



CP DISC SCREENS

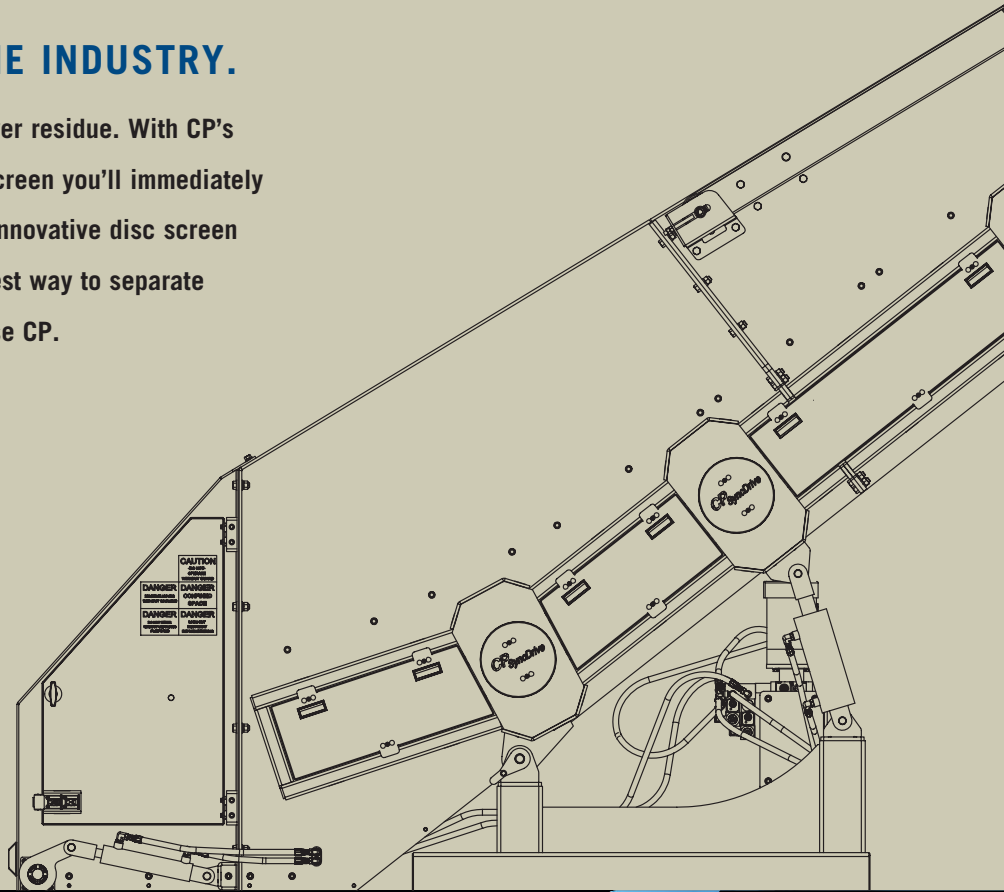
CP MANUFACTURING



MATERIAL RECOVERY FACILITIES

THE BEST SEPARATION IN THE INDUSTRY.

Increased throughput. Reduced labor costs. Lower residue. With CP's Container/Paper Screen (CPScreen™) or NEWScreen you'll immediately begin to reap the tangible benefits of the most innovative disc screen technology in the industry. For the fastest, easiest way to separate newspaper, mixed paper and containers—choose CP.



MAXIMUM THROUGHPUT.

Disc patterns can be configured to separate rigid containers from mixed paper easily and efficiently. Or, with a more open configuration, you can separate newspaper from mixed paper—automatically. Combining CP's patented molded rubber finger discs, variable speed drives and hydraulically adjustable deck angle, CP's screens ensure that material is sized properly for the most efficient sort possible.

LOWEST MAINTENANCE IN THE INDUSTRY.

CP's patented one-piece, single-bolt, molded-rubber finger discs allow for easy replacement—no need to remove the entire shaft. Round steel shafts made of heavy-duty materials do not bend or break, drive guards are easily removable and bearings are lubricated for life. CP's innovative "Syncdrive™" means no chains, no oilers, no adjustments and the direct mount C-face gear motors/couplings require no alignment or adjustments. All of these features combined ensure you minimal down time and lower maintenance costs.



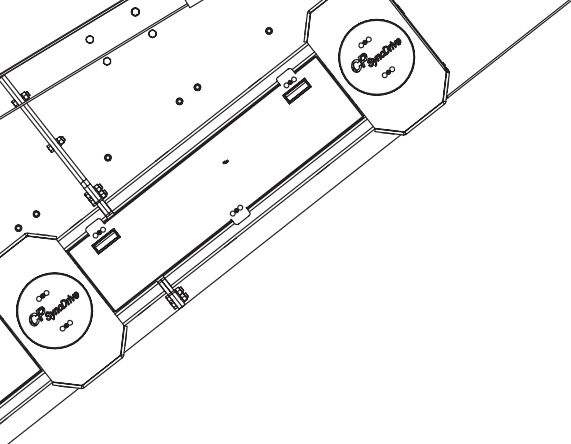
Longest disc life in the industry



Heavy duty, structural steel frame



Hydraulically-adjustable deck angle



FIELD TESTED FOR OPTIMUM PERFORMANCE.

Every piece of CP single-stream processing equipment is designed, built and tested in our own manufacturing and processing plants, with 100% control of every phase. No other manufacturer offers this critical step. Whether you process 100 tons per day or 1000, whether you're setting up a new facility, or integrating a CP Disc Screen into your existing plant, CP assures you of maximum field-tested efficiency, reduced operating costs and high-quality end products.

THE BEST EQUIPMENT FOR THE JOB.

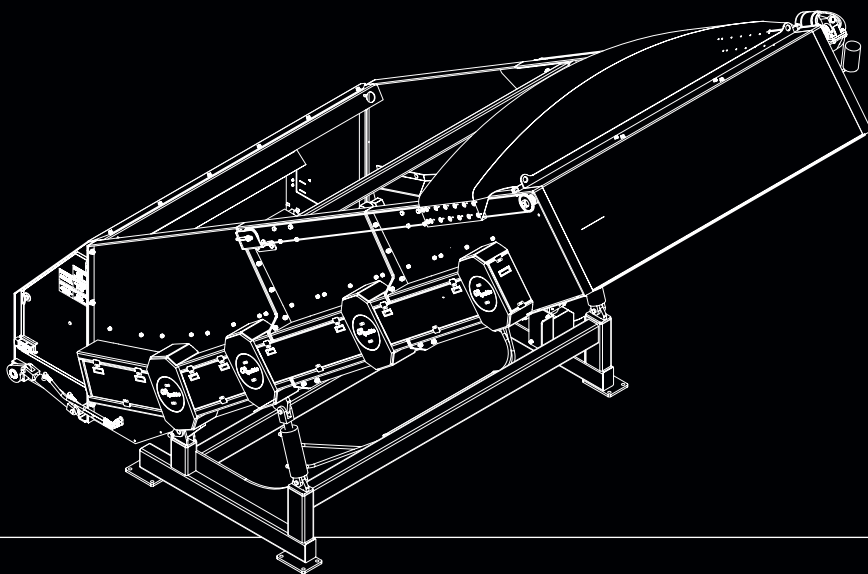
CP Manufacturing has put its operational experience and engineering expertise to work to give you what no other company can—cutting-edge single-stream technology that delivers the most efficient container/paper separation in the industry. MRF operators, container processors, waste haulers and municipalities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



Mixed paper, co-mingled containers, dirt and debris



Container end product



CP MANUFACTURING

On the leading edge of single-stream technology

CP Manufacturing has built more than 300 MRFs worldwide, each of them working day in and day out at top productivity and cost effectiveness. The leader in the waste management and recycling equipment industry since 1976, when we introduced the first aluminum can recycling equipment, we have now become the industry innovator in single-stream separation, recognized throughout the industry for our superior disc screen technology.

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

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

CP DISC SCREENS

DESCRIPTION

CP Disc Screens automatically separate newspaper, containers and mixed paper rigid containers from paper by means of patented disc screen technology.

BENEFITS

- :: Automatically separates containers from newspaper, mixed paper as well as small glass, dirt and debris
- :: Lowest maintenance costs in the industry
- :: Reduces residue by capturing more recyclables
- :: Cleaner and more marketable end products
- :: Increases system processing capacity
- :: Highest throughput, greatest separation efficiency

FEATURES

- :: Bolt-in rotors utilizing latest CP disc technology
- :: Patented one-piece, single-bolt, molded-rubber finger discs allow for greater separation efficiency and easy replacement – no need to remove the entire shaft or install two-piece discs
- :: Round steel shafts to increase separation efficiency
- :: Four individually adjustable variable speed rotor drives to optimize separation
- :: Drive guards are easily removable
- :: Bearings are lubricated for life

- :: Deck angle hydraulically adjustable in ½ degree increments
- :: CP “Syncdrive™”
 - Synchronous belt drives for all rotors (no chains, no oilers, no adjustments), each is rated to 25 HP
 - Direct mount C-Face gear motors/couplings require no alignment or adjustments
- :: Hydraulic maintenance floor extends on demand to provide safe access
- :: Safety harness connection points exceed CE and OSHA standards
- :: Five section modular design
 - Can be containerized for shipping
 - Allows installation in tight locations
 - Lifting eyes for each section – based on center of gravity
 - Machine profile designed to optimize infeed and outfeed conveyor positions
- :: Electrically controlled cover improves safety and dust control

For capacity and dimension options, please contact CP Manufacturing.

OPTIONS

- :: Multiple deck design
- :: Different disc spacing to accommodate multiple material characteristics
- :: Infeed/outfeed conveyors
- :: Automatic lubrication system



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