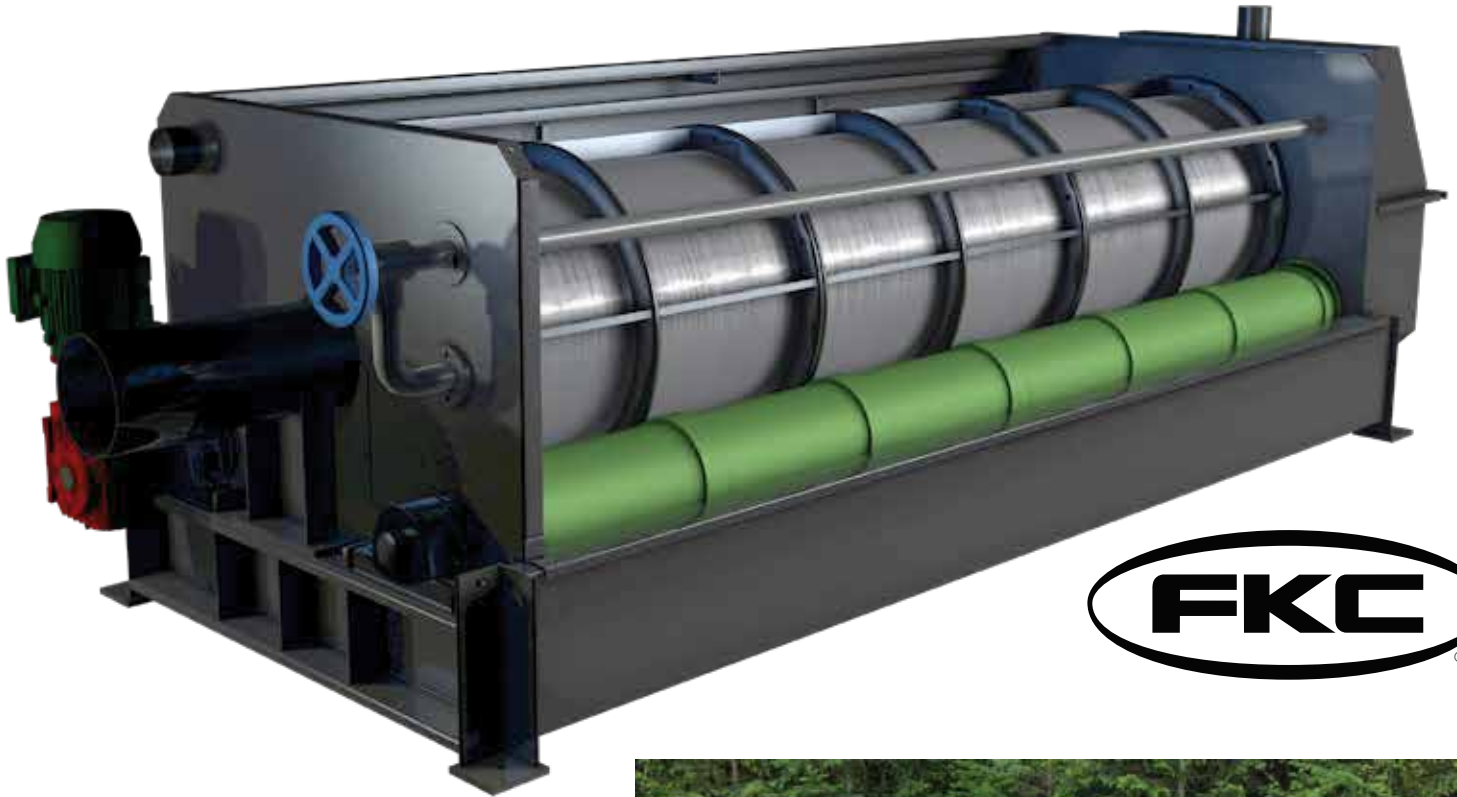


# CONVENTIONAL ROTARY SCREEN THICKENER (RST)



RST Discharge



RST and Floc Tank

## APPLICATIONS

- Prethickening prior to a screw press
- Thickening prior to an aerobic or anaerobic digester
- Thickening for reduced volume for transport
- Screening/Thickening of solids from a liquid/solids stream

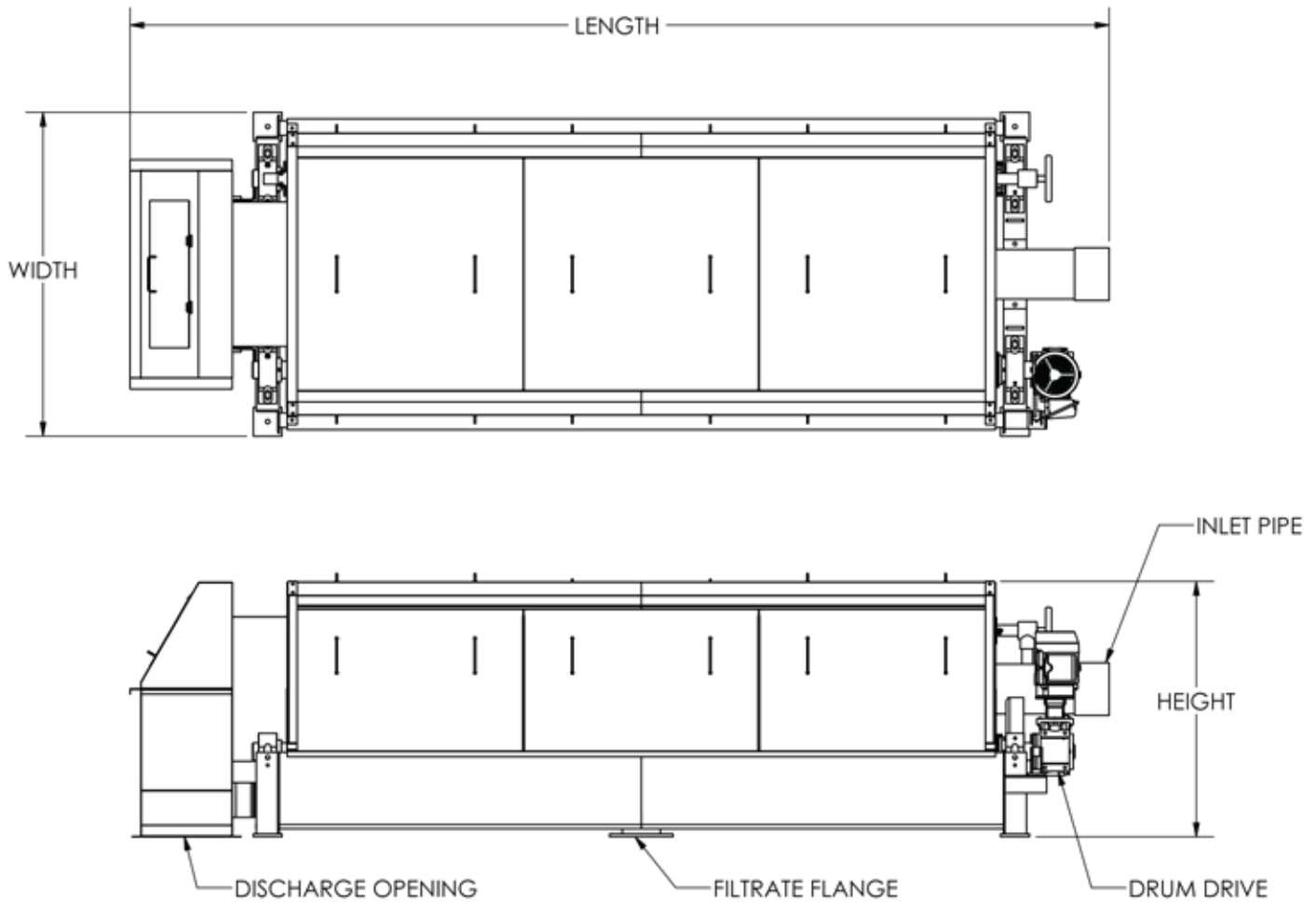
## FEATURES

- Stainless Steel Wetted parts
- Heavy Duty Construction
- Can Accept Inlet Consistencies <1%
- Outlet Consistency Typically Ranges 4–8%
- Spray Shower Keep Screens Clean
- Multiple Sizes for Any Flow Rate
- Easy to Install and Operate
- Over 150 units in Operation



RST Installation West Boise

# RST plan and elevation view drawing



## Conventional Rotary Screen Thickeners

Model No.	Motor HP	Length	Height	Width	Weight	Shower gpm	Max. flow (gpm)
RST-S315x1000L	¾	69"	26"	35"	1,350 lb.	6-8	30
RST-S480x2000L	1	110"	35"	49"	2,200 lb.	13-17	80
RST-S630x2000L	1.5	116"	43"	53"	2,500 lb.	13-17	125
RST-S630x3000L	2	165"	43"	53"	3,200 lb.	20-25	200
RST-S775x3600L	3	193"	50"	58"	4,900 lb.	20-25	275
RST-W630x3000L	3 or 5	165"	43"	87"	5,700 lb.	40-50	400
RST-W775x3600L	5	193"	51"	93"	9,200 lb.	40-50	550

RST = rotary screen thickener

HC = high consistency model

S = single drum model

W = double drum model

First number = drum diameter in millimeters

Second number = drum length in millimeters

Shower water pressure = 30-40 psi recommended

Maximum flow rate capability varies depending on the specifics of a given application.



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