

ROCKET™ WET SEPARATOR

ADVANCED AUTOMATED SORTING OF HIGH AND LOW DENSITY C&D MATERIALS



MAXIMIZE DIVERSION RATES. DRAMATICALLY REDUCE LABOR COSTS. INCREASE SEPARATION CAPACITY.

LAUNCH A NEW LEVEL OF SEPARATION EFFICIENCY AND PROFITABILITY.

Automated separation has arrived on the C&D scene, giving heavy-duty C&D waste recyclers the competitive opportunity to significantly increase landfill diversion rates, step up productivity and cut costs.

For cost-effective separating of high and low density materials, Krause Manufacturing offers the patented Rocket™, the next-generation in wet separation technology. This innovatively simple process combines a proprietary rotating drum with high-velocity water propulsion to sort rocks from wood at extremely high rates. Durable and reliable, the Rocket™ virtually eliminates hand-sorting, provides the highest throughput, saves money and adds to profits.

AN EASY FIT.

Both compact and heavy-duty, the Rocket™ can be easily integrated into any C&D recycling separating operation. Whether you are adding to your existing system, or building a newly designed facility, Krause Manufacturing will engineer and build a Rocket™ to meet your heavy-duty requirements. And as with all Krause equipment, you can count on fast delivery, efficient installation and rapid response to any questions and concerns.

KRAUSE MANUFACTURING—THE QUALITY AND VALUE LEADER.

Krause is the leading manufacturer of heavy-duty automated C&D recycling systems, with a twenty-year reputation built on top quality, unequaled durability and superior customer service.



ROCKET™ WET SEPARATOR

A HIGHER RETURN-ON-INVESTMENT—AUTOMATICALLY

HIGH-VOLUME, LOW-MAINTENANCE WET-SORTING.

The Rocket™ automatically separates the large quantities of rock and wood typically found in C&D debris. Materials are introduced into a horizontal drum, which is partially filled with water and rotated by a hydraulic drive system. The rotating cylinder augurs the high-density material onto a paddle system, which moves it above the waterline and expels it out of the drum. High velocity jets positioned within the drum, and facing the infeed end, shoot water creating a river that washes the wood and other floating debris back out the in-feed end of the drum. A water reclamation system collects and stores the water for reuse, limiting the need for disposal and decreasing costs.

FEATURES AND BENEFITS

- ⌘ Allows for the automatic separation of heavies and lights.
- ⌘ Processes up to 60 tons per hour of material.
- ⌘ Extremely low maintenance.
- ⌘ Reduces man-hours.
- ⌘ Patented design delivers the highest throughput.
- ⌘ Compact design for easy integration into any C&D recycling system.
- ⌘ Rugged, heavy-duty construction, super-reliable operation and long machine life.
- ⌘ Fast installation and guaranteed rapid customer service response.
- ⌘ Designed, engineered and manufactured 100% in the United States by Krause.



WOOD DISCHARGE FROM ROCKET



CLEAN WOOD & ROCK FROM ROCKET



PRE-SORT INFEEED CONVEYOR

THE ROCKET™

United States Patent 6,378,704

Our commitment to R&D means that Krause is constantly leading, raising not only the technology bar in the industry—but most importantly—separation efficiency for our clients. Our engineering expertise delivers automated C&D systems that perform at optimum capacity and reliability, now and in the future.



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