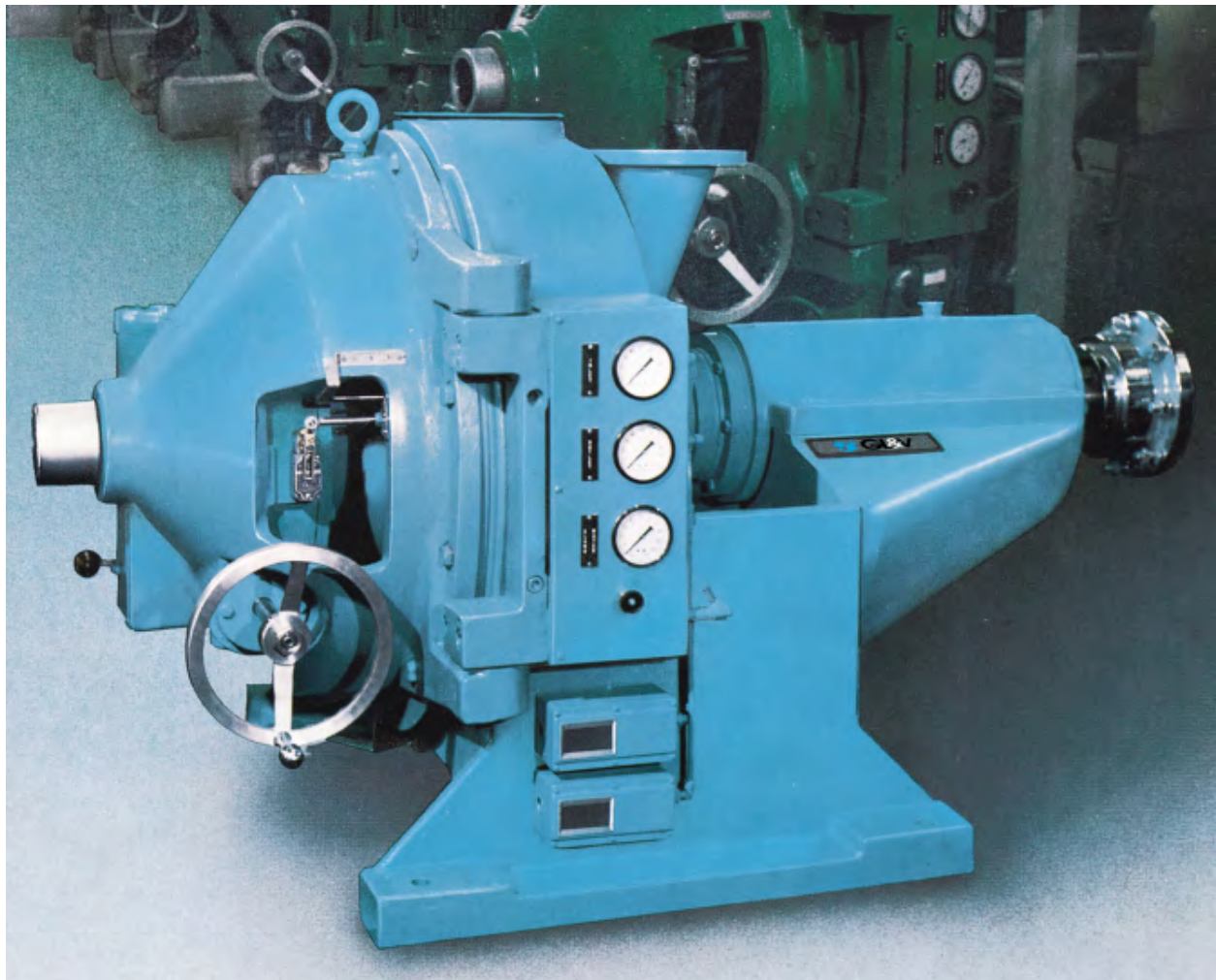


Beloit-Jones DD™ 4000 Refiner



Design Features and Operating Advantages

- Simplicity of design for ease of installation, operation and maintenance.
- Scientific plate designs provide unit responsibility for optimum fiber treatment and reduced operating costs.
- Plate sizes available from 16" to 46".
- Hinged end housing for easy access to plates.
- Full range of automatic Programmable Refiner Controls (PRC) is available.
- Easily accessible and replaceable packing box.
- Two-pipe Duoflo with single stock inlet eliminates the need to disconnect piping for plate inspection or replacement.
- Single post adjustment ensures plate parallelism.

GL&V Pulp and Paper Group

Albia • Bagley & Sewall • Beloit-Jones • Beloit-Lenox • Black Clawson-Kennedy • Canron • Cellico •
Dorr-Oliver • Downingtown • Hedemora • Impco • LaValley • National Refiner Plate • Sandy Hill

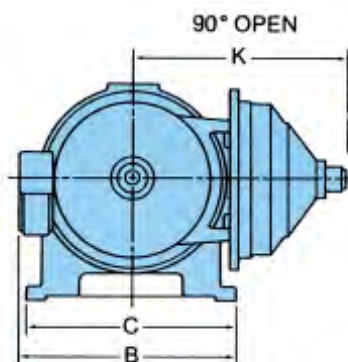
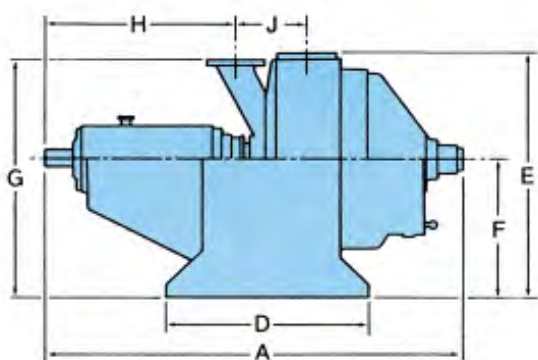
General Dimensions

(In inches) – Not for construction

Size	Inlet	Duoflo Outlet	A	B	C	D	E	F	G	H	J	K
16	3	3	54	32	26.5	24	26.8	15	21.4	24.2	7.8	32
20/24	4	4	70	42.8	38	30	39	22	29	32.8	11	40
26/30	6	6	80	48.2	45	38	46.5	26	44.2	39.4	12.8	52
34/38	8	8	90.3	56	53	42	61.3	32	56	41.3	13.8	52.8
42/46	10	10	117	65	63	48	69.5	36	67.5	52	17.4	71

Specifications

	Size	16	20/24	26/30	34/38	42/46
Connected Power Range	HP	200	400	800	1500	2500
Speed Range	RPM	900 - 1100	720 - 1200	600 - 900	514 - 720	450 - 600
Floor Space Required (Cx D)	IN	24 x 25	38.5 x 28	45 x 38	58 x 42	63 x 48
Shipping Weight	LB	2,100	4,400	7,400	11,500	20,000
Floor Loading	PSF	500	590	625	680	950
Maximum Operating Pressure	PSIG	100	100	100	100	100



Sliding Head and Base	316 S/S Lined
Inlet Connection	316 S/S
Packing Box Water Lubricated	316 S/S Replaceable sleeve on shaft
Outlet Connection	316 S/S
Internal Construction	316 S/S
Main Shaft Bearings	Tapered roller
Coupling	Gear tooth slide
Adjustment	2-speed gearmotor complete with drive and limit switch
Main Bearing Lubrication	Oil bath (circulating oil system available)
Integral Panel	3 pressure gauges for inlet and outlet stock and packing box water. Includes seal water control valve and pressure switches.
Grease Fittings	Pressure type
Gauge Connections	Brought to a single terminal area on the unit

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