

### Industrial and Municipal Process Equipment Packages

Develop

process solutions partnerships to find efficiencies on new or existing process.

Design

- machines for solids recovery, liquid clarification, and minimize water consumption.

Deliver

- project specific solutions for better economic, and environmental process performance.



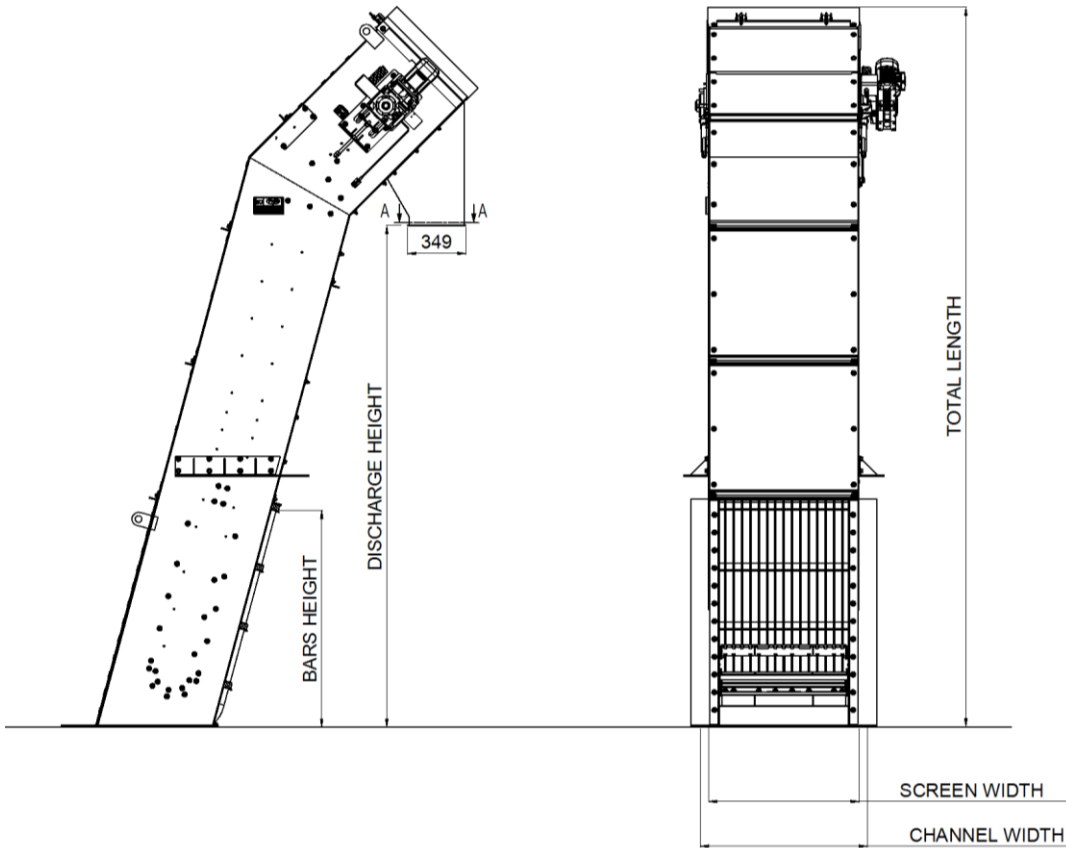
Doc# MULTIRAKE-1703-R02

## FEATURES

- ✓ Automatic Operation
- ✓ Easy installation in channel
- ✓ Fully customizable to customer needs
- ✓ Heavy Duty Application
- ✓ No submerged mechanical components
- ✓ 40-75° Installation angle standard. 80 & 90° installation angles available in special execution
- ✓ Manufactured in Stainless Steel AISI 304 and 316(L)
- ✓ Welding pickled and passivated
- ✓ Easy removable covers for hygienic inspection
- ✓ Odour-containing covers
- ✓ Low and easy maintenance



# MODEL & DIMENSION



### ANGLE OF INSTALLATION:

40-75° Installation angle standard. 80 and 90° installation angles available in special execution.

### NUMBER OF RAKES:

2 rakes standard plus one rake for every 3 feet in height to a maximum of 6.

\* Other configuration available on demand

75° installation MODEL	Channel width		Total length		Discharge height from channel bottom		Screen width		Bars height	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
DBS400	16	400	132	3350	91	2300	15	370	24	600
DBS600	24	600	132	3350	91	2300	22	570	24	600
DBS800	31	800	132	3350	91	2300	30	770	24	600
DBS1000	39	1000	140	3550	98	2500	38	970	31	800
DBS1200	47	1200	140	3550	98	2500	46	1170	31	800
DBS1400	55	1400	140	3550	98	2500	53	1340	31	800
DBS1600	63	1600	140	3550	98	2500	61	1540	31	800
DBS1800	71	1800	140	3550	98	2500	69	1740	31	800
DBS2000	79	2000	159	4050	118	3000	76	1940	51	1300

## EQUIPMENT RANGE

### Mechanical Dewatering

- Decanter Centrifuge
- High Speed Centrifuge
- Gravity Belt Press Thickener
- Belt Press
- Scrudrain: Screw Thickener
- Screw Press
- DRAIMAD Dewatering bag skid

### Thermal Systems

- Sludge Dryers
- Evaporators

### Screening

- Multi-Rake Bar Screens
- Perforated Plate Screens
- Internally Fed Drum Screens

### Grit and FOG Removal Systems

### Solid Waste

- Material Sorting & Screening

### Polymer Preparation

- Dry & Liquid polymer systems

### Materials Handling Systems

- Shaftless Screw Conveyors
- Belt Conveyors
- Live Bottoms
- Silos
- Sorting Lines
- Shredders

### Pumping

- PC Pumps

## APPLICATION FIELD

### By PROCESS

- Aggregates conveying
- Biomass drying
- Biomass gasification
- wastewater treatment
- Biosolids reduction
- Biosolids stabilization (Class A)
- BOD reduction
- Cogeneration
- Dewatering:
  - Aerobic sludge
  - Anaerobic sludge
  - Lime & Alum sludge
  - Mixed industry sludge
  - WAS sludge
- Evaporation
- Enzymatic Inactivation
- Fish processing
- Flour enhancement
- Head works
- Heat treatment
- Kelp processing
- Bulk materials Handling
- Leachate treatment
- Oil separation
- Paper sludge de-inking
- Plastics separation
- Pump station screening
- Pulp Recovery

### By INDUSTRY

- Airports
- Biomass gasification
- Cement factory
- Dairy Industry
- Die Casting Industry
- Flour Mill
- Landfill
- Municipal WWTP
- Paint Factories
- Petro-chemical refinery
- Pulp & Paper industry
- Potato plant
- Rendering plant
- Slaughtering plant
- Tar Sands
- Quarries