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Metalworking Case Study
Tampa Brass & Aluminum
Vending Solutions & Tools

Metalworking Case Study



DOCUMENTED COST SAVINGS: **\$8500/YR**

PRODUCT CATEGORY: **Vending & Tools**

REALIZED: **Process Improvements & Labor Cost Savings**

SUPPLY PARTNER:



CUSTOMER PROFILE

Tampa Brass & Aluminum is the premier casting and machining specialist in nonferrous sand and permanent mold castings, precision machining, and mechanical assemblies. An ISO 2000 company that is focused on satisfying the needs of customers by providing the highest quality products, on-time deliveries and service at competitive prices.

THE OPPORTUNITY

Stellar Industrial Supply employees have worked with Tampa Brass & Aluminum for over 20 years, supplying on site support and identifying opportunities for improvement that have resulted in Documented Cost Savings for Tampa Brass & Aluminum year over year. Because of their long standing relationship and Stellar's access to the plant, in 2020 Stellar identified a opportunity and engaged with 3M directly to find a solution to improve their finishing process after casting.

SOLUTION

Stellar and 3M identified a bench grinder with a 3M Scotch-Brite™ disc that would provide great process improvement by reducing redundancy, increasing quality and allow for increased productivity.

RESULT

After getting the new bench grinder installed, Tampa Brass & Aluminum achieved a process improvement for deburring and finishing a casting in 3 minutes verses the 25 minutes it had taken previously as well as reducing rework rate from 20%/month down to less than 1%/month.

STELLAR

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STELLAR

Tacoma - HQ

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Spokane

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Spokane Valley, WA 99206
(509) 532-9100

Everett

1106 Shuksan Way
Everett, WA 98203
(425) 259-9241

Portland

12831 NE Whitaker Way
Portland, OR 97230
(503) 253-3100

Albany

1128 S. Commercial Way SE
Albany, OR 97322
(541) 967-8500

Atlantic City

10 Canale Drive
Egg Harbor Township, NJ 08234
(813) 885-2343

Billings

2504 Overland Avenue
Billings, MT 59102
(406) 896-0066

Denver

13782 E I-25 Frontage Rd.
Unit B-5
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Eagan

990 Lone Oak Road, Ste. 124
Eagan, MN 55121
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Knoxville

3002 Industrial Pkwy W
Knoxville, TN 37921
(800) 232-9366

Memphis

3310 Commercial Parkway
Memphis, TN 38116
(901) 345-6001

Phoenix

1819 W 3rd Street
Tempe, AZ 85281
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Pittsburgh

1 Park Drive
Lawrence, PA 15055
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San Luis Obispo

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Sparks

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Tampa

7020 Anderson Road
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Upland

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Sustaining win-win partnerships for Stellar value.

STELLARINDUSTRIAL.COM