

DIRECTORY

NOV 2020

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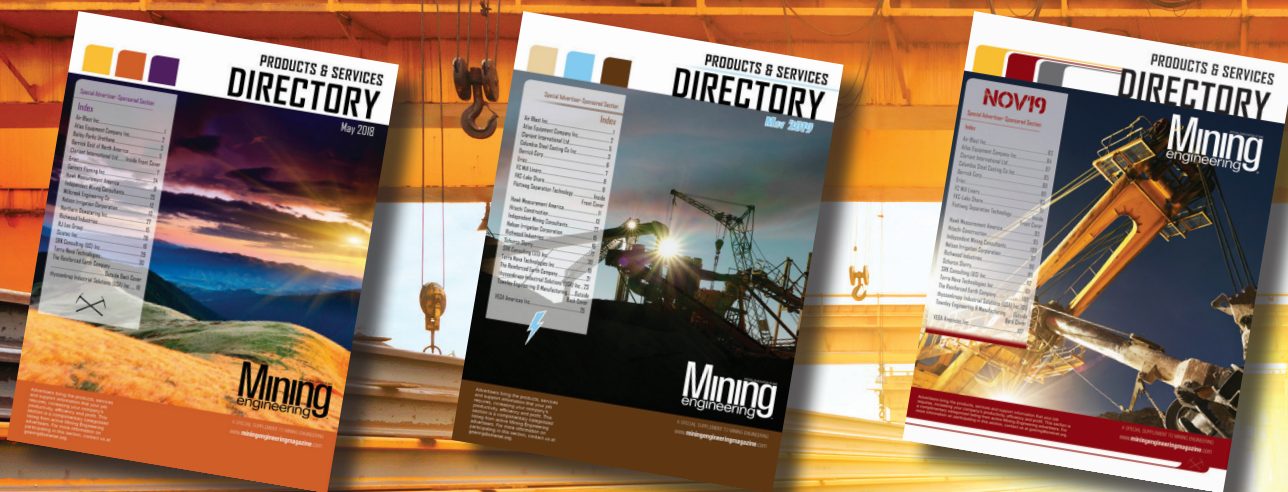
Mining Engineering Products & Services Directory

The **Products & Services Directory** will be published inside the May issue of **Mining Engineering**, and as a stand-alone publication distributed with the December edition of **Mining Engineering**.

The information in this directory can be found online at me.smenet.org throughout the year. We will also promote this directory in our eNews Newsletters throughout the year.

In addition, The **Products & Services Directory** will be published as a stand-alone publication and will be distributed throughout the year at trade shows and training events.

To have your Products, Services, or Consulting expertise featured in this directory, please contact Gary Garvey at garvey@smenet.org, or call 303.948.4243.



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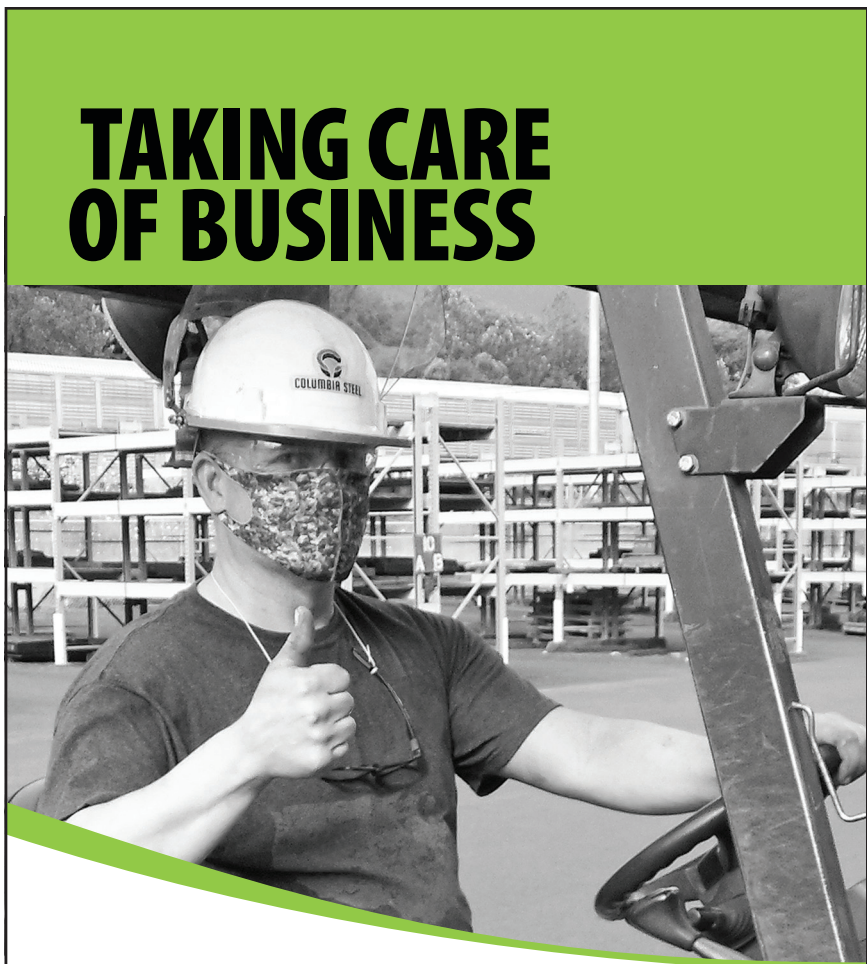
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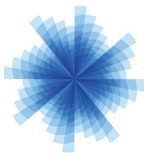
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Townley Engineering & Manufacturing Company www.townley.net

Townley Engineering & Manufacturing Company was founded in 1963 by J. O. "Jake" and Helen Townley and soon grew to be known as a pioneer in the application of polyurethane wear parts for mineral beneficiation in the mining industry. From the beginning their mission was simple, "to serve God is to serve man", and they acknowledged God in every aspect of their life and business. Today, Townley serves the global needs of the mining, dredging, and energy industries from five manufacturing locations across the United States. Throughout the years, new manufacturing technology was added to the company to produce large bore rubber hose from 4" to 60" diameter up to 50 feet in length, expansion joints and a variety of rubber compounds for lining of piping systems and other process equipment. In 1982, Townley established a foundry operation which has today grown into one of the largest alloy white iron foundries in North America, producing a full range of High Chrome Irons, Ni-Hard and Chrome Moly Irons. Townley specializes in pump parts from 200 lbs. to more than 30,000 lbs. in weight, with parts for many common slurry pumps readily available. We also produce gate, knife gate and butterfly valves from 3" to 96", MSP electro submersible pumps, hydrocyclones, Towniprene rotors, stators, diffusers, impellers, cell bottoms, dart valves and gaskets. Townley adds value by developing new solutions to ongoing wear problems with material and product innovations. Our focus remains today on finding ways to serve our customers with the ultimate goal of reducing their overall cost of operations.

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The Mining Engineering Department has been serving the Mining Industry for over 100 years, providing high quality education of mining engineers, impactful research and industry collaboration. In addition financial support is available to qualified students through the Browning Scholarship during their undergraduate degree <https://mining.utah.edu/scholarships/the-browning-scholarship.php>. Graduate student education provides mentoring and financial support through research projects designed to improve technologies and approaches for more effective and sustainable mining. Our goal is to prepare graduates to work in any area of the mining industry, disseminate newly acquired knowledge via publication of original research, provide professional service to the mining industry and public to assist in the environmentally responsible and safe extraction of mineral resources, and inform the public at large about the importance of mining to society.

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Key Benefits



Rapid
Return on
Investment



Low
Total Cost
of Ownership



Up to 3X
Increase in
Capacity*



Increase
in Product
Recovery*

*Compared to Derrick's
5-Deck Stack Sizer®

Maximizing Resource Recovery



High Capacity, High Efficiency Fine Sizing

- Maximize Product Value and Recovery
- Cost Effective Silica Reduction Down to 53 µm
- Consistent Product Quality

Pipeline Protection

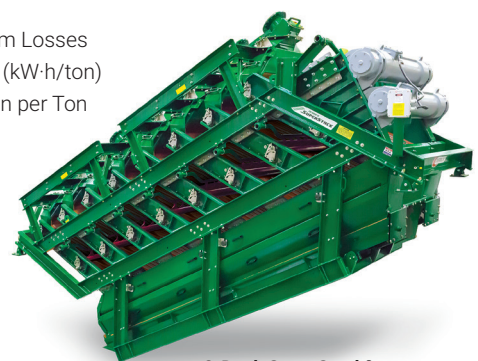
- 100% Top Size Control down to 100 µm
- Reduce Maintenance and Wear
- Lower Total Cost of Ownership

Increase Grinding Classification Efficiency

- Increase Recovery with 80% Reduction of -10 µm Losses
- Up to 50% Lower Specific Energy Consumption (kW-h/ton)
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