



QUADRO

the

INDUSTRY LEADER

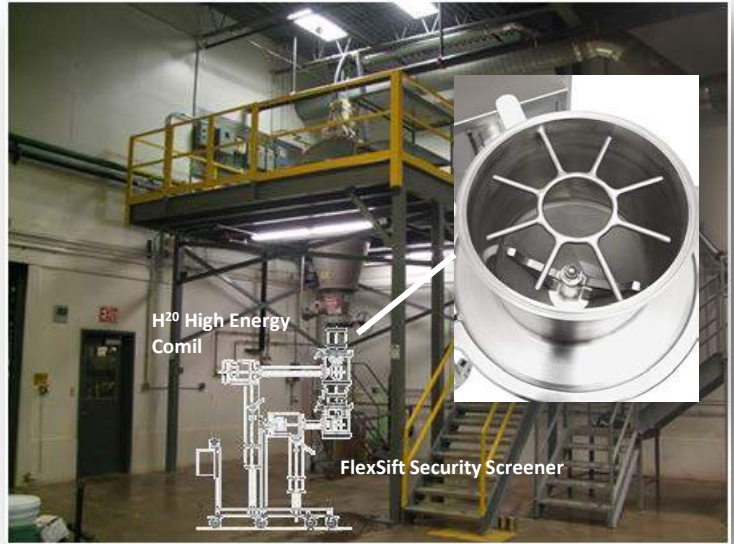
in process and size
reduction equipment

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H2O Comil®



H2O High Energy Comil®



Sample Installation Showing a Stack-up In-line Design High Speed Comil/FlexSift for 250 to 400 kg/hr Pigment Deagglomeration

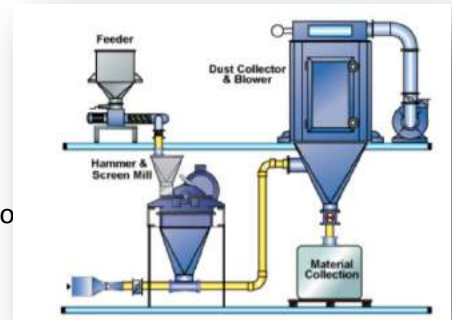
COSMETICS DEAGGLOMERATION TECHNOLOGY

THE CHALLENGES

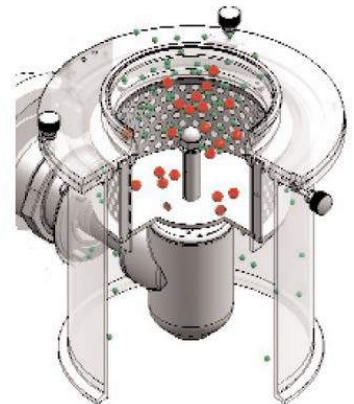
- Provide in-line cosmetic powder deagglomeration equipment suitable for a number of products with varying oil percentages, without use of pneumatic conveying equipment ancillaries
- Concurrently, security screen final product for potential impurities, within a reduced footprint
- Address hammermill propensity to screen breakage (and mitigate loss of complete batches worth tens of thousands of dollars)

THE SOLUTION

- Installing a stacked High Energy Comil® over a FlexSift S20 security screener allowed customer to deagglomerate its cosmetic pigments, successfully achieving 250 to 400 kg/hr
- Integrated, in-line configuration strategically facilitated five hammermill replacements (and associated air handling systems)
- Freed-up space allowed installation of three more lines without significant CapEx
- Cleaning times reduced from 4 hours to 1 hour, per line
- Eliminated cross contamination and worker dust/noise exposure



Traditional Hammermill with Pneumatic Conveying Ancillary Equipment



Quadro FlexSift Security Screener: Captures Impurities at Very High Throughput Rates