E & I Corporation

SCREENS

Catenary Bar Screen

Features-Catenary principle "No under-water bearings or sprockets," heavy duty, jam free, high capacity, multiple 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 flow 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, maintained from operation floor
Models

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

EIMT (front cleaned screen)

Features-state of the art front cleaned multi-rake screen, high volume capture, low head loss, stainless steel construction
Models

- EIMT

TRAVELING WATER SCREEN

Features- flow thru 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, corrosion free materials (UHMW-PE, Nylon, Polyurethane, and Polyethylene). All materials selected 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 seals
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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