



**E & I Corporation**  
Division of McNish Corporation

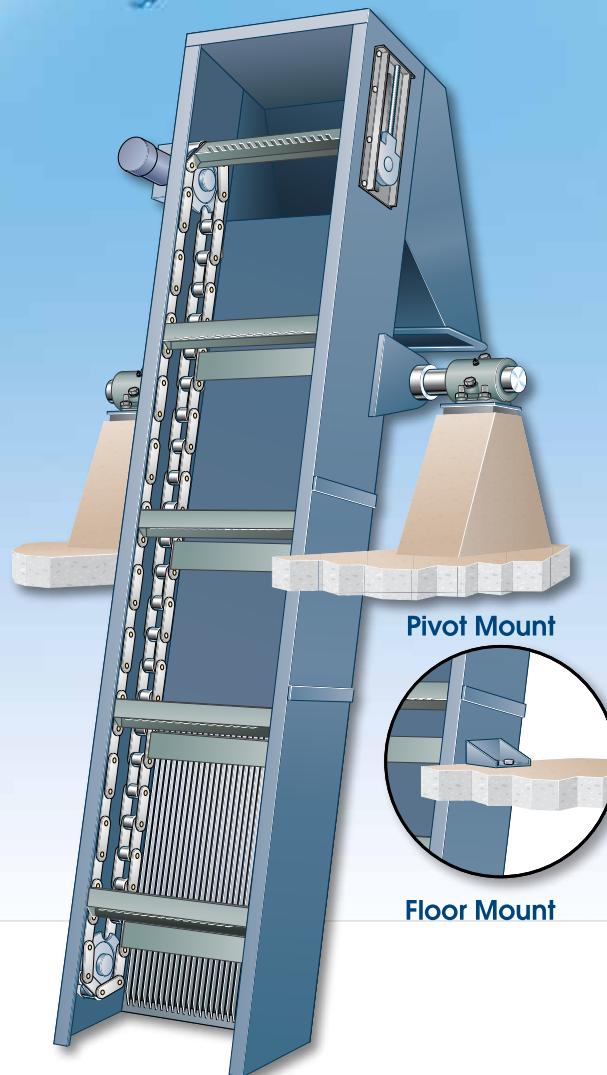
## “EIMT - 2S” Front Cleaned Screen

### “EIMT - 2S” Front Cleaned Screen

Since the early 1970's, E & I has been known as the leading supplier of the “Catenary” bar screen. Combining the rugged, low maintenance, and jam free features of the Catenary screen, along with the basics of the traditional two (2) shaft bar screen, E & I Corp. has developed the “EIMT-2S” bar screen.

The “EIMT-2S” bar screen is a versatile, variable speed (optional), highly efficient multi-rake screen designed to operate under the most severe flow conditions. The “High Flow” bar rack designed for higher efficiencies and lower head loss utilizes our smooth flow trapezoidal bar.

Custom programs are available and can be designed to meet your specific operational needs to assure maximum protection to downstream equipment.



Pivot Mount

Floor Mount

### Standard Features

#### Sprockets-Head

- Stainless steel

#### Sprocket-Lower

- Stainless steel with
- High impact long life bushing

#### Return Track

- Low friction sliding surface

#### “High Flow” Bar Rack

- 316 stainless steel Construction full channel width
- E & I “High Flow” trapezoidal bar
- Low head loss
- Ultra high efficiency
- Non clogging

#### Main Chain

- High strength heat treated
- Stainless steel
- Low friction Roller type

#### Dead Plate

- Stainless steel

#### Drive System

- High efficiency Helical gearing
- Computer designed
- New improved overload system, (no shear pins to replace)

#### Rakes

- “C” type with non-metallic Wear surfaces

#### Foot Sprocket Shroud

- Stainless steel

#### Optional Features

- Controls
- Variable speed
- Pivot (for shallow channels)

**E & I Corporation**  
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214 Hoff Road  
Suite M  
Westerville, Ohio 43082  
614.899.2282 PH  
614.899.0304 FAX



E & I Corporation

## SCREENS

### Catenary Bar Screen

Features-Catenary principle "No under water bearings or sprockets," heavy duty, jam free, high capacity, multi rakes

Models

- CBS-SM (shaft mount drive)
- CBS-CD (chain drive)
- CBS-CD-AE (auto entry)

### Catenary Trash Rakes

Features- Catenary principle "No under water bearings or sprockets", extra heavy duty, super capacity, jam free, multiple rakes

Models

- CTR-CD

### Catenary "Compact II"

Features- Catenary principle "No under water bearings or sprockets", compact version of the heavy duty CBS, complete with stainless steel and non metallic components, low maintenance

Models

- CCBS II-CD

### ARC

Features-single shaft, unitized construction, curved bar rack standard, low cost screen ideal for low applications

Models

- ARC-SM (shaft mount drive)

### ARM (ascending rake mechanism)

Features-high capacity single arm design, easily maintained, adjustable speed for high volume conditions, easily maintained from operation floor

Models

- ARM
- ARM-VS (variable speed)
- ARM-CE (curved entry bar rack)

### EIMT-2S

Features-state of the art 2 shaft fine screen, high volume capture, low head loss, stainless steel construction

Models

- EIMT-2S

## TRAVELING WATER SCREEN

Features-thru flow design, continuous baskets, heavy duty roller type main chain, drop in construction, balanced drive system

Models

- TWS

## GRIT

### Catenary Grit Collector Heavy Media Collector

Features- Catenary principle "No under water bearings or sprockets", heavy duty, high capacity, jam free, low maintenance

Models

- CGC
- CGC-A (aerated)
- CGC-AVC (aerated with velocity controlled baffle)

### V-Bucket Grit Collector

Features-standard and high capacity buckets, optional stainless steel and fiberglass reinforced plastic construction,

Models

- VBG
- VBG-A (aerated)

### Screw and Bucket Elevator

Features- standard capacity, steel and fiberglass reinforced plastic construction, ideal for low to moderate flows

Models

- SBE
- SBE-A (aerated)

### Swirl Grit (Vortex Grit)

Features-high rate of grit removal, no bearings, sprockets or chain to wear, efficient low cost of grit removal, accessories include: air lifts, pumps, dewatering screw conveyors

Models

- SG-A (air lift)
- SG-P (pump)

## Flocculators

### Vertical and Horizontal

Features-computer designed for efficient mixing, carbon or stainless steel for shafting or structural members, nonmetallic bearing liners, treated bearing shafts, fiberglass reinforced plastic arms and baffles, chain or direct drive, "NSF-61CERTIFIED" COATINGS

Models

- VF
- VF-VS (variable speed)
- VF-DD (direct drive)
- VF-CD (chain Drive)
- HF
- HF-VS (variable speed)
- HF-DD (direct drive)
- HF-CD (chain Drive)

## COLLECTORS

### Three and Four Shaft Rectangular

Features-"NSF 61 CERTIFIED" systems Complete line of metallic and non metallic chain, sprockets, bearings, stub shafts, shafting, wear shoes and strips, return rails. All materials computer selected for corrosion free materials (UHMW-PE, Nylon, Polyurethane, and Polyethylene) for long life and low maintenance

Models

- RC-3S "NSF-61"
- RC-4S "NSF-61"
- RC-3S
- RC-4S

## SKIMMERS

### Pipe

Features-Metallic and non metallic wetted components, Teflon pipe/end plate super seal

Models

- PS-L (lever operated)
- PS-G (gear operated)
- PS-GL (gear less operated)

### Helical

Features-Metallic or total fiberglass reinforced plastic, reels, beach plate and discharge trough, plastic drive components

Models

- HS-CS (carbon steel)
- HS-SS (stainless steel)
- HS-FRP (fiberglass reinforced plastic)

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214 Hoff Road • Suite M • Westerville, OH 43082

PH 614-899-2282 • FAX 614-899-0304

WWW.EANDICORP.COM