

Model 100 Crumbler

An efficient, economy-type crumbler, the Model 100 is easy to install, requires little space and has a design simplicity that results in a minimum of maintenance.

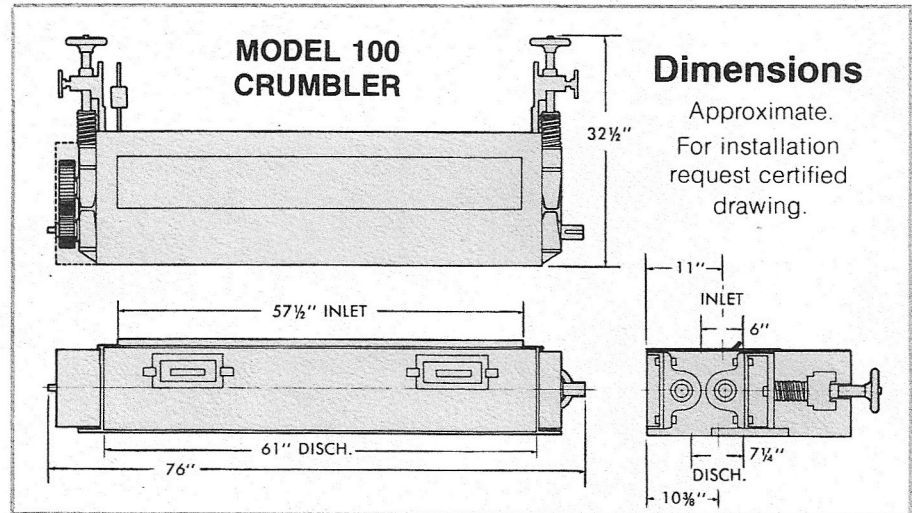
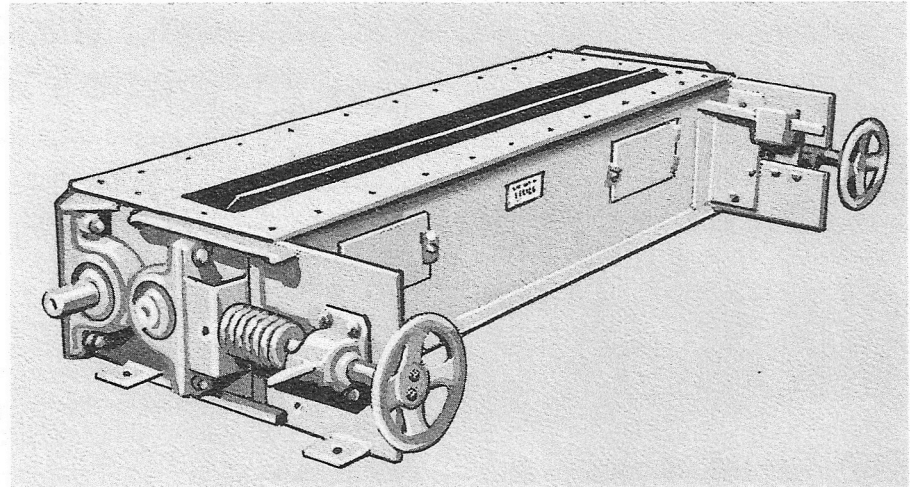
It has all the design and operational features of the Model 960 Crumbler except differential drive. The 6" diameter x 60" long rolls of the Model 100 receive their differential rotation from a gear and pinion drive.

Specifications

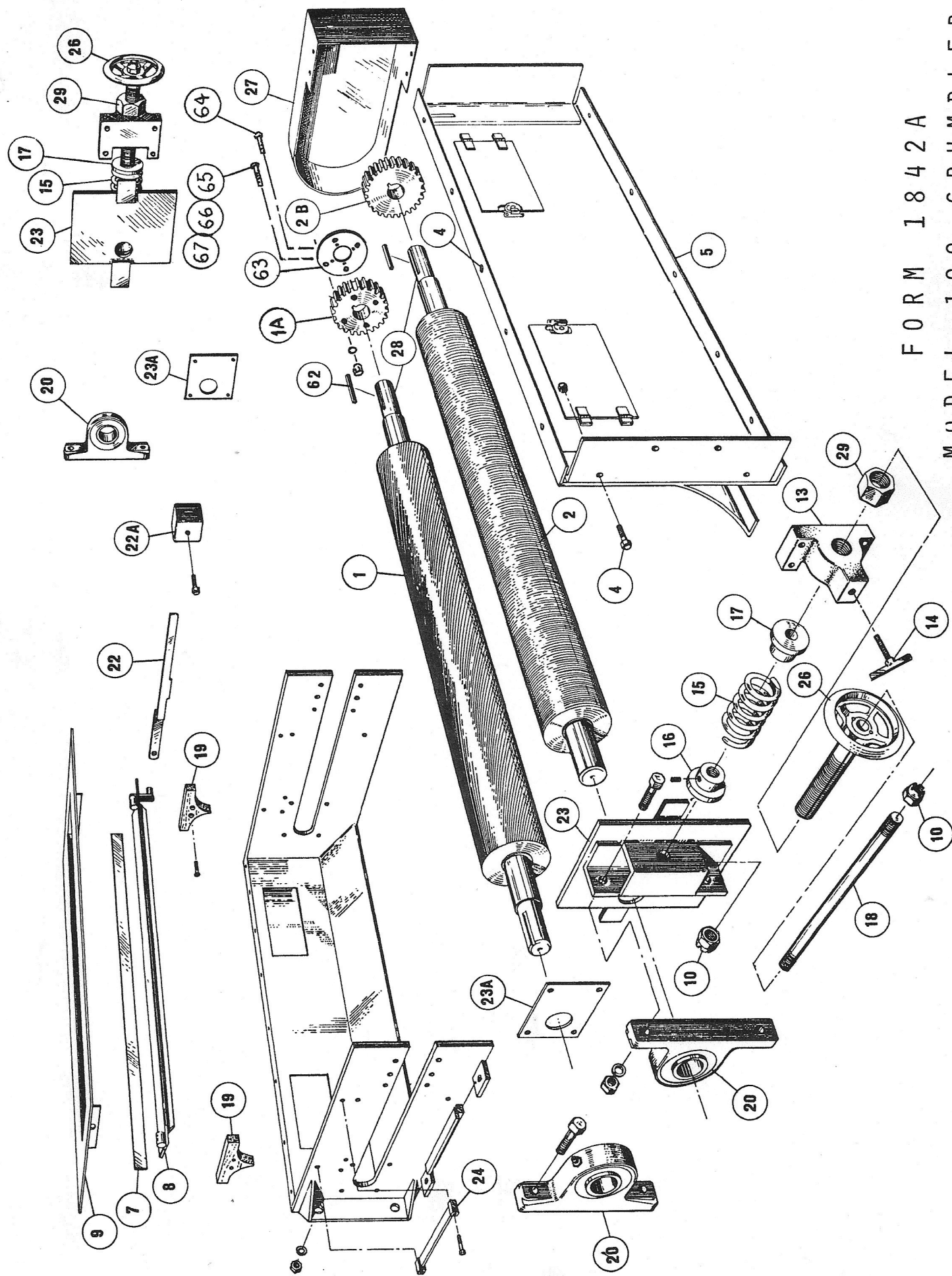
Approximate Weight 1,350 lbs.
HP Requirements 10
Average Capacity 12 tons/hr.
(On properly cooled and dried pellets up to 3/16" diameter)

Roll Feeder

If the crumbler is remote from the pellet cooler, a roll-type feeder is required for even distribution of pellets over the entire roll surface. The feeder assembly, accessible through a full-length inspection panel, has flange-mounted anti-friction bearings. Drive is by roller chain from the fast roll of the crumbler.



FORM 1842A
MODEL 100 CRUMBLER



PARTS LIST
MODEL 100 CRUMBLER
SEE FORM 1842A

<u>PART NO.</u>	<u>QTY.</u>	<u>DESCRIPTION</u>
1	1	ROLL, FAST, DRIVEN, #8 SHARP, SW/K STD.
1A	1	PINION, MICARTA, 24 TOOTH, SW/K STD.
2	1	ROLL, SLOW, #10 THREAD CUT, SW/K STD.
2B	1	GEAR, CUT, C.I. 36 TOOTH, SW/K STD.
4	16	BOLT, HEX HD., 5/16"-18NC X 3/4" LG.
5	1	END PLATE ASSY., REMOVEABLE
7	1	SLIDE
8	1	VALVE, BY-PASS
9	1	COVER PLATE WITH SLIDE
10	4	NUT, CASTLE, 5/8"-11NC
13	2	BLOCK, CLAMP, C.I.
14	2	SCREW, BLOCK CLAMP, SPECIAL
15	2	SPRING, COMPRESSION, .531 DIA., 2-3/16 P.D.
16	2	SEAT, SPRING, 5/8" TAP
17	2	SEAT, SPRING, 11/16" DIA. HOLE
18	2	ROD, TENSION
19	2	BAFFLE, ALUMINUM/MAPLE
20	4	BEARING, LAO, 1-15/16 PILLOW BLOCKS
22	1	LEVER, VALVE OPERATED
22A	1	WEIGHT, C.I.
23	2	BEARING SLIDE ASSEMBLY
23A	2	PLATE, COVER
24	2	GUIDE, TOP BEARING
26	2	WHEEL, HAND, WITH ADJUSTING SCREW
27	1	GUARD, GEAR
29	2	NUT, STOP, ROLL ADJUSTING SCREW
62	2	KEY, G1B, 1/2" SQ. X 2-1/2" LG.
63	1	RETAINER, GEAR
64	4	SCREW, MACH. NO. 10-24 X 3/8 FLAT HD.
65	4	SCREW, MACH. NO. 1/4-20 X 2-3/4 FLAT HD.
66	4	NUT, 1/4 HUGLOCK
67	4	WASHER, 1/4 PLAIN