



**DONTECH
INDUSTRIES, INC.**
EQUIPMENT & SYSTEMS

INTERNALLY FED ROTARY DRUM SCREENS

For the removal of suspended solids from process and wastewater streams



Features

- Screen cylinder of helical-wound wedge wire available in a wide range of diameters and lengths
- Screen slot openings 0.005" to 0.250" for a variety of applications
- Screen assembly complete with support trunions, segmented or continuous flighting, and drive assembly
- Available with chain sprocket or shaft mounted drives of variable speed design
- Influent headbox designs to handle pumped or gravity flow feed; complete with flow dampening/distribution weir(s)
- Heavy duty, all stainless steel chassis complete with integral sump and filtrate discharge piping
- CIP spray manifold assembly for internal and external cleaning
- Chain driven, variable speed drives
- All metal components of Type 304 stainless steel construction



Industries

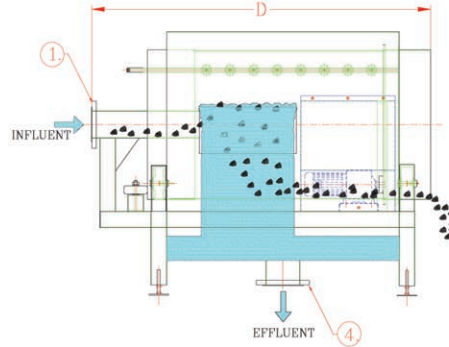
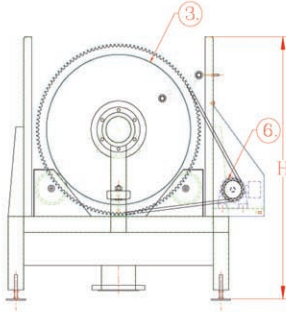
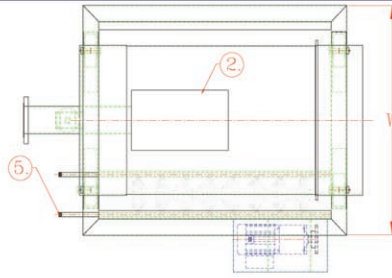
- Food processing
- Citrus processing
- Poultry processing
- Dairy facilities
- Bakeries
- Breweries
- Pulp & paper
- Meat Processing
- Pork Processing
- Beverage Industry
- Distilleries
- Beet & Cane Sugar Refining
- Pharmaceutical Industry
- Municipal Waste Water

Applications

- Product recovery
- Pretreatment
- Biosolids removal
- Biosolids thickening
- Trash removal

IRDS Features

1. INLET
2. INFLUENT DISTRIBUTION WEIR
3. WEDGEWIRE DRUM
4. OUTLET
5. HIGH PRESSURE SPRAY
6. DRIVE MOTOR



Technical Data

Model No.	Openings In 0.005" increments	Width W	Height H	Depth D	Clean Water Flow In GPM
IRDS-4872	0.010—0.100	68"	63"	93"	3,364
IRDS-4884	0.010—0.100	68"	63"	105"	3,798
IRDS-4896	0.010—0.100	68"	63"	117"	4,485
IRDS-48120	0.010—0.100	68"	63"	141"	5,607
IRDS-48144	0.010—0.100	68"	63"	165"	6,728
IDRS-6072	0.010—0.100	80"	75"	93"	4,250
IRDS-6084	0.010—0.100	80"	75"	105"	5,150
IRDS-6096	0.010—0.100	80"	75"	117"	6,010
IRDS-60120	0.010—0.100	80"	75"	141"	6,870
IRDS-60144	0.010—0.100	80"	75"	165"	8,139



Dontech Industries History

Dontech Industries, Inc. offers more than 25 years experience in the engineering and design of screens, screening systems, and solids conveyance/compactor systems.

With its own team of experienced machine operators/welders each screen is hand constructed to the clients exacting specifications. This professional team allows for ease of construction of equipment that is unique in shape, size, or other design considerations.

Offering experience on both the industrial and municipal markets, our professionals have the knowledge that allow all pertinent design questions to be addressed assuring the final screen meets the design application.

Internally Fed Screens

Internally Fed Screens are individually engineered and designed to meet client specifications with regard to location of influent flow distribution chamber, height, width, gravity or pumped flow, and need for access/inspection doors.

Screen support construction of polymeric trunions that are of shafted and of greasable design.

The wedge wire screen with variable slot opening provides solids removal based on client's specific particle size distribution.

Each system is equipped with an integral sump which can be oversized and/or conformed to meet design and potential upset conditions.

All stainless steel construction including legs, pans, pumps and other extraneous parts with no hidden add-on costs.

Screening systems are offered with a wide range of electrical control panel options, from basic to sophisticated control circuitry.