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Specifications

BE Big Bore
Wood Products Feeders
Drives and Capacities

A-1100

Rev. 6

12 / 17

SIZE OF FEEDER	BARE SHAFT WT	(FALK) SHAFT MOUNT REDUCER	MOTOR H.P. + CLASS		FEEDER RPM GREEN CHIPS	CAPACITY @ 100%			RECOMMENDED CAPACITIES - UPH		
						DISPLACEMENT Cu.Ft. /Rev.	CFM	MAX UPH (70%)	SCRN BARK UNSCRN CHIPS SHAVINGS	HAMMER BARK UNSCRN CHIPS UNSCRN HOG FUEL	KNIFE HOG UNSCRN OSB FLAKES
1010	250		1	1	36	.39	14.1	2.54	1.8		
1212	350		1	1	34	.67	22.8	4.10	2.8		
1418BE	492	4115J20	2	3	45	.89	40.9	7.38	5.0		
1620BE	600	1115J20	2	3	45	1.32	60.7	11.6	8.2		
2020BE	1130	4203J25	3	5	42	2.32	89.1	20.5	15.5	11	
2025BE	1288	4203J25	3	5	42	3.19	120	28	21.3	15.2	
2030BE	1470	4203J25	5	7.5	42	3.99	146	35	26.5	19.2	
2530BE	1990	4207J25	5	7.5	38	6.34	215	54	43.2	34.6	23.8
2535BE	2290	4207J25	5	7.5	38	7.36	246	63	50.4	40.2	27.7
3030BE	2865	4215J25	7.5	10	35	8.77	279	64.3	60.7	50.6	40.4
3035BE	3140	4215J25	7.5	10	35	10.6	337	77.6	73.2	61	48.8
3040BE	3650	4307J25	10	15	35	11.88	378	87.1	82.3	68.6	54.8
3045BE	4150	4307J25	10	15	35	13.89	443	102.1	96.4	80.3	64.2
3545BE	6000	4315J25	15	20	32	17.93	574	141.1	120.5	103.3	84.3
3550BE	6300	4315J25	15	20	32	20.14	645	158.5	135.3	116.0	94.7
3555BE	6800	4315J25	15	20	32	22.43	718	176.5	150.7	129.2	105.5
4545BE	8500	415J25	20	25	30	31.53	914	246.9	212.9	187.3	158.9
4550BE	9000	415J25	20	25	30	35.45	1028	277.6	239.3	210.6	178.7
4555BE	9500	415J25	20	25	30	39.42	1143	308.7	266.1	234.2	198.7

Refer to the Baum Pneumatics maintenance manual for safety and additional information regarding ESR / BE / ISOLATOR Feeders

** For certified dimension drawings contact Baum Pneumatics

* For isolators see A-1110

1.68 service factor for belt drives

MAX volume (70%) can only be achieved with a good infeed (see A-1280).

UPH = Units Per Hour
one unit equals 200 cubic feet of loose material

Weight is in pounds (Net)

Reduce RPM for light material, (slower to reduce perculating the material at the infeed of the feeder)

+ Motor, Drive and Reducer is for **Class 2** Service.

Class 3 recommended for feeders operating close to their max capacity, (use 2 15/16 shaft on 20x30 feeder and 3 7/16 shaft on 25x35)

FEEDER SIZE IS DETERMINED BY DIAMETER X LENGTH OF HOUSING DISCHARGE

