inches
- 12.1 to 18.0 inches
- 18.1 to 30.0 inches
- Over 30 inches:

3. Maximum Part Length:

- Up to 20 feet
- 20.1 to 40 feet
- 40.1 to 60 feet
- Over 60 feet

4. Maximum Part Depth

- Up to 4 inches
- 4.1 to 10 inches
- Over 10 inches

T. Value-Added Capabilities: *(check all that apply)*

- | | |
|---|---|
| <input type="checkbox"/> Pre-punching/Notching | <input type="checkbox"/> Secondary Stamping |
| <input type="checkbox"/> Bending | <input type="checkbox"/> In-Line Welding |
| <input type="checkbox"/> Assembly | <input type="checkbox"/> Secondary Welding |
| <input type="checkbox"/> Post-punching/Notching | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Painting | |

Hydroforming

U. Maximum Blank Size:

- Up to 12 inches
- 12.1 to 18 inches
- 18.1 to 30 inches
- Over 30 inches

V. Type of Material Formed and Maximum Thickness Formed:

Aluminum: (*maximum thickness hydroformed*)

- Up to 0.050 inches
- 0.051 to 0.100 inches
- 0.101 to 0.250 inches
- 0.251 to 0.500 inches
- Over 0.500 inches

Stainless Steel: (*maximum thickness hydroformed*)

- Up to 0.050 inches
- 0.051 to 0.100 inches
- 0.101 to 0.250 inches
- 0.251 to 0.500 inches
- Over 0.500 inches

Red Metals: (*maximum thickness hydroformed*)

- Up to 0.050 inches
- 0.051 to 0.100 inches
- 0.101 to 0.250 inches
- 0.251 to 0.500 inches
- Over 0.500 inches

Steel: (*maximum thickness hydroformed*)

- Up to 0.050 inches
- 0.051 to 0.100 inches
- 0.101 to 0.250 inches
- 0.251 to 0.500 inches
- Over 0.500 inches

Nickel Alloys: (*maximum thickness hydroformed*)

- Up to 0.050 inches
- 0.051 to 0.100 inches
- 0.101 to 0.250 inches
- 0.251 to 0.500 inches
- Over 0.500 inches

Exotic Alloys: (*maximum thickness hydroformed*)

- Up to 0.050 inches
- 0.051 to 0.100 inches
- 0.101 to 0.250 inches
- 0.251 to 0.500 inches
- Over 0.500 inches

W. Other Capabilities: (*check all that apply*)

- Assembly & Fab
- Heat Treating
- Machining
- Prototyping
- Welding
- Circle Shearing
- Metal Spinning
- Painting/Polishing
- Rolling
- Deep Drawing
- In-House Tooling
- Press Brake
- Stamping
- Other _____

Small Lot Stamping

X. Operations Performed: (check all that apply)

- | | |
|--|---|
| <input type="checkbox"/> Production Stamping | <input type="checkbox"/> Turret Punch Press |
| <input type="checkbox"/> Draw | <input type="checkbox"/> Laser |
| <input type="checkbox"/> Progressive | <input type="checkbox"/> Press Brake |

Y. Press Characteristics:

Maximum Stamping Press Tonnage:

- | | |
|---|--|
| <input type="checkbox"/> Up to 20 tons | <input type="checkbox"/> 201 to 600 tons |
| <input type="checkbox"/> 21 to 60 tons | <input type="checkbox"/> 601 to 1,000 tons |
| <input type="checkbox"/> 61 to 200 tons | <input type="checkbox"/> Over 1,000 tons |

Maximum Stamping Press Bed Width: (Front to Back)

- | | |
|--|---|
| <input type="checkbox"/> Up to 12 inches | <input type="checkbox"/> 49 to 60 inches |
| <input type="checkbox"/> 13 to 24 inches | <input type="checkbox"/> 61 to 120 inches |
| <input type="checkbox"/> 25 to 48 inches | <input type="checkbox"/> Over 120 inches |

Maximum Stamping Press Bed Length: (Left to Right)

- | | |
|--|---|
| <input type="checkbox"/> Up to 12 inches | <input type="checkbox"/> 49 to 60 inches |
| <input type="checkbox"/> 13 to 24 inches | <input type="checkbox"/> 61 to 120 inches |
| <input type="checkbox"/> 25 to 48 inches | <input type="checkbox"/> Over 120 inches |

Maximum Stamping Press Stroke Height:

- | | |
|---|--|
| <input type="checkbox"/> Up to 2 inches | <input type="checkbox"/> 13 to 20 inches |
| <input type="checkbox"/> 3 to 6 inches | <input type="checkbox"/> 21 to 36 inches |
| <input type="checkbox"/> 7 to 12 inches | <input type="checkbox"/> Over 36 inches |

Z. Value-Added Capabilities: (check all that apply)

- | | |
|--|--|
| <input type="checkbox"/> Prototype | <input type="checkbox"/> Machining |
| <input type="checkbox"/> In-House Tooling | <input type="checkbox"/> Finishing |
| <input type="checkbox"/> Heat Treating | <input type="checkbox"/> Welding |
| <input type="checkbox"/> In-Line Mechanical Assembly | <input type="checkbox"/> Mechanical Assembly |

Washer Manufacturing

AA. Size Range of Parts:

Maximum Outside Diameter of Washers Produced by Your Company:

- | | |
|---|---|
| <input type="checkbox"/> Up to 0.250 inches | <input type="checkbox"/> 2.51 to 5.0 inches |
| <input type="checkbox"/> 0.251 to 0.50 inches | <input type="checkbox"/> 5.1 to 10.0 inches |
| <input type="checkbox"/> 0.51 to 1.0 inches | <input type="checkbox"/> Over 10.0 inches |
| <input type="checkbox"/> 1.1 to 2.5 inches | |

Maximum Thickness of Material:

- | | |
|--|--|
| <input type="checkbox"/> Up to 0.050 inches | <input type="checkbox"/> 0.201 to 0.350 inches |
| <input type="checkbox"/> 0.051 to 0.100 inches | <input type="checkbox"/> 0.351 to 0.500 inches |
| <input type="checkbox"/> 0.101 to 0.200 inches | <input type="checkbox"/> Over 0.500 inches |

BB. Quantities Produced: (Please indicate the “run size” your company prefers to specialize in.)

- | | | |
|--------------------------------|---------------------------------|--------------------------------|
| <input type="checkbox"/> Small | <input type="checkbox"/> Medium | <input type="checkbox"/> Large |
|--------------------------------|---------------------------------|--------------------------------|

CC. Types of Products: (check all that apply)

- | | | |
|-------------------------------|---------------------------------|------------------------------------|
| <input type="checkbox"/> Flat | <input type="checkbox"/> Spring | <input type="checkbox"/> Specialty |
|-------------------------------|---------------------------------|------------------------------------|

DD. Materials Used: (check all that apply)

- | | |
|-----------------------------------|---------------------------------------|
| <input type="checkbox"/> Metallic | <input type="checkbox"/> Non-Metallic |
|-----------------------------------|---------------------------------------|

EE. Value-Added Capabilities: (*check all that apply*)

- | | |
|--|-----------------------------------|
| <input type="checkbox"/> Tool & Die | <input type="checkbox"/> Custom |
| <input type="checkbox"/> Heat Treating | <input type="checkbox"/> Standard |
| <input type="checkbox"/> Plating | <input type="checkbox"/> Catalog |