

Mechanical pre-sort

The MACH Screw Screen™ is designed for efficient mechanical material sizing separation with minimal maintenance. The smaller fractions travel in between the moving screws while larger fractions roll towards one end of the screen. It features adjustable settings to accommodate specific configuration needs. It's primary function is to reduce the tonnage processed by manual sorting, thus increasing safety for manual labor.

MODELS

	Screening openings*	Screws per sections	Screw diameter	Screw Length
OCC	8 x 5" up to 8 x 10"	4	24" (0.60 m)	10' (3.35m)
Scalping	4.5 x 3.5" up to 4.5 x 7"	5	15" (0.38 m)	10' (3.35m)

*Adjustable openings

FEATURES

BENEFITS

- | | | |
|--|---|--|
| ▶ Minimal wrapping in screws | → | Reduced maintenance requirements |
| ▶ Heavy-Duty robustness with cantilever design | → | Eases the workload during pre-sorting |
| ▶ High degree of adjustment for openings | → | Allows for precise control and customization |

MACH Screw Screen™

APPLICATIONS

- ▶ Single-Stream Recycling
- ▶ Mixed Waste Processing
- ▶ Organic Waste
- ▶ Industrial, Commercial & Institutional (IC&I)

MODULAR DESIGN

- ▶ The number of screws can be adapted to meet specific requirements
- ▶ Single or Double deck for optimal screening

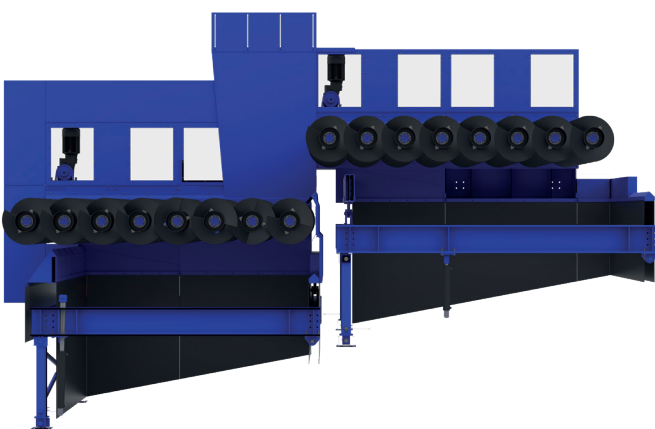
GENERAL CHARACTERISTICS

- ▶ Cantilevered screw construction
- ▶ Variable angle adjustment (tilt and roll) for optimal efficiency and adaptation through time
- ▶ Fed by a high-speed acceleration conveyor
- ▶ Improved security for manual sorters: removes dangerous small parts from the system
- ▶ Double flight design for long part protection

Independent adjustment of the deck angle

Available as an option, the independent deck angle adjustment provides additional protection to systems against long materials, such as hockey sticks, that could damage the equipment.

This feature helps reduce the risk of breakage and ensures optimal performance.



Standard Model



Optional:
Independent adjustment of the deck angle*
**Patent pending*