



*Oliver*TM

Processing for a more productive planet.

Innovations & Accessories



Contentets

Maxi Cap Platinum Technology Update

Check out the update that will save you time, money, and frustrations!

End Raise Worm Jack Screw

Looking to find a way to adjust your machine without the hassle, this is your solution.

Accessories

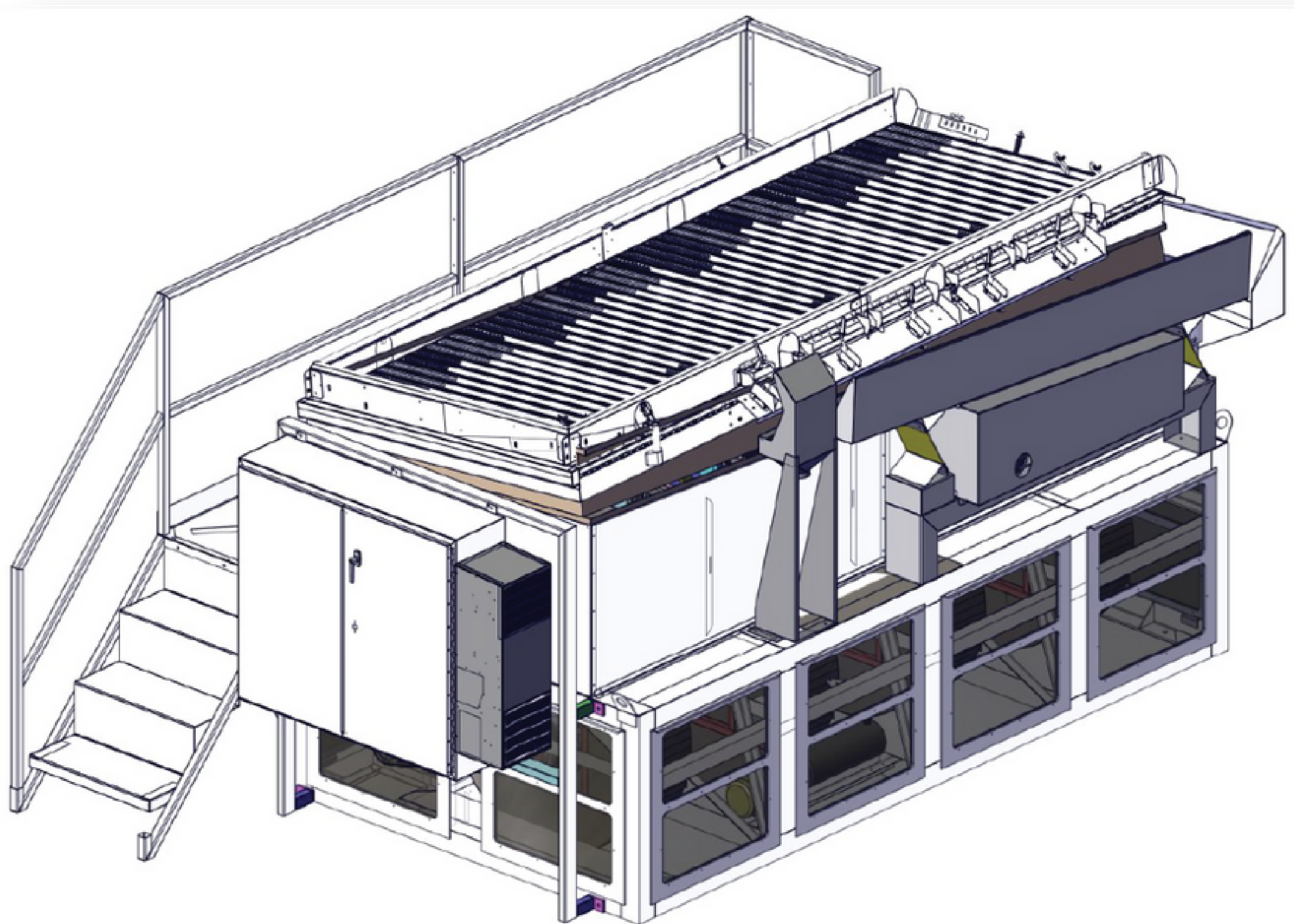
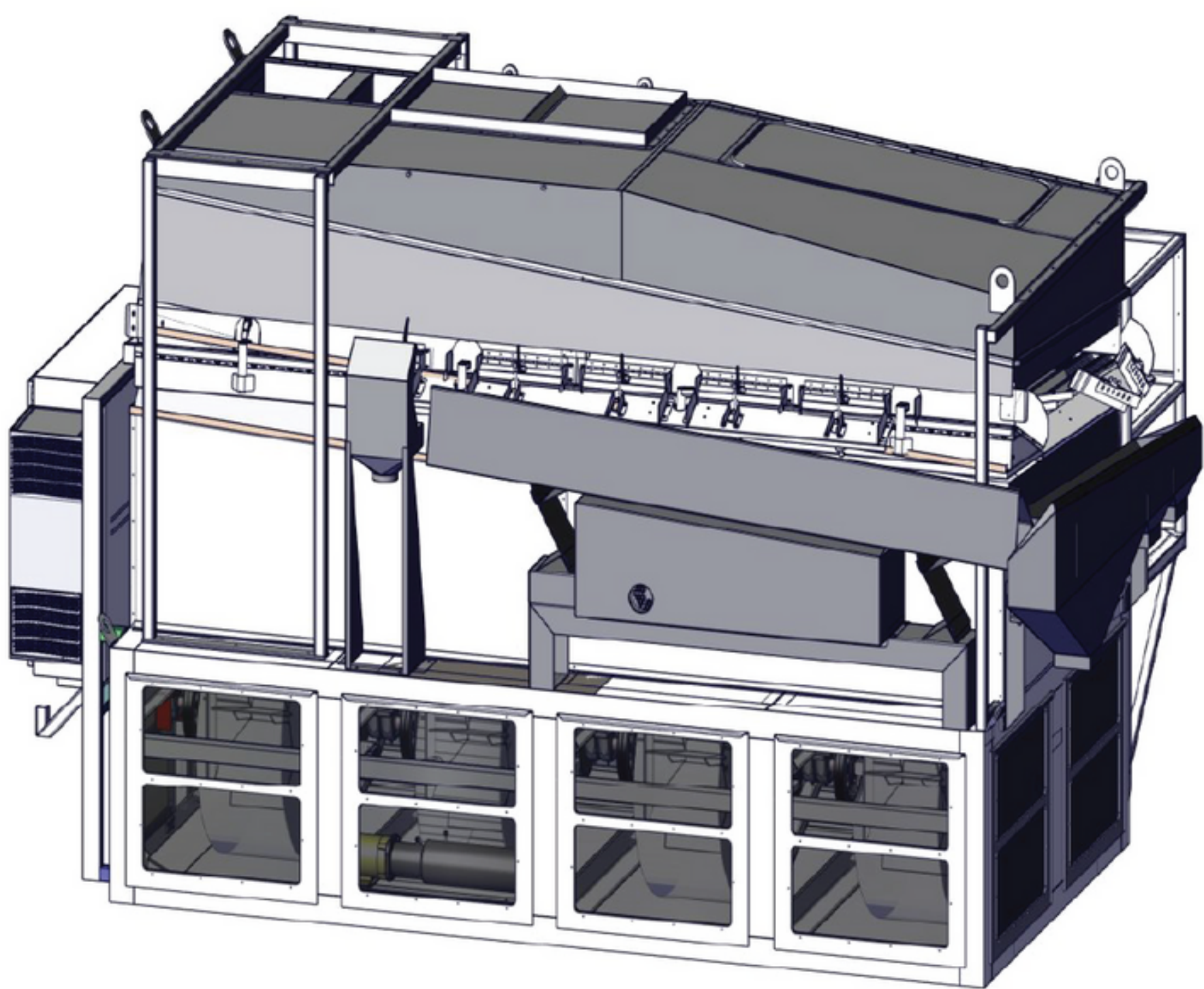
What can you add to your machine to make it better?

Maxi Cap Technology Upgrade

This upgrade provides you with the ability that if one VFD goes out, you have a back up ready to replace it; without it you will have to wait for your VFD back ups' for weeks or not be able to replace them at all due to the fact that the old system is no longer provided. The updated drives will come pre-programmed to work on your existing machine model. In order to extend the life of your machine or avoid unanticipated issues you can have the HMI, PLC, and VFD newly installed and have the added benefit of an HMI Touchscreen with a controls cabinet that has air conditioning and remote access for trouble shooting help.



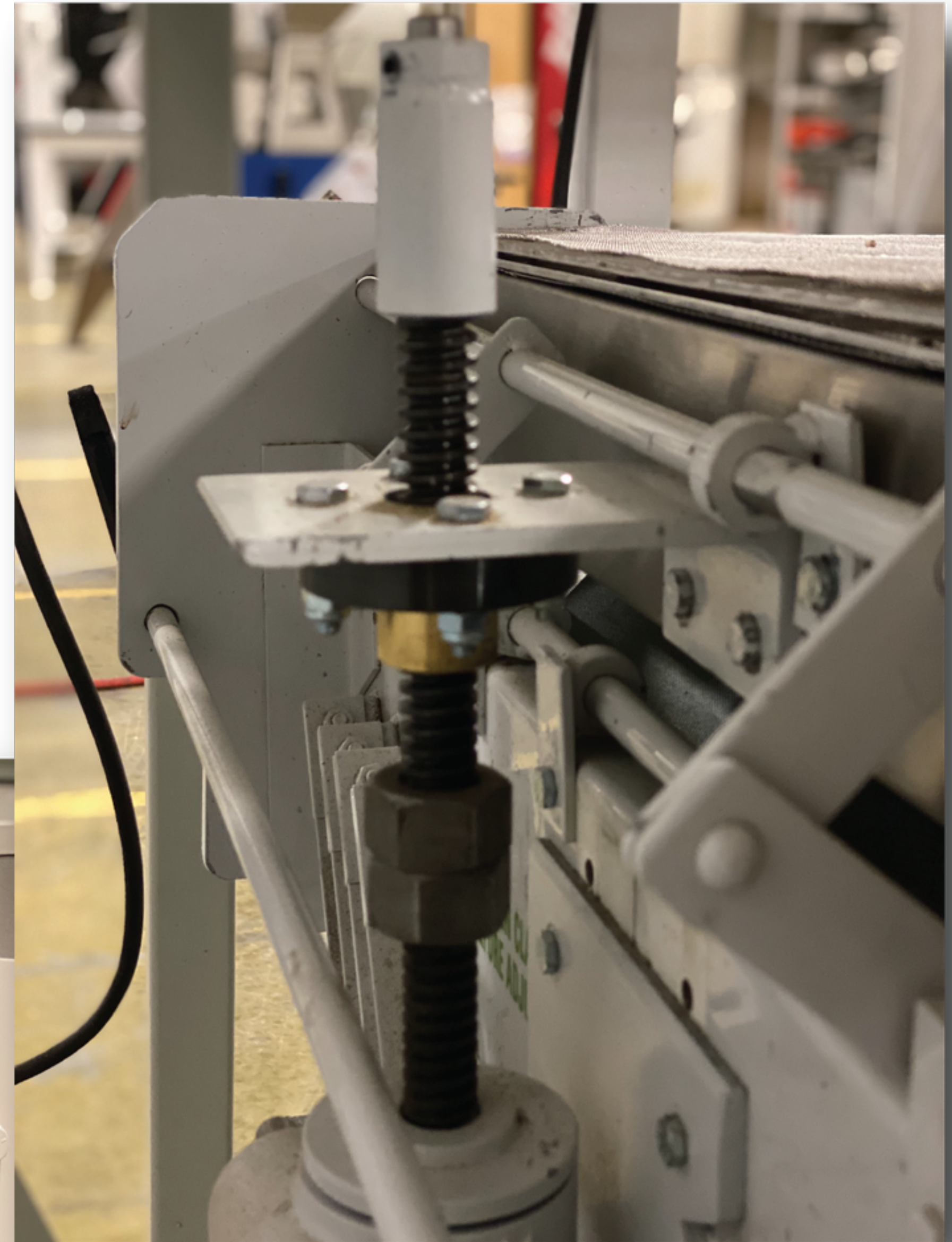
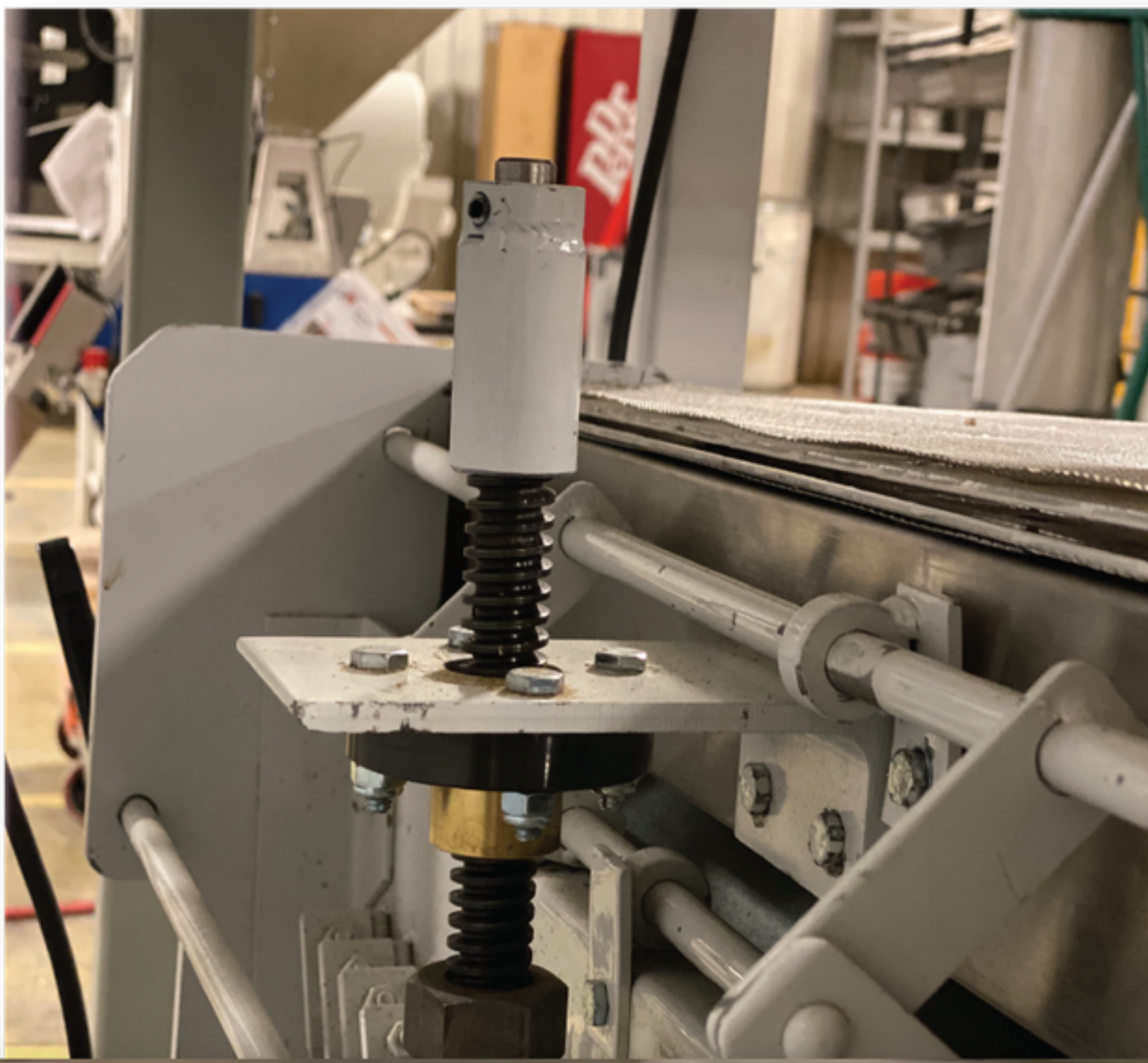
This offering includes complete HMI / PLC control of all adjustments to the gravity table with independent fan zones that are VFD controlled allowing precise control of the air across the deck to weigh and stratify the product being processed. Fine, incremental control of the side tilt and deck shake, combined with precise fan to fan zone control, make for the highest quality separation of product by density available in the market. To maximize capacity while maintaining the highest quality separation, the Voyager and Platinum series provide precise incremental control of the feed rate and the deck end-raise. As a result of the HMI/PLC combination, operators can save recipes based on incoming product characteristics, such as seeds per pound, to immediately get to the last known optimal settings for their product greatly reducing set-up time and good seed loss. Will your existing Maxi-Cap machines benefit from this technology? While many customers have simply replaced the older Maxi Cap with a Platinum Series machine, some installations do not allow for an easy remove and replace. Recognizing the benefit of Platinum Series technology and the complexity and difficulty with replacing machines with new machines, we have produced this alternate option. A complete retrofit upgrade to convert existing Maxi Cap gravity tables to the Platinum Series for less time and money. Contact Oliver for your plant assessment to see if this solution is the right fit for you.



End Raise Worm Jack Screw

Get a better system for end-raise performance from the feed end to the discharge end of your Hi Cap Gravity machine with the improved end raise worm jack screw. Now with just the twist of a handle and movement of a couple clamps, you can easily adjust your end-raise to do the following:

- Keep depth of material from becoming too thin or too deep
- Produce a higher quality of seed due to more or less exposure
- Increase the end raise for a greater flow rate and less exposure time for the seed

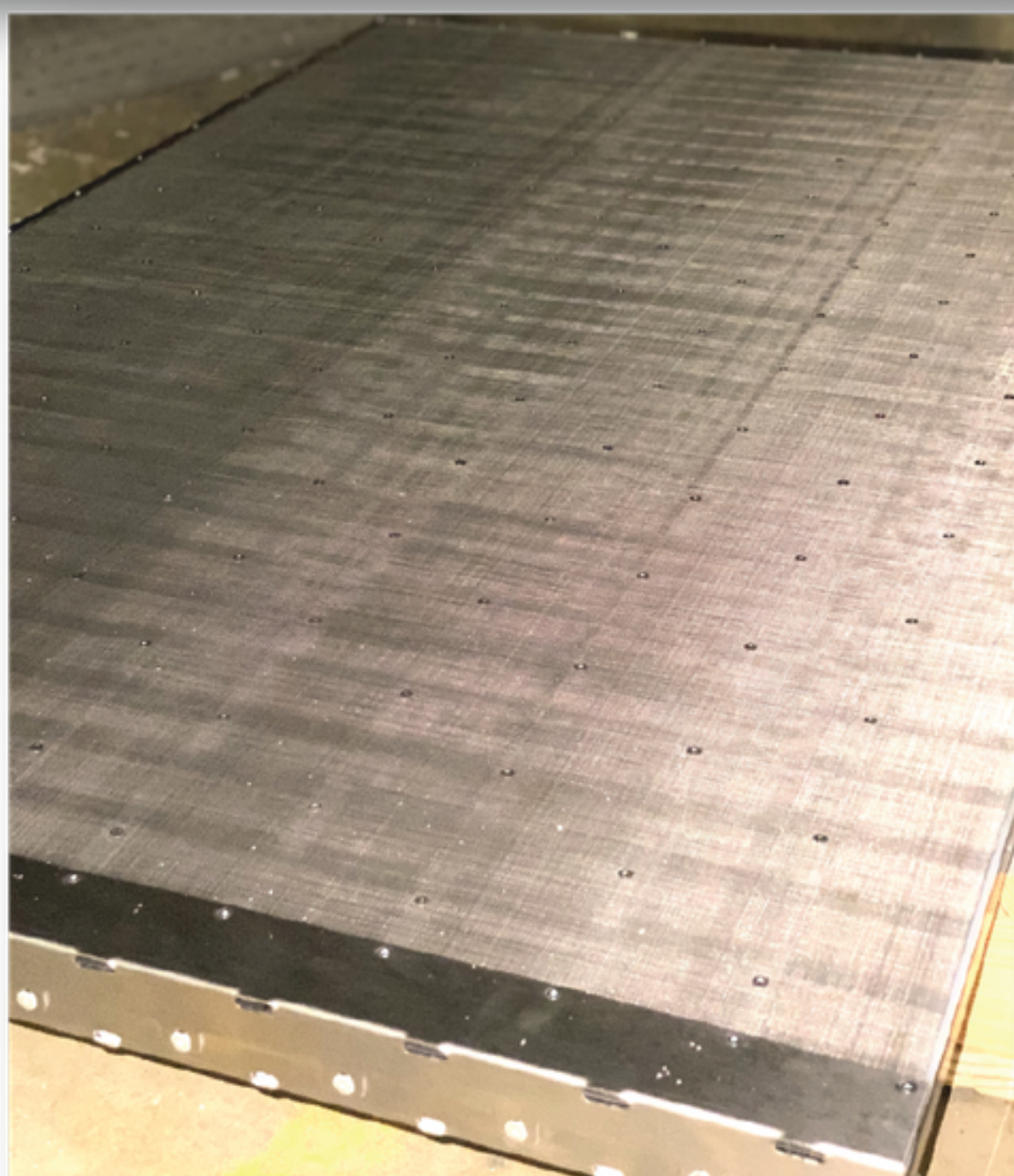
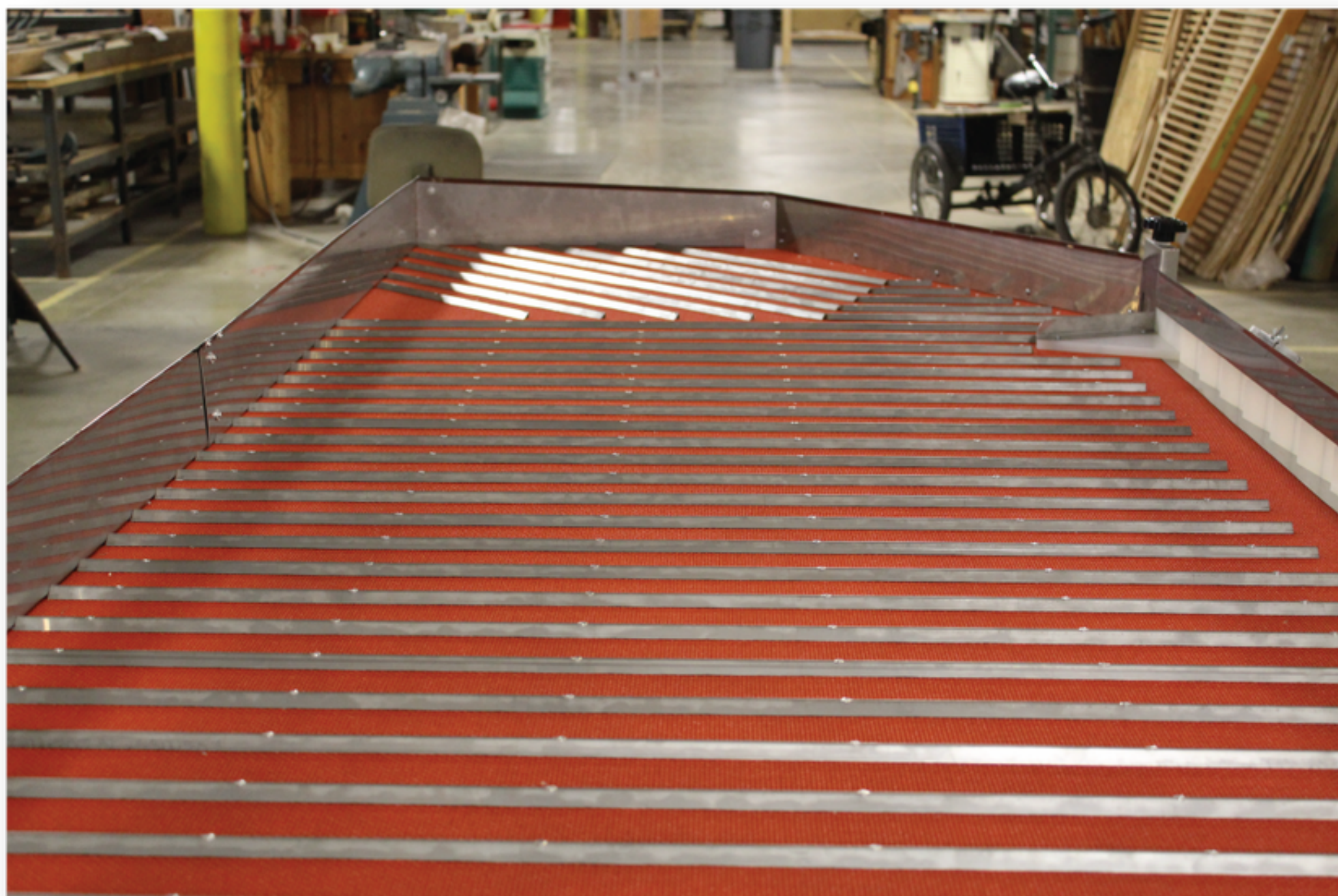
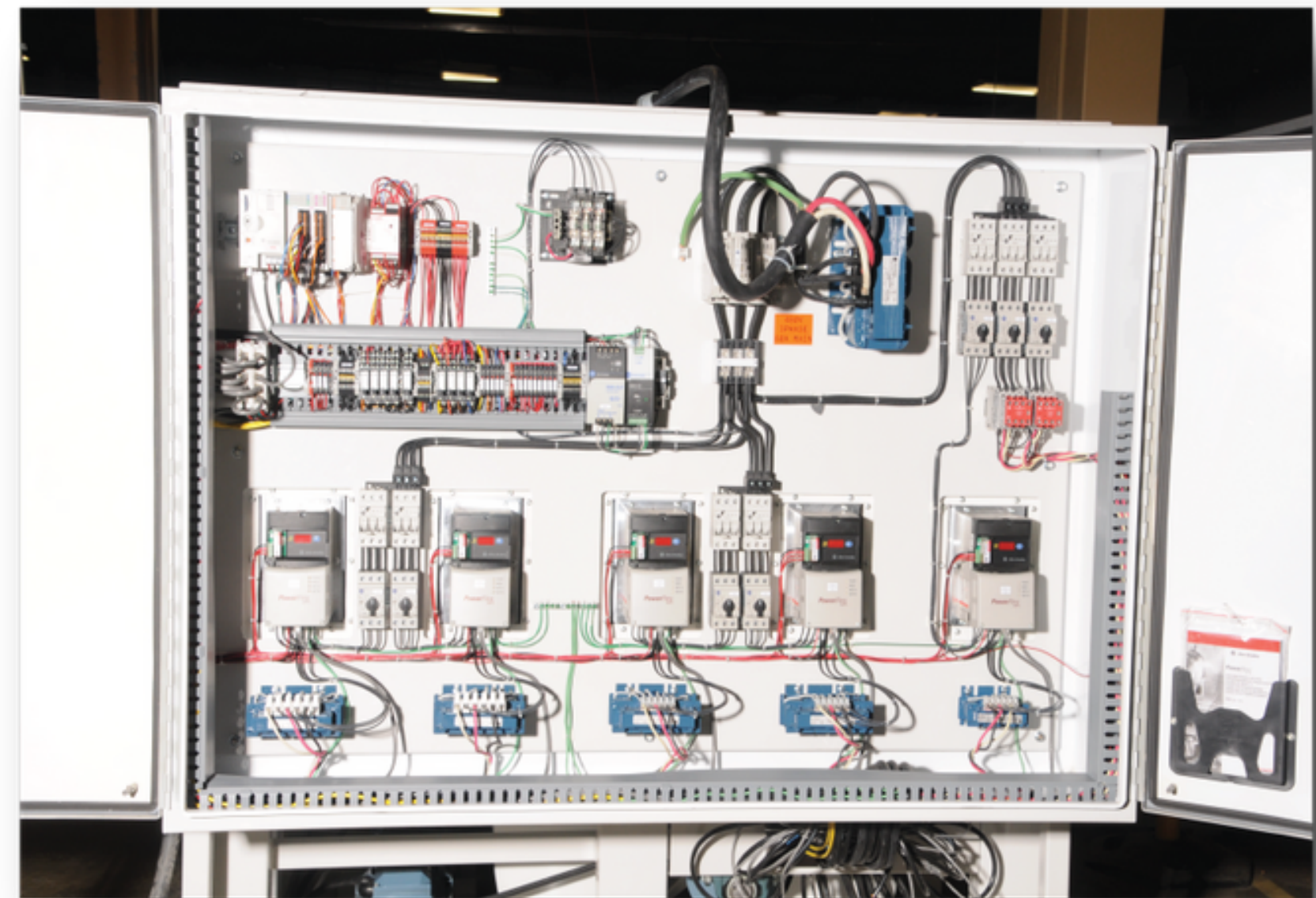


Accessories

Due to our Constant Improvement process, every Oliver part order and machine can be unique. So that we can assure a perfect fit between the two, we make it our policy to confirm on exactly what model machine your new accessory will be installed. To ensure a perfect match and optimal performance, we ask that you contact us personally with all orders.

ELECTRICAL PANELS & JUNCTION BOXES

Suited for all standard machines, these concentrate all electrical components which may include breakers, motor starters, VFDs, fuses and PLCs in a single disconnect. Available in a wide variety of voltages to meet any needs worldwide. Significantly saves on time and expense.



Modular Decks

Replacement Oliver decks for dryers and larger separators are available in assemblies of two or more smaller sections. Modular decks which replace units originally manufactured in a single piece consist of up to five panels in varying lengths. Featuring substantially heavier aluminum and stainless deck rail set and clamping, these are ideal replacements for worn decks. Ideal for tight installations where narrow spaces between machines and walls make disassembly for cleaning, repair or switch out and storage difficult or impossible. Also allows easier and more cost-effective product processing switch over between different products when particle sizes vary widely, and facilitates easier shipping for repair or maintenance. Makes deck removal a single person job. Smooth seams provide continuous flow of product.

FLUSH MOUNT FILTERS

Cleaner, more compact, non-protruding filters fit older machines with very minor attachment modification. Flatter design installs into existing cutout to reduce damage that can cut airflow and compromise performance, can leak impurities or create dead airflow spots. A heavier, better built unit with stainless steel screen replacing brass. Bolt hold downs replace hand screws to meet safety guidelines to cover motors and belt drives. Comes standard on all new Oliver machines. Retrofittable on all older machines.



DECK RAILS WITH HORIZONTAL RELEASE GATE

For Hi-Cap Gravity Separators

Replaces old style pivot gates with long horizontal gates that are controlled from the operator side of the machine. This updated design releases material from the heaviest part of stratification. These introduce vertical separation, and no longer require walking around the machine to adjust. A cleaner design for more functional and efficient separation across a larger cross section of material flow.



VFD CONTROLS

For Hi-Cap Gravity Separators

Variable Frequency Drives introduce adjustability to all air fans. Incremental motor adjustment can add an infinite degree of fine-tuning to any separation process. Adjustments are made with super accurate digital readouts as a percentage of maximum speed. The electronics are housed in a dust-tight, wash-down enclosure that meets NEMA 12 ratings, and programmed at the factory for out-of-the-box use.



CORNER CUTOFF PLATE

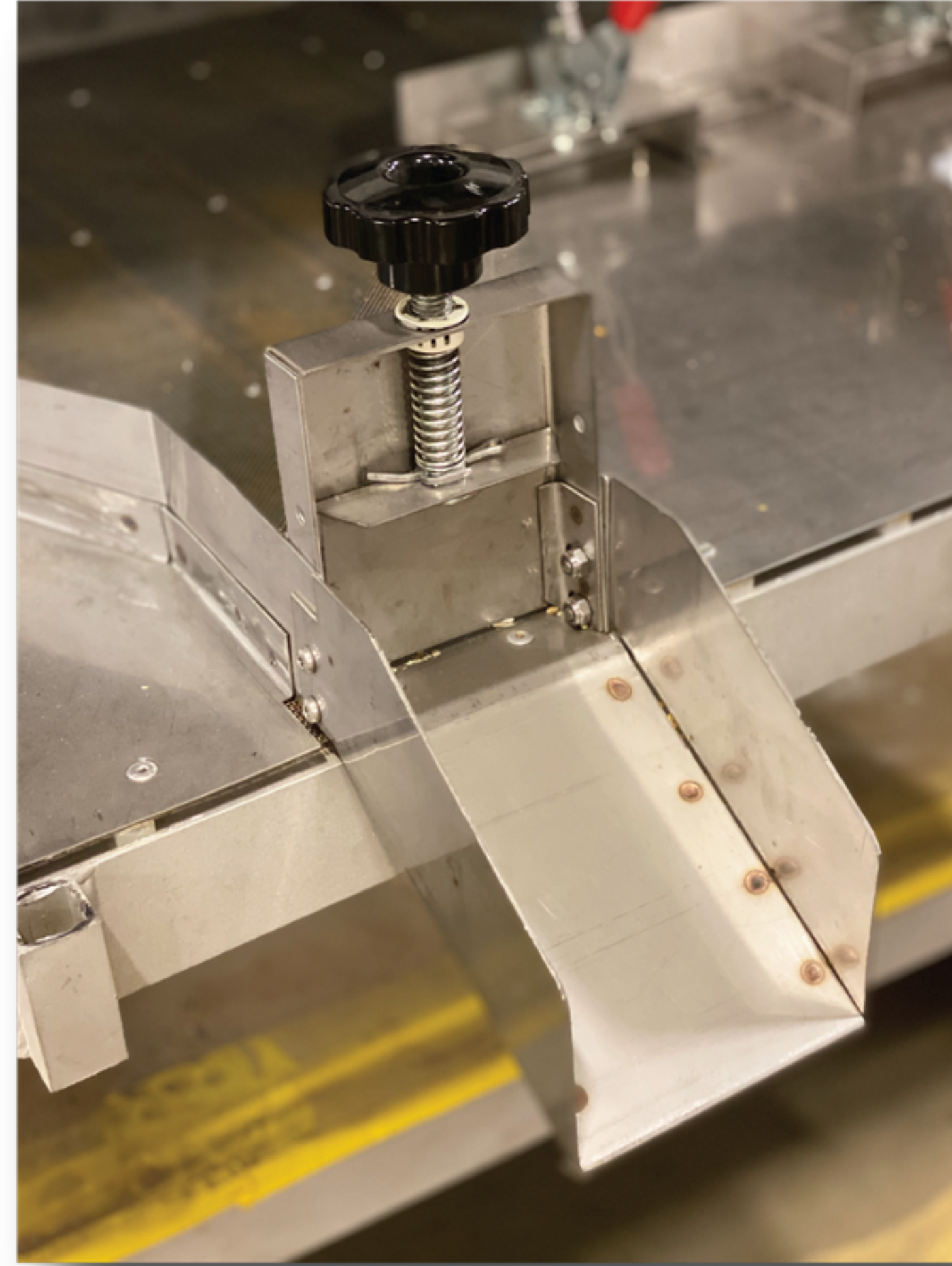
For Maxi-Cap Gravity Separators

Triangular stainless steel plate that fits in the feed end, high side corner. Improves product distribution and better manages airflow for more effective separation. Standard on new models and easily retrofittable to models in the field.



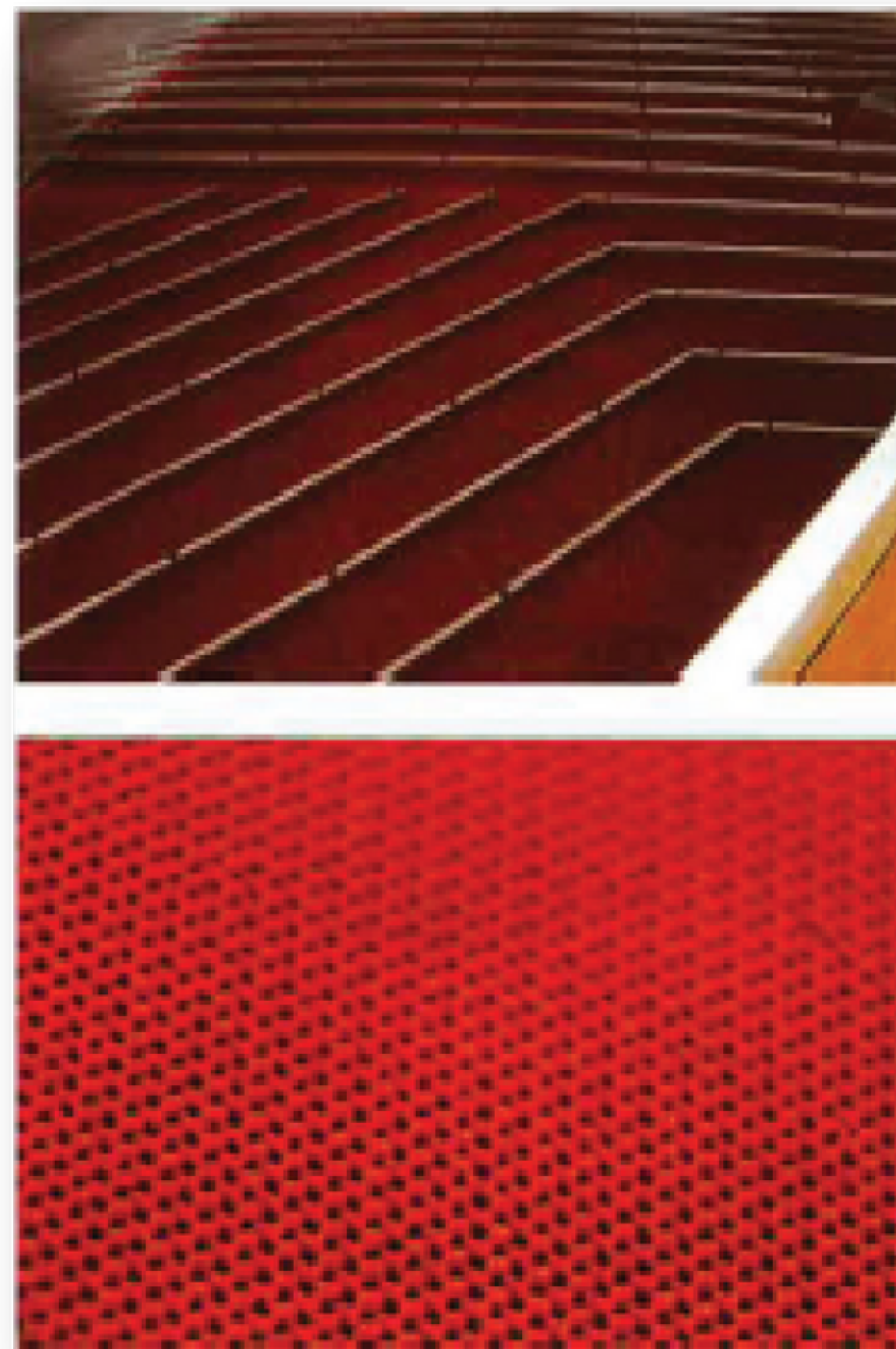
DISCHARGE GATES/ ROCK TRAP

Heavy contaminants side discharge gate allows precise metering of heavy discharge and easy periodic flush (discharge) of heavy material accumulating in rock traps or on the high side of the machine. The spring-loaded design can be operated with an adjustable wheel for raising gate to allow discharge. Alternately, the wheel can be left closed and the slide can be manually lifted against the spring. Infinitely adjustable for particle size. Available for all Hi-Cap Destoners and Gravity Separators.



COATED OVERCOVER

A more aggressive separation surface with better process performance and up to five times longer wear compared to the standard steel deck overcover. The coated overcover gives your Gravity Separator or Destoner better traction between the screen and product, increasing performance efficiency. For improved performance on both agricultural commodities and industrial materials.



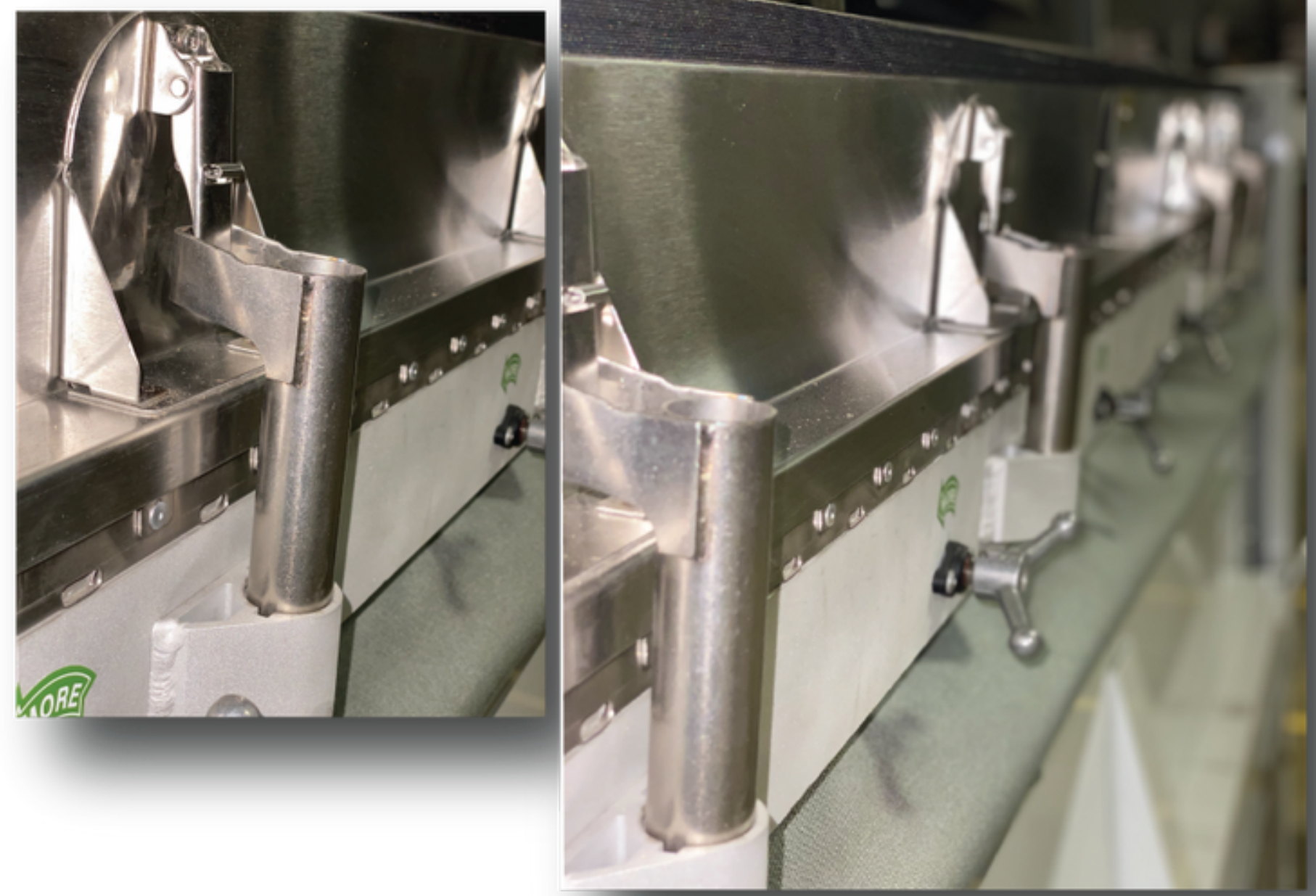
DECK HOLD DOWN

An easy-to-install swivel T-bolt and slotted angle that replaces a small clamp and clip. A great improvement over the old spring clip deck hold down system, and already proven on our Maxi-Cap series. Also available on Hi-Cap machines, when upgrading to new aluminum deck carriage. Available for Hi-Cap Gravity Separators and Destoners with wood decks.



UPGRADED DECK CLAMPING SYSTEM

This newly designed system connects carriage to deck with stronger Voyager-style technology that is less susceptible to structural fatigue. Features aluminum tubing construction with standard half-inch bolts that are popularly available over the counter.



SQUARE-TO-ROUND DISCHARGE TRANSITIONS

Converts stock square discharge outlets to round outlet. Allows your plant's round spouting to attach directly to your Oliver machine. Available as individual retrofittable pieces. Offered in 4" and 6" sizes.



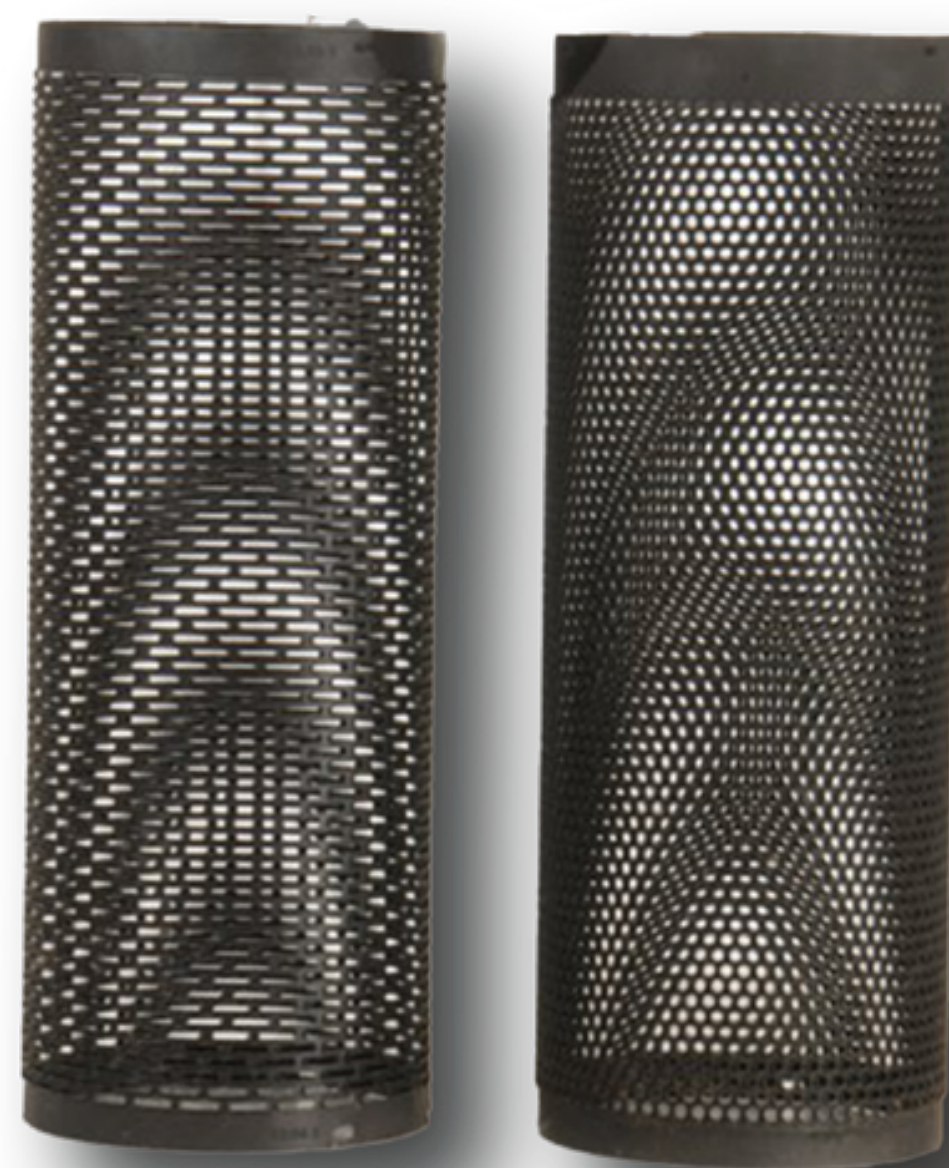
DUST HOODS

Enclose the entire separation deck, and remove all liberated dust from the product flow. Both partial and complete dust hoods must be connected to an in-house dust control system. Since a balance must be achieved between the hood exhaust air and the airflow required for separation, we include built-in exhaust air adjustment controls for precise balance of the incoming and exhaust air volume. Internal illumination simplifies visual inspection.



SCREEN CYLINDERS


Heavy high-performance conical round and slotted sized screen cylinders provide superior performance to all other sizing screens. Advanced design, more accurate slot pitch and extremely high tolerance manufacturing creates screens that outperform all others. Standard units will fit Carter Day machines.



ROLLER CLEANOUT SYSTEM

Patented hard plastic roller system to positively dislodge particles from the screen. Available for manual operation or as an automated pneumatic control system. Retrofittable to all older Size Right equipment and Carter Day machines.





From our sole manufacturing plant and headquarters in Colorado, Oliver has built a worldwide reputation for outstanding hardware and dedicated, responsive service.

Whether you're upgrading existing equipment or would like increased ease of operation from the first day you purchase your new equipment, expect the best from your Oliver equipment upgrades and accessories.

For more information please contact us directly at any of the numbers below.

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