

Discam Screen



Moyno™ grinder and screen system™ for the effective maceration of screenings. Can be easily retrofitted into new build or existing sewage pump stations or inlet works.

Typical Applications

- Pump station screening
- Inlet works screening

Capacity

- Up to 70,446 gal/min (16,000 m³/h)

Features and Benefits

Self Cleaning Screen

Intermeshing discs give a self cleaning area during normal operational periods. Needs no manual attendance or cleaning. Eliminate disposal costs associated with extracted debris.

5mm or 9mm Aperture Sizes

Ability to separate up to 95% of solids at the given aperture sizes while conveying larger solids towards the grinder.

High Torque Grinder

The grinder allows liquid to pass through the cutter stacks, filtering and trapping the entrained solids. High torque is applied to the solids grinding.

Hi-Flow Side Rail

Increases the fluid velocity through the grinder.

ETOS Cutters

Equal Thrust Off-Set profile offers improved cutting of fibrous material and lower power consumption per revolution of cutter shaft.

Channel Depths

40 in (1,000 mm), 60 in (1,500 mm) and 80 in (2,000 mm) options.

Slow Operational Speeds

Lower cutter tip speeds dramatically reduce the wear rates. Slow speeds also ensure low noise and vibration and excellent abrasion resistance.

PLC Protection

Automatically prevents overloading of the Discam, saving on costly downtime.

Materials of Construction

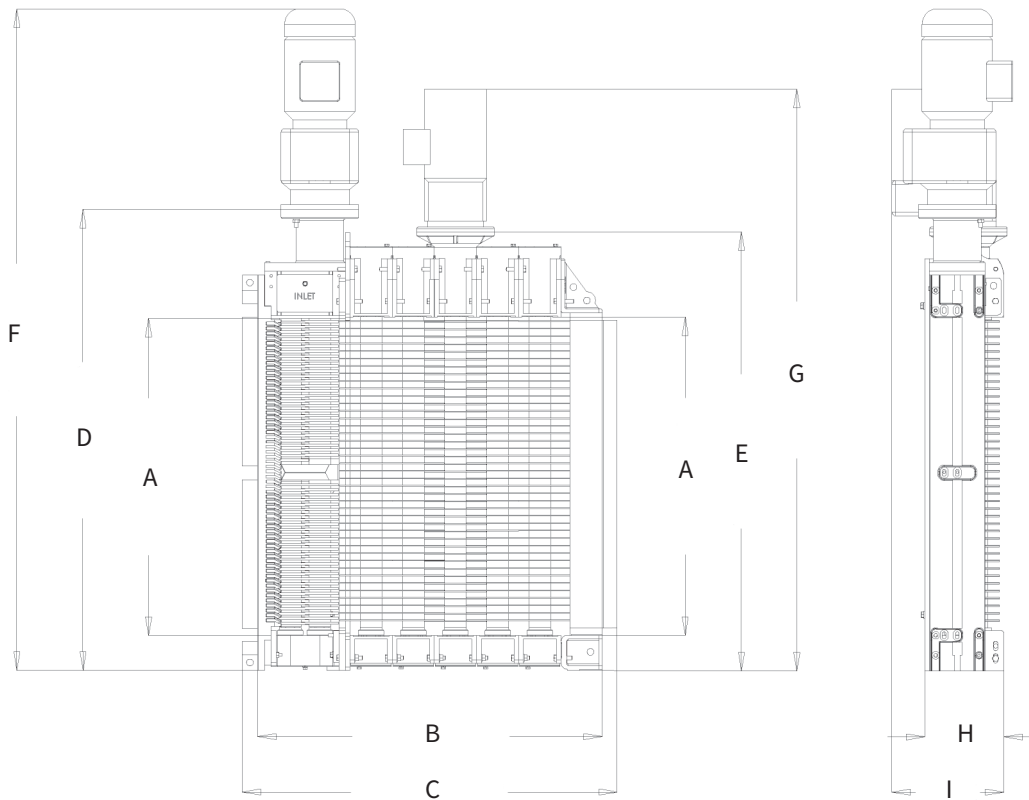
Body castings, heavy duty cast iron, stainless steel. High specification alloy steel shafts and material options for discs, spacers and cutters to suit the application.

Installation

Quick and easy with support frames to allow maximum flow across the face of the screen.

General Arrangement Drawings

Discam - 40 in. (1000 mm) to 80 in. (2000 mm) Throats - GA Dimensions



Technical Specifications

A Nominal Throat	B/C								D	E	F	G	H	I
	No. of Shafts													
	3	4	5	6	7	8	9	10						
40	33	39	44	49	55	60	65	71	59	56	84	74	10	14
60	37	43	48	53	59	64	69	75	79	76	105	94		
80									100	97	126	116		

All dimensions are in inches and for guidance only. For more information about the Discam, contact NOV.

