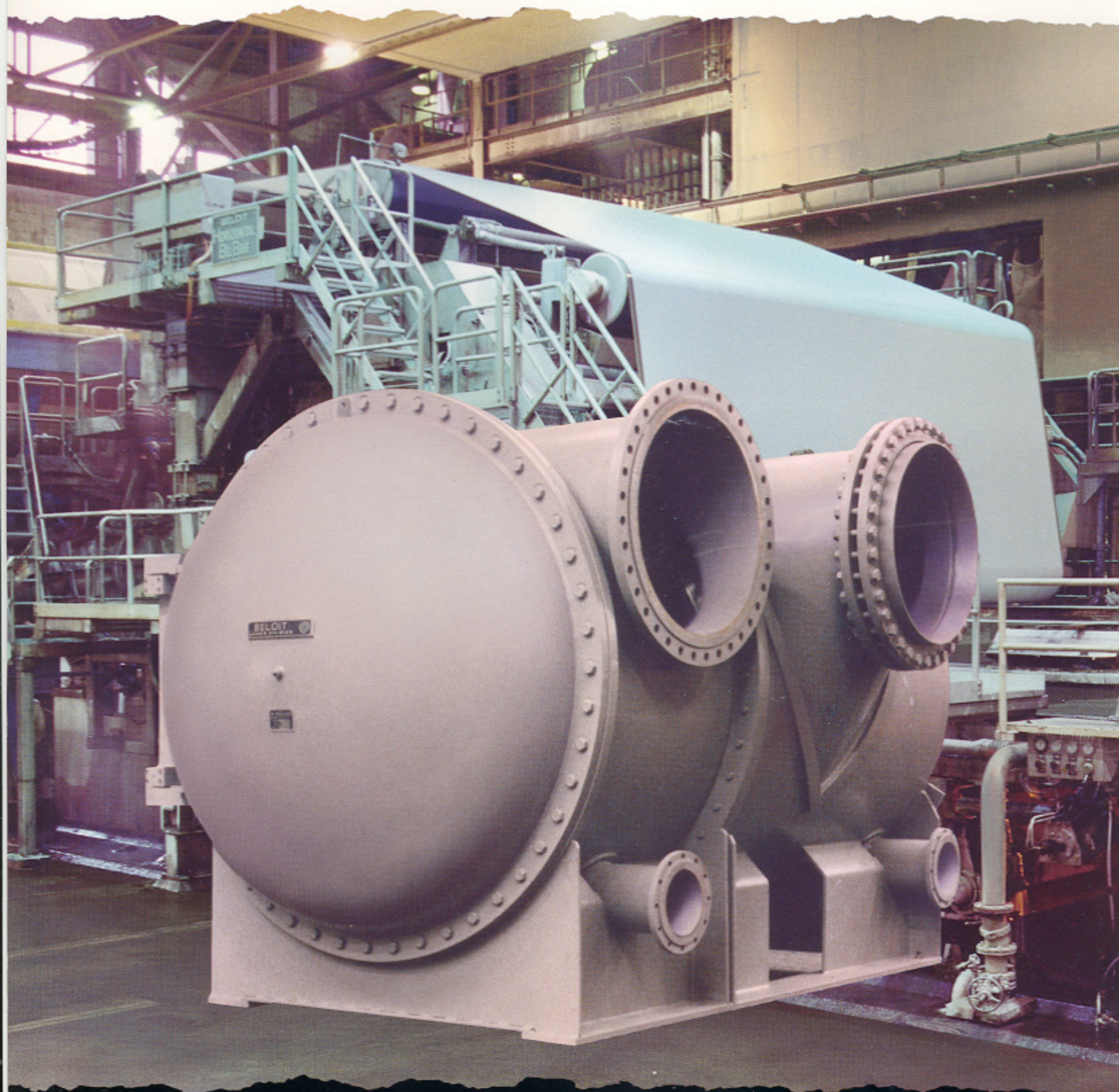


Beloit Jones M Series Low Pulse Screen

...combines today's most advanced technologies
and versatility for maximum
screening efficiency.

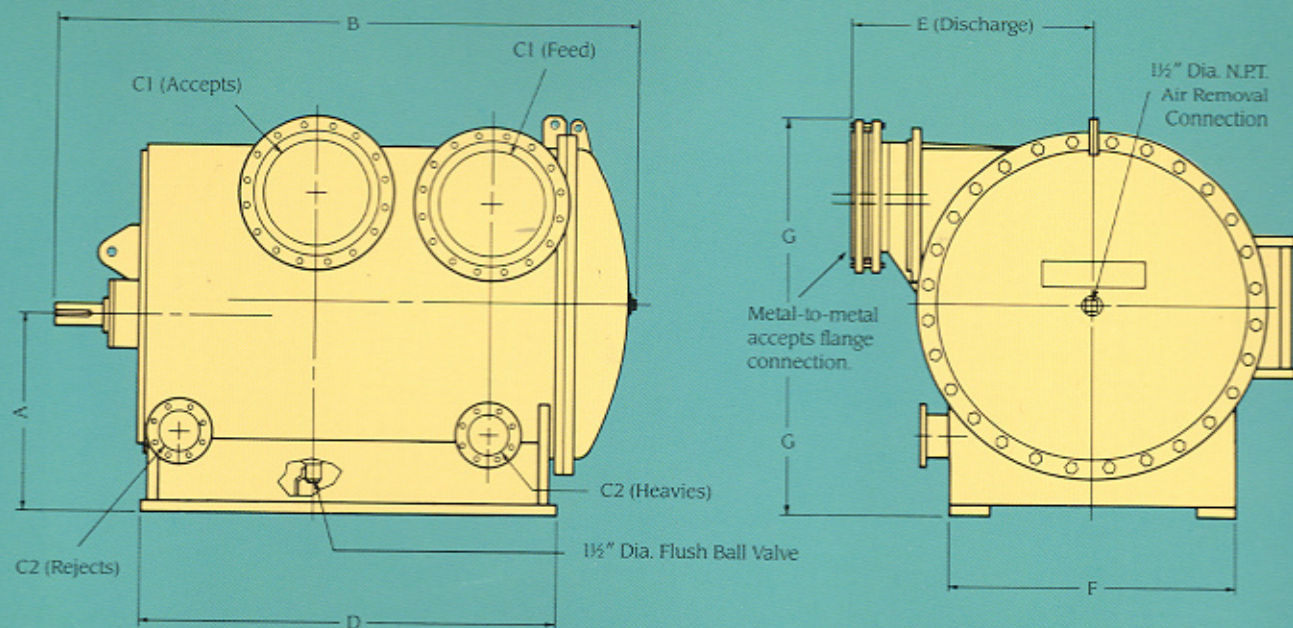
BELOIT CORPORATION

A Harnischleger Industries Company



Innovation, not imitation™

Beloit Jones M Series Low Pulse Screen



General Dimensions

(inches—not for construction)

Size	A	B	C1	C2	D	E	F	G	Nominal Capacities (Accepts)	Empty Weight (Pounds)	Operating Weight (Pounds)
M-18	20.5	55.0	8	3	35.0	24	24	35.4	2,400 GPM	1,600	2,225
M-24	24.2	67.0	10	3	44.0	32.5	32	49.1	5,500 GPM	1,750	4,100
M-32	28.5	88.0	16	6	41.0	37	42	56.3	10,000 GPM	4,500	9,500
M-38	31.5	94.0	18	6	46.0	41	48	63.3	14,000 GPM	5,000	10,000
M-44	34.5	106.0	20	8	79.0	49	54	69.3	19,000 GPM	6,925	13,925
M-50*	38.5	127.0	24	8	94.5	48	60	78.0	26,000 GPM	10,300	23,560
M-58*	43.0	143.0	30	10	108.0	57	70	88.8	35,000 GPM	14,000	34,000
M-66*	47.5	159.0	36	10	119.0	57	78	96.2	45,000 GPM	16,800	43,800
M-78*	63.0	185.0	42	12	153.0	72	92	124.3	64,000 GPM	35,650	76,900

*Basket removal accessory included as standard equipment.

Design features and operating advantages:

- Pulsation is less than 0.05 psi, peak to peak, at any frequency.
- Designed specifically for heavy-duty (up to 100 psi) low consistency (0.5% to 1.5%) applications.
- Each unit is assembled, aligned and tested—including a pulsation spectrum—to assure trouble-free startup. Complete test records are shipped with each screen.
- Improved basket design results in precisely maintained foil-to-screen basket clearance.
- Basket and accepts zone are polished to "cottonball" finish.
- Horizontal design permits floor-level access and reduces headroom requirements.
- Number and configuration of foils are tailored to your application.
- Balanced flow through basket optimizes capacity and minimizes slime buildup.
- Dynamically balanced rotor.
- Oversize bearings for low maintenance on rotating assembly.
- Automatic air evacuation.
- Mechanical shaft seal for minimum maintenance.
- Hinged door for easier screen change and maintenance.
- Easy access to screen interior for removal and replacement of basket and rotating assembly.

Operation

Heavy rejects are discharged tangentially in the inlet chamber before reaching the screening zone.

In the screening zone, action of the rotating foils fully disperse and deflocculate the individual fibers.

Design of accepts discharge outlet eliminates air pockets. The rejects chamber design insures that rejects, once separated, do not remix.

Metallurgy

Standard Corrosion Service—304S/S where exposed to stock, 316L S/S basket.

Super Corrosion Service—316S/S where exposed to stock, 316L S/S basket.

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