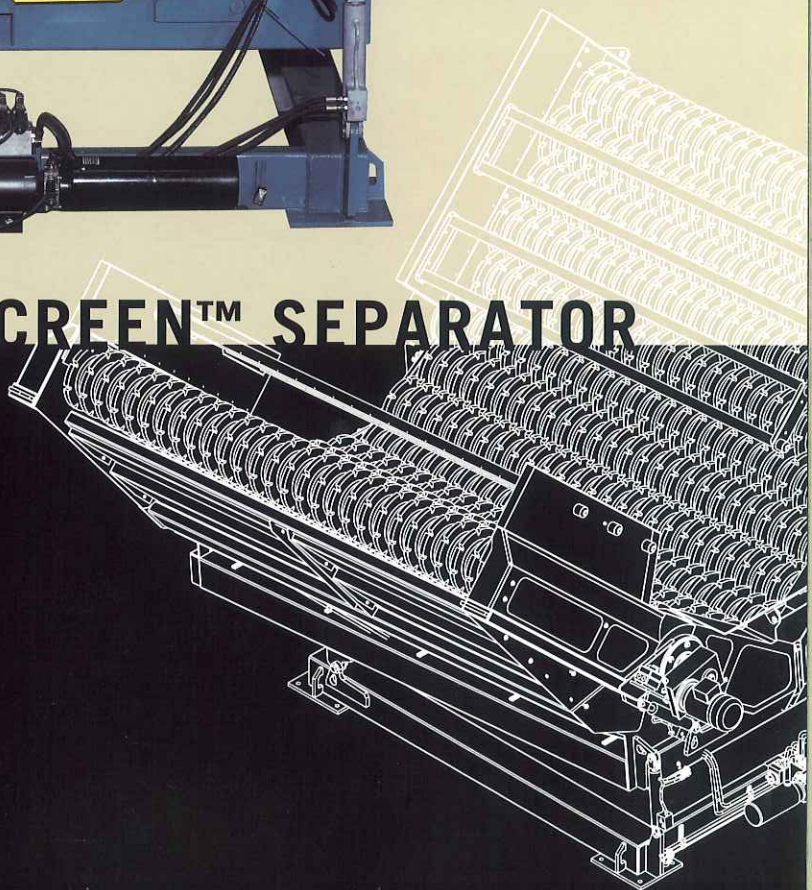


V-SCREEN™ SEPARATOR

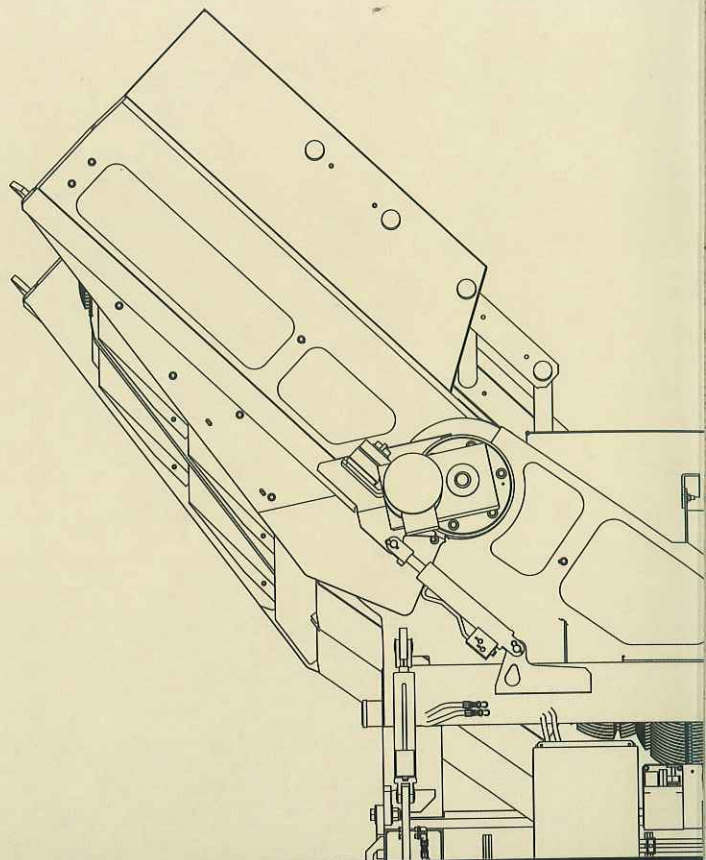
CP MANUFACTURING



MATERIAL RECOVERY FACILITIES

THE MOST ADVANCED CONTAINER/PAPER SEPARATION IN THE INDUSTRY.

Twice the throughput. Up to three times the effective screening surface. Reduced labor costs. Easier, safer maintenance. The cleanest container stream in the industry. CP Manufacturing's patented V-Screen™ Separator is a ground-breaking technological advancement that has literally changed the shape of single-stream processing. For ultimate efficiency in separating rigid containers from mixed paper, the undisputed leader is now the V-Screen™ Separator from CP Manufacturing.



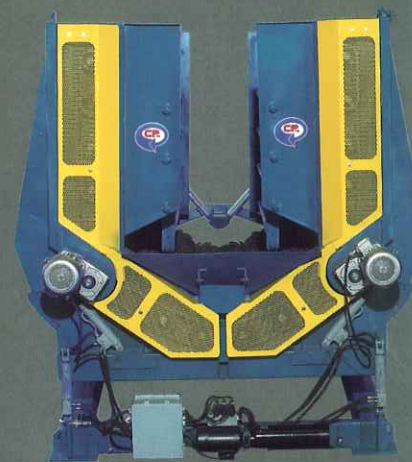
Dual decks, double throughput

BENCHMARK FOR SEPARATION EFFICIENCY.

CP's revolutionary V-Screen™ technology brings the industry into a new era of separation efficiency. Two separating decks angled in a space-saving trough configuration provide up to 300% more effective screening area than any other screen—in less floor space! This increased screening capacity combines with CP's patented disc screen technology, traction-control air systems, multiple screen-angle adjustments and an improved container egress path to deliver the best screening, less glass breakage and the most efficient sort possible. The result: a new benchmark for high volume and clean separation.

MAXIMUM DEPENDABILITY AND EASIER, SAFER MAINTENANCE.

The V-Screen's™ unique dual decks fold vertically to allow for easier, safer maintenance access. And maintenance is minimal, because CP's patented compound disc technology provides maximum separation with minimum upkeep. Newly improved discs last up to three times longer than other discs on the market and have a higher co-efficiency of friction than ever. CP's discs do not need to be clocked or timed to interlock properly. You'll see additional reductions in maintenance costs with other elements of the system: easily removable shafts that require little or no cleaning; a heavy-duty structural frame; and the most rugged, durable conveyors in the industry designed specifically for this job.



Decks fold vertically for easier, safer maintenance

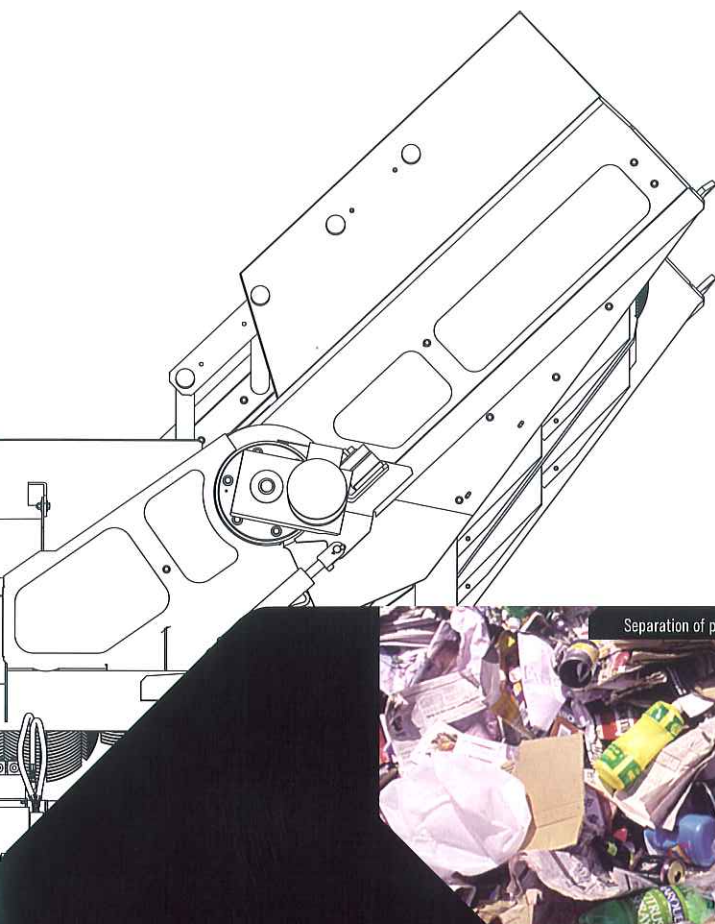


FIELD TESTED, PERFORMANCE PROVEN, 4TH GENERATION DESIGN.

Like all CP single-stream processing equipment, the patented V-Screen™ Separator was designed, built and tested in our own plant and MRF, with 100% control of every phase. No other manufacturer offers this critical step. Whether you're setting up a new facility or integrating this new technology into your existing plant, CP assures you of maximum field-tested efficiency, greatest throughput, reduced operating costs and high-quality end products.

THE BEST EQUIPMENT FOR THE JOB.

CP Manufacturing has put its operational experience and engineering expertise to work to give you what no other company can—cutting-edge single-stream technology that delivers the most advanced container/paper separation efficiency in the industry. MRF operators, container processors, waste haulers and municipalities throughout the world have benefited by adding CP technology to their operation. You can, too. Contact us today.



Separation of paper from rigid containers

Newly improved patented disc technology

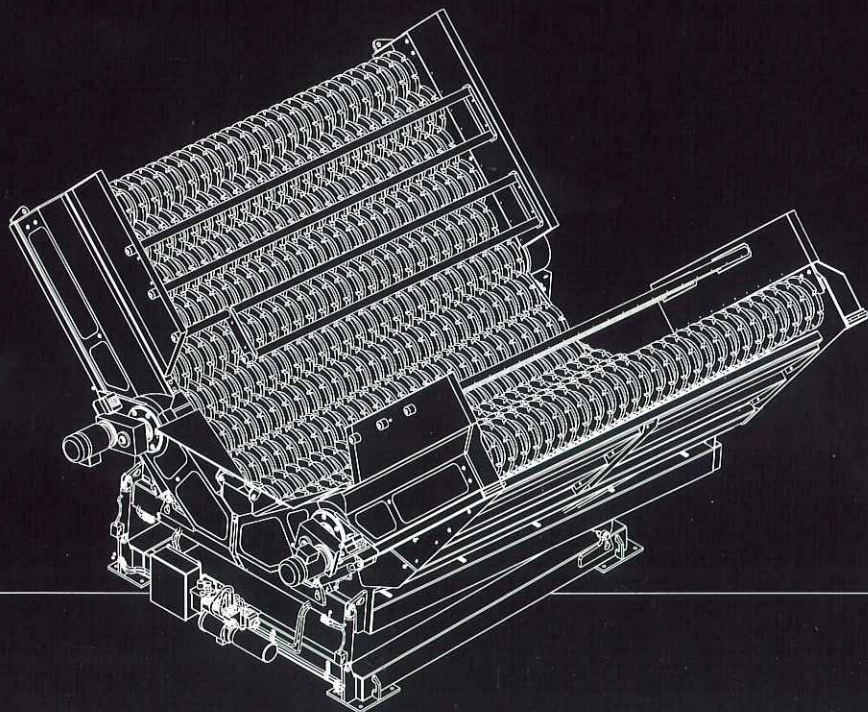
CP MANUFACTURING

On the leading edge of single-stream technology

Since CP Manufacturing introduced the world's first automated aluminum can recycling equipment in 1976, we have made it our business to anticipate the needs of the waste management and recycling industry and develop solutions for its future. We have built more than 200 MRFs worldwide that work day in and day out at top productivity and cost-effectiveness, and are recognized industry-wide for our superior separation technology.

CP Manufacturing applies that technology to the engineering and production of state-of-the-art facilities, designing ultra-efficient, ultra-dependable separating and processing solutions for MRFs around the world.

No other company offers more. So why settle for less?
Depend on CP Manufacturing.



V-SCREEN™ SEPARATOR

DESCRIPTION

The patented V-Screen™ Separator utilizes dual separating decks in a ground-breaking trough configuration and patented disc screen technology to automatically separate all types of paper from rigid containers, as well as small glass, dirt and debris, with maximum efficiency and cost-effectiveness.

BENEFITS

- :: Increases system processing capacity:
 - Twice the throughput
 - Up to three times the effective screening area
 - Extremely clean container stream
- :: Reduces labor costs
- :: Reduces residue by capturing more recyclables
- :: Provides far less glass breakage with improved container egress path
- :: Easier, safer maintenance with the lowest costs in the industry:
 - Dual decks fold vertically for easy, safer access and cleaning
 - Patented, compound discs last up to 300% longer
 - Two-piece discs for quick replacement
 - Easily removable shafts
- :: The best separation efficiency available:
 - Multiple screen-angle adjustments and disc speeds maximize separation for varying recyclable streams
 - Patented fiber- and traction-control blower systems provide an even bed of air for greater traction of fiber moving up incline screens
- :: Field-tested in our own MRF

FEATURES

- :: Patented revolutionary V-Screen™ technology
- :: Exclusive hydraulically actuated, electronically-controlled deck angle and machine pitch quickly accommodate your processing needs
- :: Patented traction-control air system applies a light bed of air to top of fiber stream, minimizing roll back and maximizing fiber/container separation
- :: Exclusive fiber-control air system keeps fiber from migrating into container stream
- :: Patented, newly improved disc technology: long-lasting, two-piece, bolt-together molded rubber discs with metal inserts allow for easy maintenance or removal
- :: Exclusive square-tube steel shafts minimize wrapping and require minimal cleaning
- :: Variable speed drives
- :: Heavy duty, structural steel frame

CAPACITY

- :: Up to **15 tph**
per hour

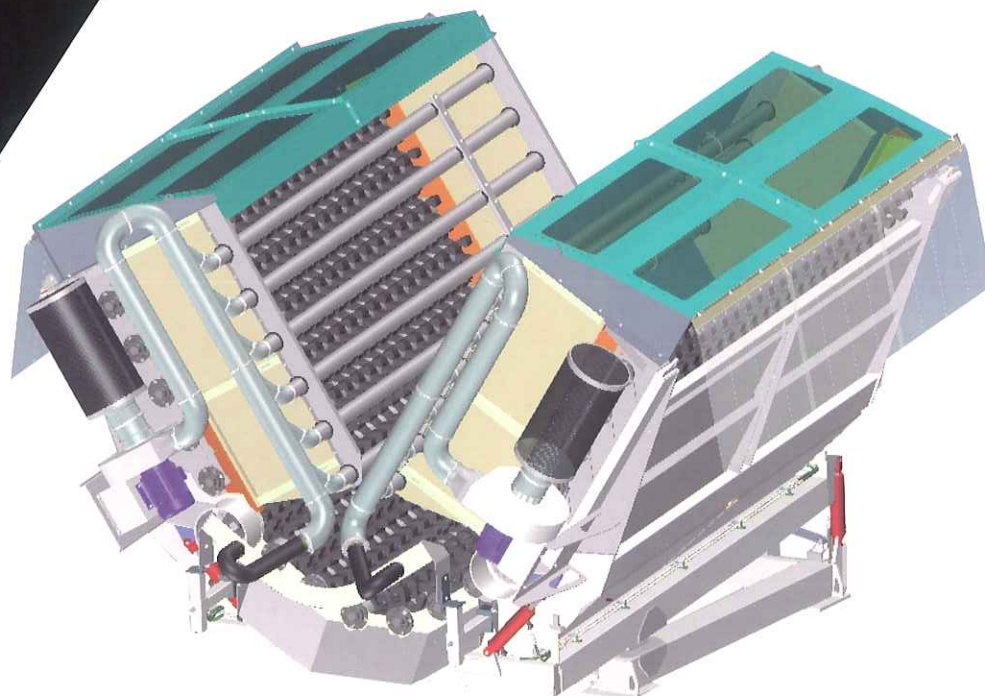
DIMENSIONS

- :: Base length: 98" :: Overall width: 194"
- :: Base width: 88" :: Height: 120"
- :: Overall length: 182" :: Weight: 20,000 lbs.
- :: Effective width: variable

OPTIONS

- :: Different disc spacing to accommodate multiple material characteristics
- :: 208, 230, 380, 415, 575 volt three-phase power
- :: Infeed/outfeed conveyors
- :: Automatic lubrication system

Specifications subject to change without notice.



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