

BRIQUETTING PRESSES												
MODEL TYPE		BPR	BPA						BPL			
MODEL		BPR 70	BPA 70	BPA 80	BPA 90	BPA 105	BPA 120	BPA 140	BPL 140-110	BPL140-220	BPL 160-110	BPL160-220
		Ø 70	Ø 70	Ø 80	Ø 90	Ø 105	Ø 120	Ø 140	Ø 140		Ø 160	
Briquette Diameter	mm	40 - 90	45 - 95	50 - 140	50 - 150	50 - 150	50 - 150	60 - 150	100 - 250	100 - 250	100 - 250	100 - 250
Briquette Length	mm	40 - 90	45 - 95	50 - 140	50 - 150	50 - 150	50 - 150	60 - 150	100 - 250	100 - 250	100 - 250	100 - 250
Briquette Weight	Fe (kg)	0.8 - 2.0	0.9 - 2.2	1.6 - 2.5	3.2 - 5.3	4.2 - 7.0	6.0 - 9.0	7.5 - 11.0	10 - 18	13 - 22	13 - 22	13 - 22
	Al (kg)	0.25 - 0.7	0.4 - 0.9	0.5 - 0.8	1.2 - 2.2	1.7 - 2.9	2.0 - 3.0	2.5 - 3.7	3.3 - 6	4.3 - 7.3	4.3 - 7.3	4.3 - 7.3
	Cu (kg)	0.9 - 2.2	0.9 - 2.2	1.8 - 2.8	3.5 - 5.8	4.6 - 7.8	6.6 - 9.9	8.2 - 12.3	11 - 19.8	14.3 - 24.2	14.3 - 24.2	14.3 - 24.2
Briquette Density	Fe (Kg/dm³)	4.5 - 5.5	4.5 - 5.5	4.5 - 6.0	4.7 - 5.6	4.5 - 5.5	4.4 - 5.5	4.4 - 5.5	4.5 - 5.5	4.5 - 5.5	4.5 - 5.5	4.5 - 5.5
	Al (Kg/dm³)	1.8 - 2.4	1.8 - 2.4	1.9 - 2.5	1.9 - 2.5	1.8 - 2.4	1.8 - 2.15	1.7 - 2.2	1.9 - 2.4	1.9 - 2.4	1.9 - 2.4	1.9 - 2.4
	Cu (Kg/dm³)	5.8 - 6.3	5.8 - 6.3	6.0 - 7.8	6.0 - 7.8	5.8 - 7.5	5.8 - 7.5	5.6 - 7.2	5.8 - 7.5	5.8 - 7.5	5.8 - 7.5	5.8 - 7.5
Capacity app.	Fe (ton/hour)	0.2 - 0.5	0.16 - 0.40	0.35 - 0.6	0.8 - 1.3	1.0 - 1.75	1.6 - 2.2	1.8 - 2.7	2.0 - 3.6	2.4 - 4.3	2.6 - 4.4	3.1 - 5.3
	Al (ton/hour)	0.06 - 0.15	0.07 - 0.16	0.1 - 0.2	0.25 - 0.5	0.35 - 0.7	0.5 - 0.75	0.6 - 0.9	0.66 - 1.2	0.8 - 1.4	0.86 - 1.46	1.0 - 1.8
	Cu (ton/hour)	0.2 - 0.5	0.16 - 0.40	0.4 - 0.7	0.85 - 1.4	1.0 - 1.8	1.7 - 2.4	2.0 - 3.0	2.2 - 4.0	2.6 - 4.8	2.9 - 4.8	3.4 - 5.8
Main Drive Electric Motor	kW	22	15	37	75	75	75	2 x 75	110	2 x 110	110	2 x 110
Cooler Fan Motor	kW	0.55	0.75	0.75	0.75	0.75	2.2	5.5	5.5	5.5	5.5	5.5
Circulation Filter Motor	kW	-	1.5	3	3	3	3	11	11	11	11	11
Vibrator Motor	kW	1	1	1	1	1	1	1	1	1	1	1
Conveyor Motor	kW	2.2	2.2	2.2	2.2	2.2	2.2	4	4	4	4	4
Total Installed Power	kW	29	24	48	85	85	87	181	141	251	141	251
Clamp Force	ton	5	7	14	14	14	14	28	28	28	28	28
Clamp Diameter	mm	60	70	100	100	100	100	140	140	140	140	140
Clamp Working Pressure	mm	180	180	180	180	180	180	180	180	180	180	180
Bumper Cylinder Diameter	mm	-	-	-	-	-	-	-	560	560	560	560
Bumper Cylinder Working Pressure	bar	-	-	-	-	-	-	-	190-300	190-300	190-300	190-300
Bumper Force	ton	-	-	-	-	-	-	-	739	739	739	739
Main Compression Diameter	mm	250	250	290	350	350	350	470	450	450	450	450
Main Compression Working Pressure	bar	180 - 300	180-300	150-300	180-300	180-300	180-300	200-300	190-300	190-300	190-300	190-300
Main Compression Force (Max.)	ton	147	147	198	289	289	289	520	477	477	477	477
Working Pressure max.	bar	300	300	300	300	300	300	300	300	300	300	300
Cycle (with material)	sec	15	20	15	14	14	14	14	18	14	18	14
Machine Weight	ton	2	7	8	12.5	12.5	12.5	37	40	42	41	43
FIGURE		A	B	B	B	B	B	B	C	C	C	C