

**MILLING & PROCESSING EQUIPMENT****Crushers, Double Roll**

(See Appendix for capacities and additional specifications)

Appendix for capacities and additional specifications)						CAPITAL COST
SPECIFICATIONS						
DESCRIPTION	WEIGHT (lbs)	WEIGHT (kgs)	MOTOR TYPE/INCL.	HP		
<b>Single Stage</b>						
4 stph (3.6 mtpb) capacity, 12 in (30.5 cm) roll diameter, 12 in (30.5 cm) feed width	3,600	1,633	e n	5	\$58,000	
6 stph (5.4 mtpb) capacity, 12 in (30.5 cm) roll diameter, 24 in (61.0 cm) feed width	4,400	1,996	e n	10	63,500	
250 stph (227 mtpb) capacity	10,000	4,536	e n	150	139,000	
3,600 tph (3,266 mtpb) capacity, 30 in (76.2 cm) roll diameter, 100 in (254 cm) feed width	26,000	11,794	e n	1,000	376,000	
<b>Double Stage</b>						
1,000 stph (907 mtpb) capacity, 18 in (45.7 cm) roll diameter, 60 in (152 cm) feed width	8,000	3,629	e n	500	214,500	
2,000 stph (1,814 mtpb) capacity, 24 in (13.1 cm) roll diameter, 80 in (203 cm) feed width	20,000	9,072	e n	800	385,000	
2,500 stph (2,268 mtpb) capacity, 30 in (76.2 cm) roll diameter, 80 in (203 cm) feed width	42,000	19,051	e n	1,000	515,000	
<b>Primary Double Roll Crushers (includes feed hopper and product conveyor)</b>						
1,000 stph (907 mtpb) capacity, 30 in (76.2 cm) roll diameter, 44 in (112 cm) feed width	80,000	36,288	e n	350	549,000	
2,000 stph (1,814 mtpb) capacity, 36 in (91.4 cm) roll diameter, 72 in (183 cm) feed width	260,000	117,936	e n	400	617,000	

**Crushers, Gyratory**

(See Appendix for capacities and additional specifications)

SPECIFICATIONS					CAPITAL COST
DESCRIPTION	WEIGHT (lbs)	WEIGHT (kgs)	MOTOR TYPE/INCL.	HP	
30 in x 60 in (76.2 x 152 cm)	141,700	64,275	e n	250	\$1,724,000
42 in x 65 in (107 x 165 cm)	332,500	150,822	e n	400	2,304,000
54 in x 75 in (137 x 191 cm)	537,100	243,629	e n	500	4,382,000
60 in x 90 in (152 x 229 cm)	885,000	401,436	e n	700	7,434,000
60 in x 110 in (152 x 279 cm)	1,230,400	558,109	e n	1,000	10,255,000
72 in x 124 in (183 x 315 cm)	1,450,000	657,720	e n	1,400	13,250,000

**Crushers, Standard Hammermill**

SPECIFICATIONS					CAPITAL COST
DESCRIPTION	WEIGHT (lbs)	WEIGHT (kgs)	MOTOR TYPE/INCL.	HP	
11 in x 10 in (28 x 25 cm) feed opening, max. capacity 6 st/hr (5.4 mt/hr)			e n	10	\$61,500
17 in x 25 in (43 x 64 cm) feed opening, max. capacity 15 st/hr (13.6 mt/hr)			e n	30	71,500
21 in x 41 in (53 x 104 cm) feed opening, max. capacity 75 st/hr (68 mt/hr)			e n	150	128,000
32 in x 31 in (81 x 79 cm) feed opening, max. capacity 125 st/hr (113 mt/hr)			e n	250	154,500
32 in x 40 in (81 x 102 cm) feed opening, max. capacity 150 st/hr (136 mt/hr)			e n		169,500
36 in x 60 in (91 x 152 cm) feed opening, max. capacity 300 st/hr (272 mt/hr)			e n	600	643,000
46 in x 61 in (117 x 155 cm) feed opening, max. capacity 500 st/hr (454 mt/hr)			e n	800	717,000
61 in x 61 in (155 x 155 cm) feed opening, max. capacity 600 st/hr (544 mt/hr)			e n		783,000
73 in x 83 in (185 x 211 cm) feed opening, max. capacity 1,500 st/hr (1,361 mt/hr)			e n		1,500,000