

## EXTERNALLY FED ROTARY DRUM SCREENS

*For the removal of suspended solids from process and wastewater streams*



### Features

- Screen cylinder of helical-wound wedge wire
- Screen slot openings 0.005" to 0.250" for a variety of applications
- Screen assembly complete with internal support(s), tie rods, end rings, hub and shafts
- Influent headbox designs to handle pumped or gravity flow feed, complete with flow dampening weir(s)
- Influent overflow bypass piping
- Chassis designs for open or enclosed filtrate discharge
- Internal CIP manifold assembly with sprays designed for high pressure cleaning
- Solids discharge blade assembly of K-monel or UHMW construction
- Shaft mounted, variable speed drives
- All metal components of stainless steel construction



### Industries

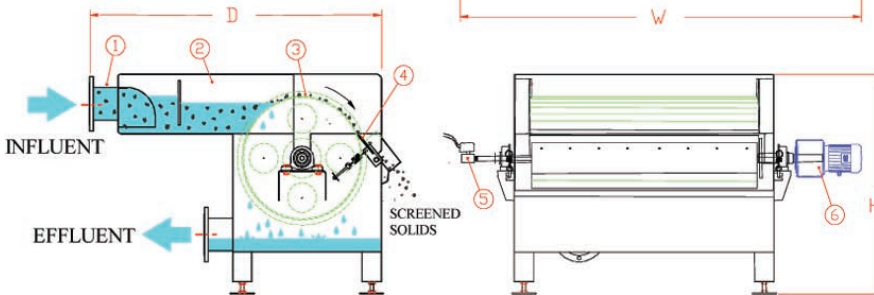
- Food processing
- Citrus processing
- Poultry processing
- Dairy facilities
- Bakeries
- Breweries
- Pulp & paper
- Meat Processing
- Pork Processing
- Beverage Industry
- Distilleries
- Beet & Cane Sugar Refining
- Pharmaceutical Industry
- Municipal Waste Water

### Applications

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

*Screens are USDA approved*

- 1 Inlet
- 2 Head box
- 3 Wedge-wire drum
- 4 Doctor blade
- 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
RDS-1212	0.005—0.050	28"	16"	30"	0-30
RDS-1224	0.005—0.050	40"	16"	30"	0-50
RDS-2512	0.010—0.200	45"	45"	63"	160-485
RDS-2524	0.010—0.200	57"	45"	63"	325-1,025
RDS-2536	0.010—0.250	80"	45"	63"	487-1,445
RDS-2548	0.010—0.250	91"	45"	63"	665-1,865
RDS-2560	0.010—0.250	124"	45"	63"	825-2,285
RDS-2572	0.010—0.250	157"	45"	63"	995-2,705
RDS-2584	0.010—0.250	190"	45"	63"	1,150-3,125
RDS-2596	0.010—0.250	223"	45"	63"	1,320-3,545
RDS-3648	0.010—0.250	91"	57"	86"	1,325-4,205
RDS-3660	0.010—0.250	124"	57"	86"	1,645-5,253
RDS-3672	0.010—0.250	157"	57"	86"	1,965-6,300
RDS-3684	0.010—0.250	190"	57"	86"	2,285-7,349
RDS-3696	0.010—0.250	223"	57"	86"	2,605-8,397
RDS-36108	0.010—0.250	256"	57"	86"	2,925-9,445
RDS-36120	0.010—0.250	289"	57"	86"	3,245-10,500
RDS-36144	0.010—0.250	321"	57"	86"	3,565-11,548

### 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.

### Externally Fed Screens

Externally Fed Screens are individually designed to meet the client's needs with regard to headbox configuration, inlets/outlets, height, width, pumped or gravity flow, etc.

All externally fed screens are equipped with overflow bypass provisions, located to suit the client's needs. This eliminates screen-flooding concerns.

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

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.

Externally fed screens are equipped with high pressure, CIPable spray manifold systems which can be run automatically or with manual operation.

For Food Applications: USDA approved with a design that allows for the entire screen to be CIPed.

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