

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.



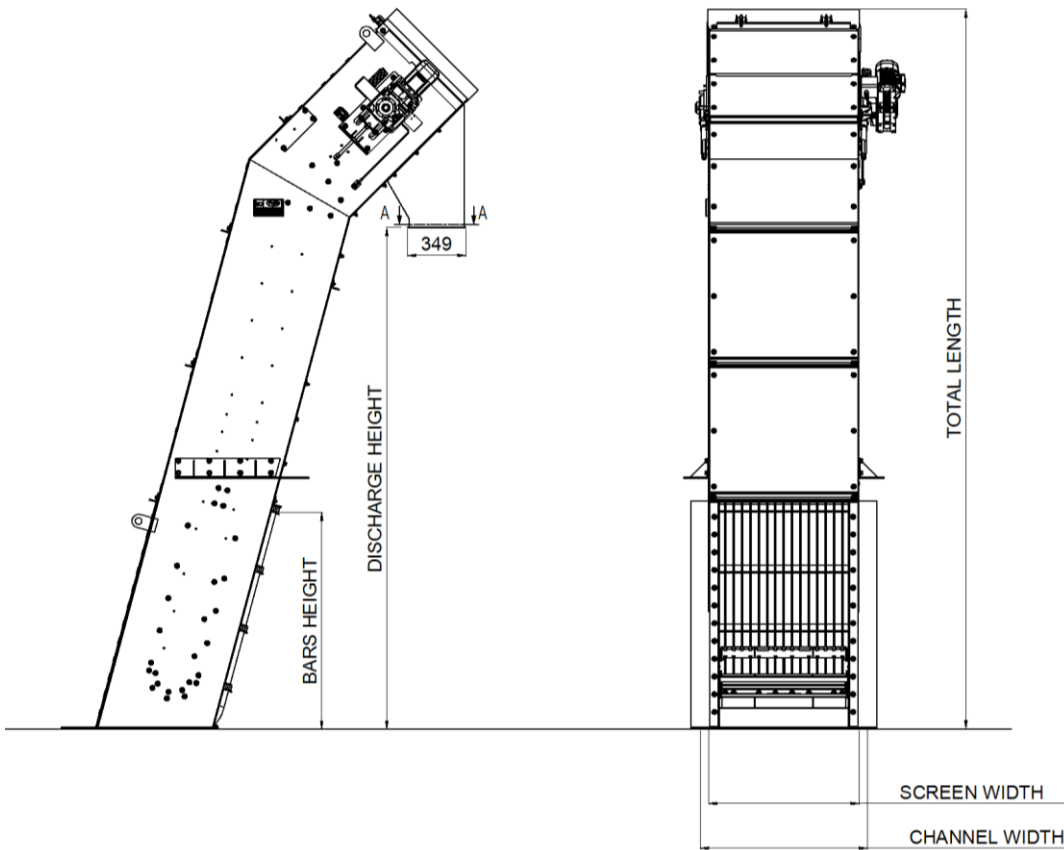
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FEATURES

- ✓ 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
BRUSHES:

2 brushes standard plus one rake for every 3 feet in height to a maximum of 6.
* Other configuration available on demand

75° installation	Channel width		Total length		Discharge height from channel bottom		Screen width		Screen height	
	in	mm	in	mm	in	mm	in	mm	in	mm
MODEL										
DBS-P400	16	400	132	3350	91	2300	15	370	31	800
DBS-P600	24	600	132	3350	91	2300	22	570	31	800
DBS-P800	31	800	132	3350	91	2300	30	770	31	800
DBS-P1000	39	1000	140	3550	98	2500	38	970	39	1000
DBS-P1200	47	1200	140	3550	98	2500	46	1170	39	1000
DBS1400	55	1400	140	3550	98	2500	53	1340	39	1000
DBS1600	63	1600	140	3550	98	2500	61	1540	39	1000
DBS1800	71	1800	140	3550	98	2500	69	1740	39	1000
DBS-P2000	79	2000	159	4050	118	3000	76	1940	59	1500

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