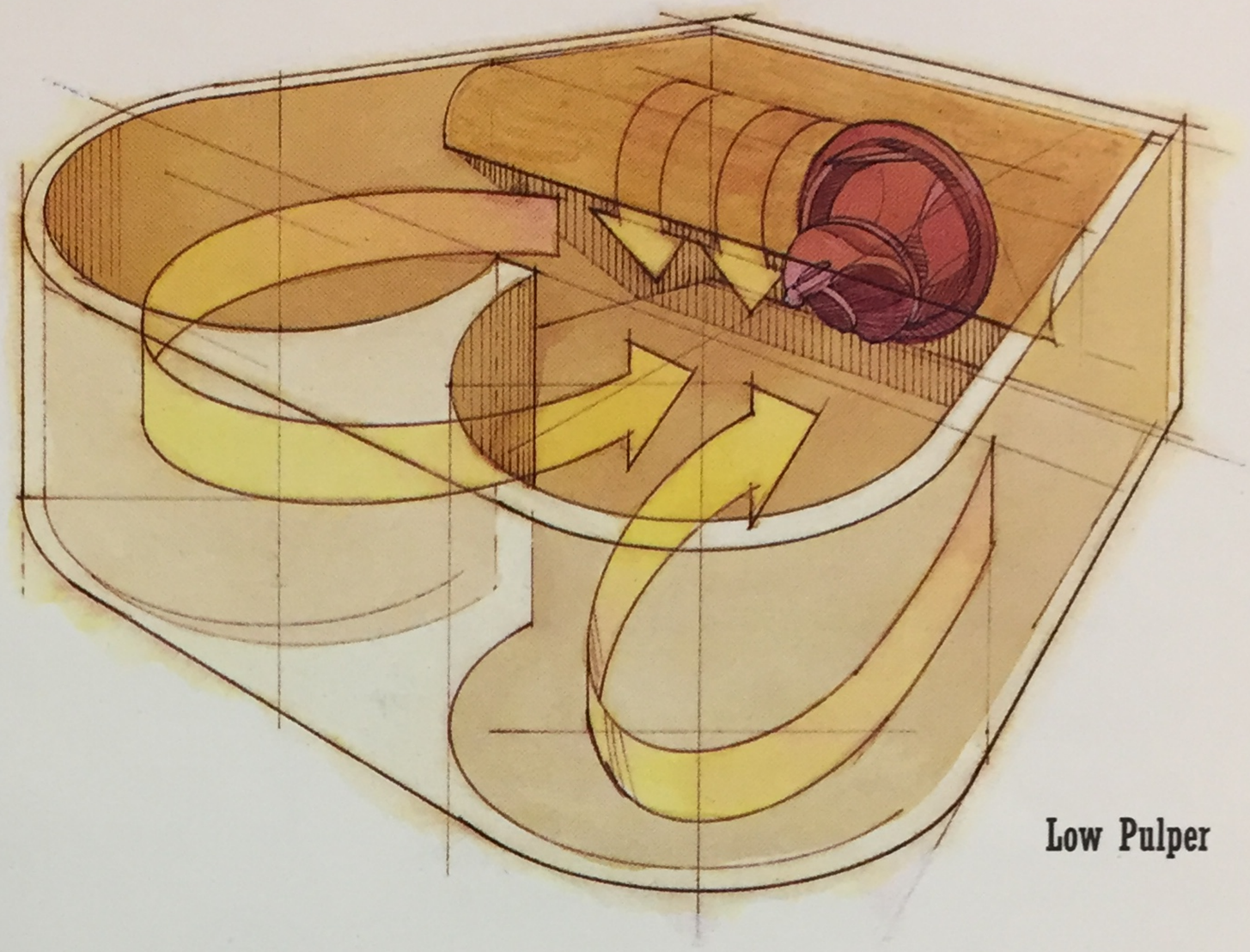
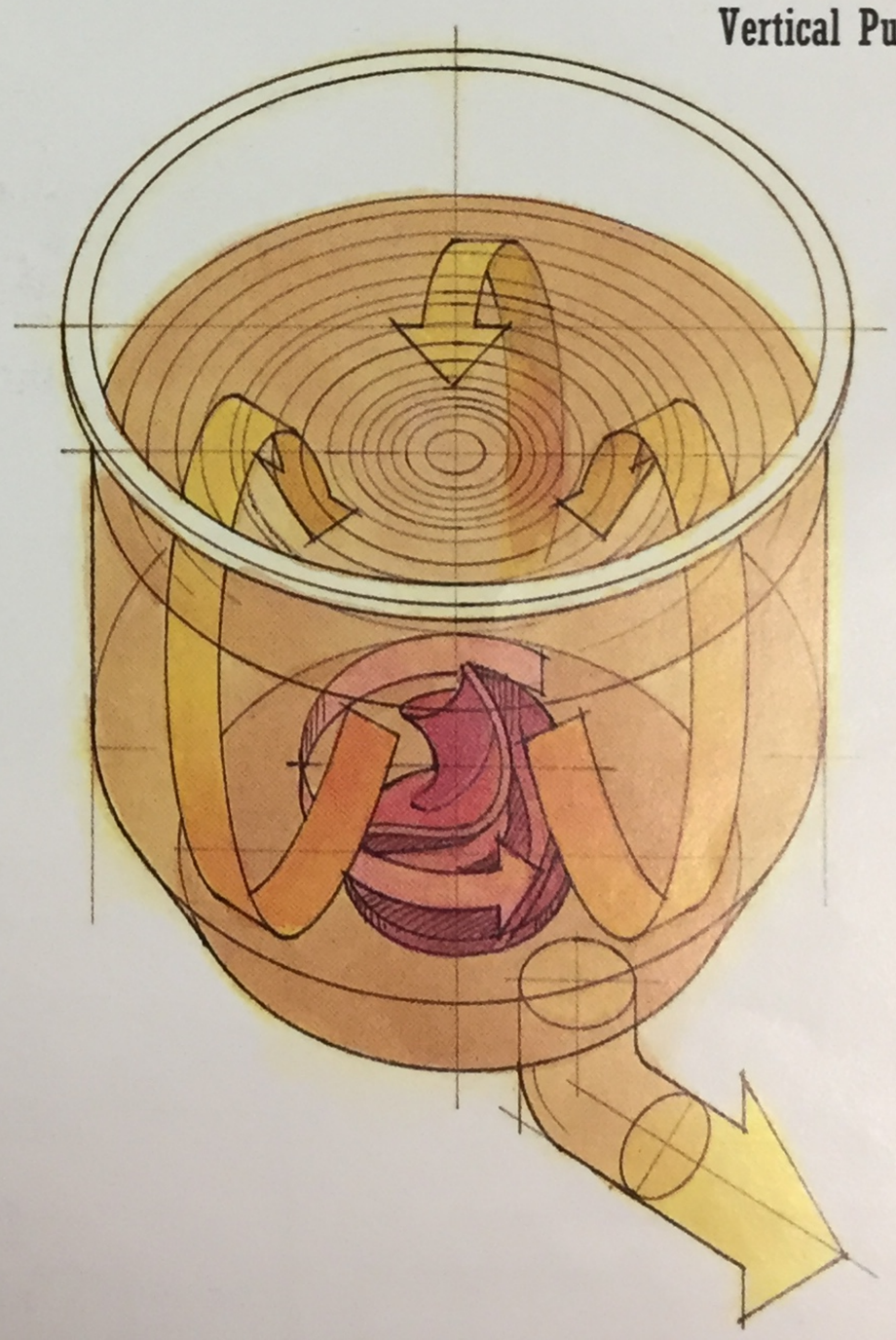
Bird Low and Vertical Pulpers



Low Pulper

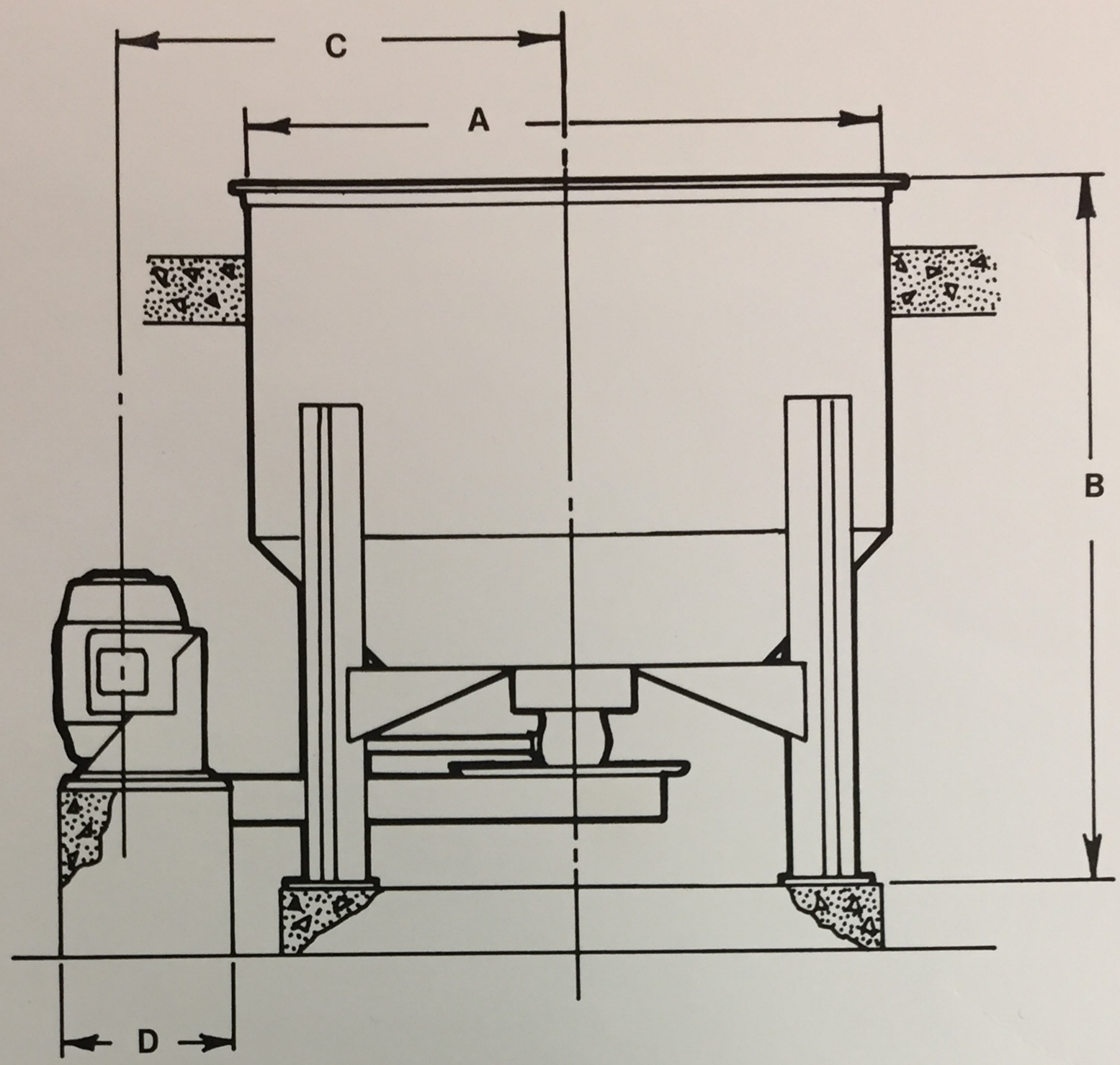
Vertical Pulper



Processes machine broke efficiently. Offers rapid slushing with low energy requirements.

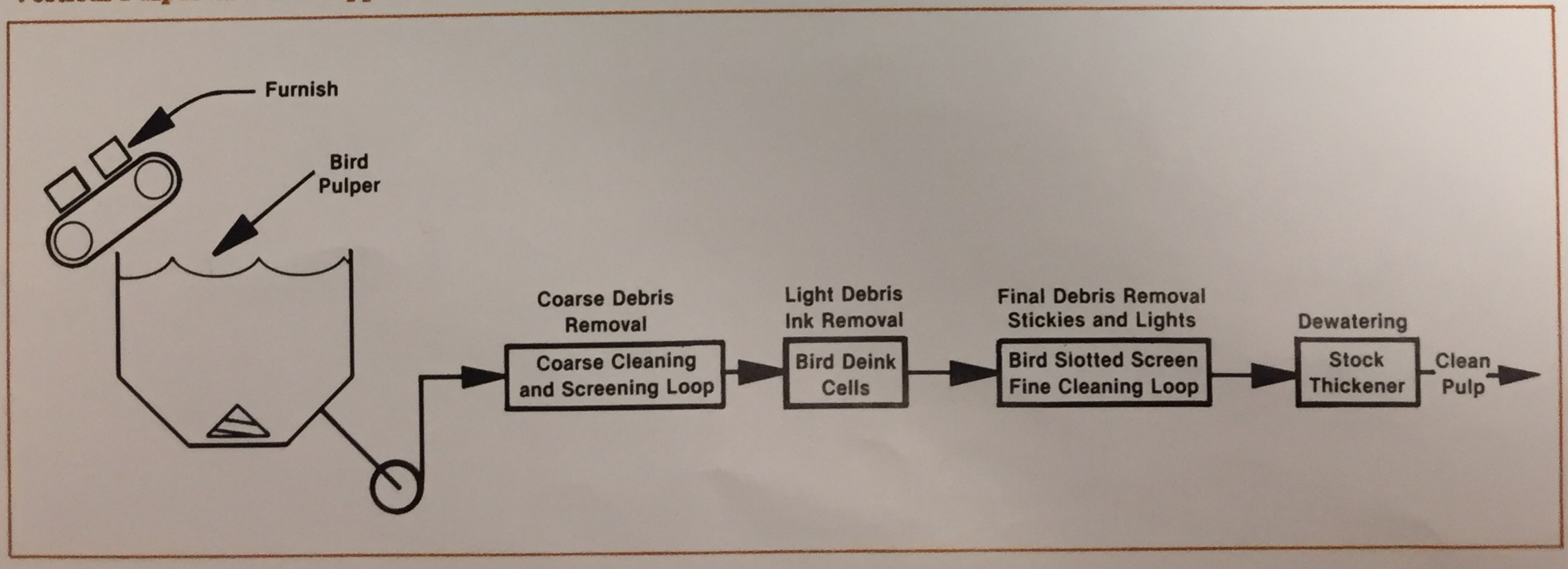
BIRD

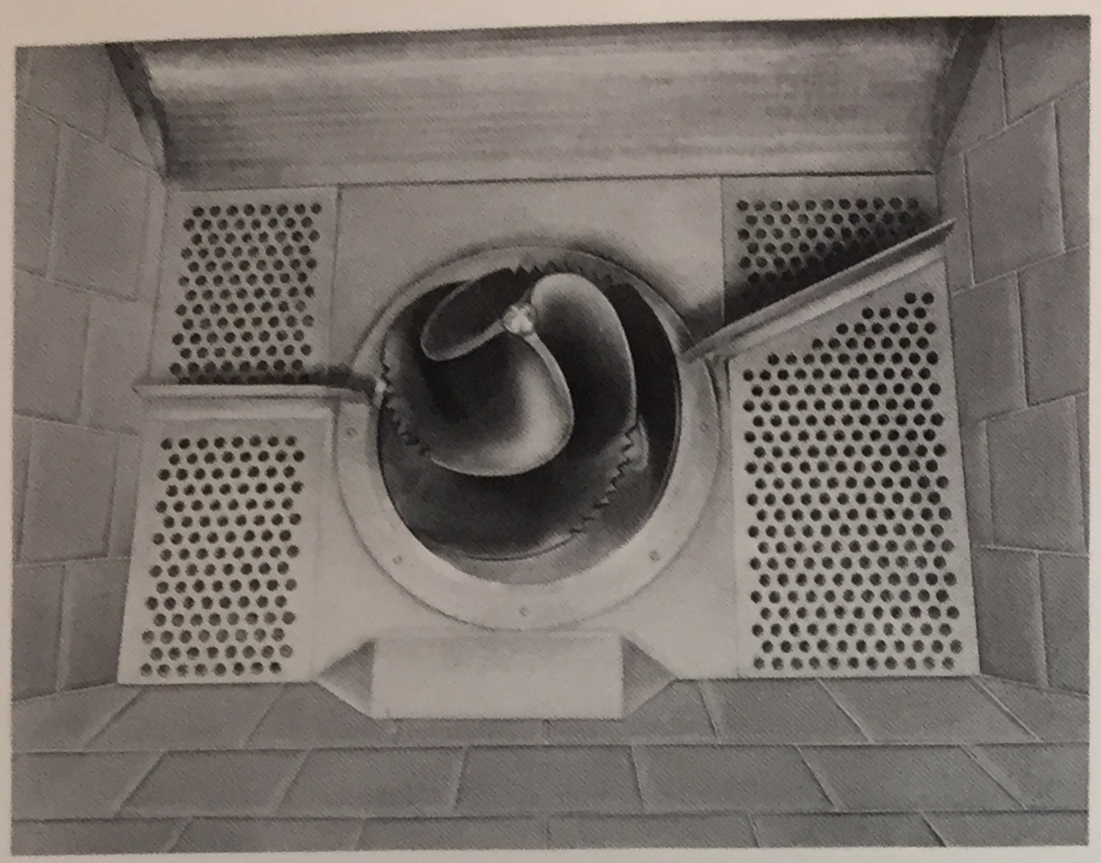
Vertical Pulper Specifications



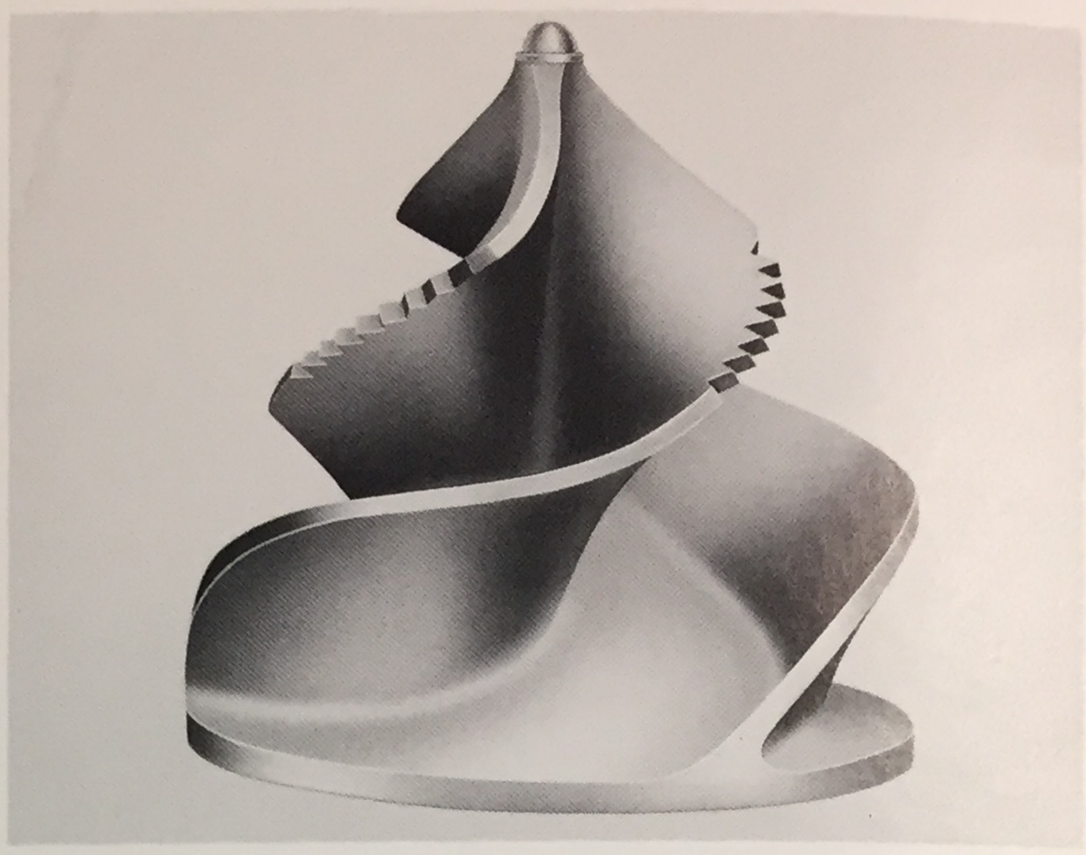
Size	Volume Gallons	Capacity @ 6% Consistency Pounds	Motor HP	Rotor RPM	Rotor Dia (in Inches)	Dimensions (inches) A	B	C	D
1	260	130	10	513	16	47-1/4	72	36	31
2	530	260	20	655	16	59	78	39	31
3	800	400	25	697	16	71	93-1/4	46	31
5	1,300	660	40	871	16	86-5/8	109-7/8	57	31
8	2,150	1,080	50	423	25	106-1/4	112-3/4	74	31
12	3,200	1,600	75	487	25	118-5/8	126	73	31
18	4,750	2,400	125	577	25	138-1/4	147-3/4	85	36
25	6,600	3,300	200	678	25	157-1/2	155-5/8	86	40
36	9,500	4,800	200	286	41	157-1/2	186	96	38
50	13,100	6,600	300	295	41	187	207	Gear Drive	

Vertical Pulper in Deink Application





End frame of Low Pulper showing rotor.



Bird's original screw type rotor design.

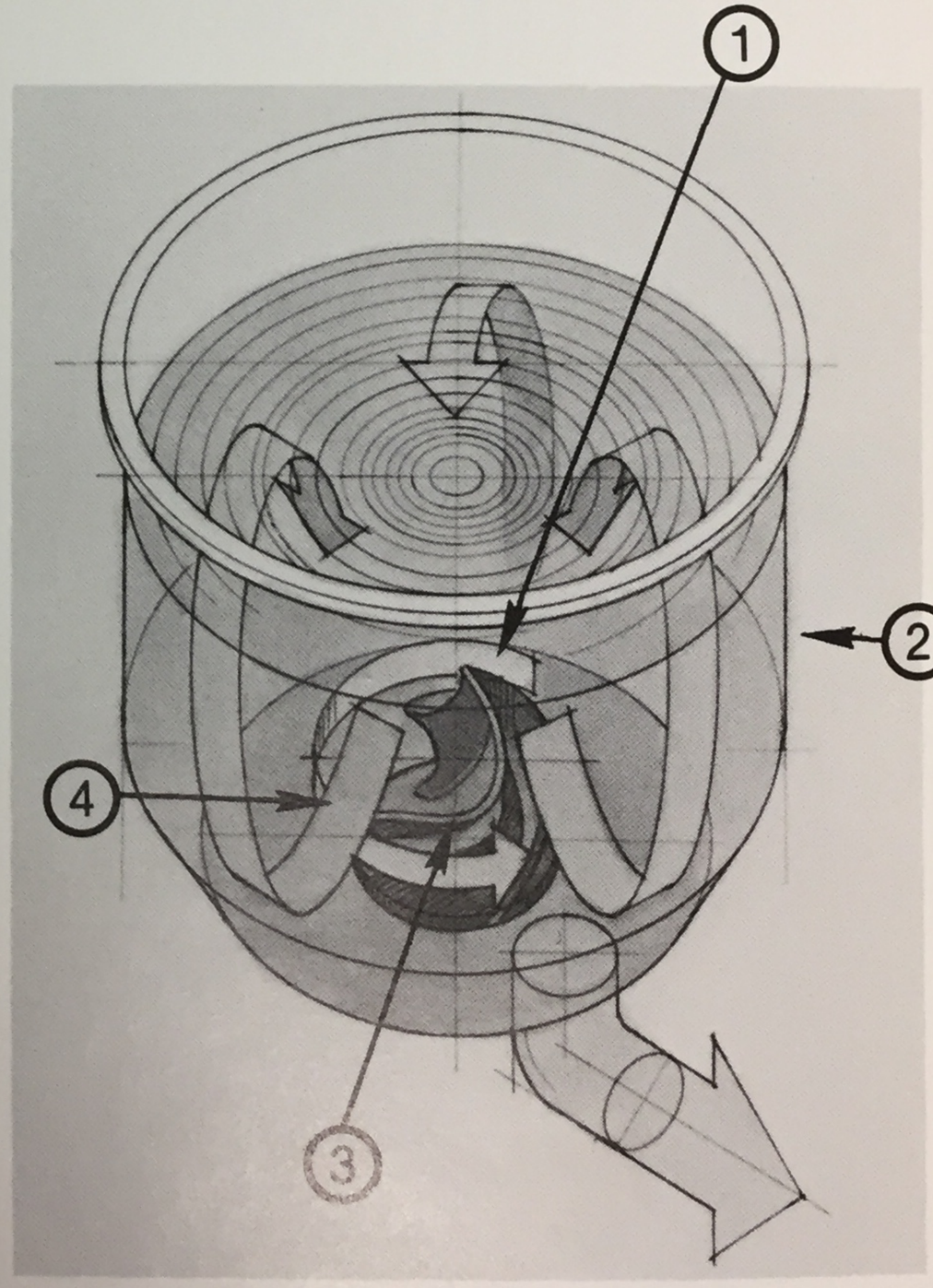
Vertical Pulper - Features

① *Low horsepower consumption* results from the high acceleration of pulping entering the rotor zone. (Flat rotors in some pulpers cause pulp to stop and reverse direction thus requiring higher horsepower). 100% of the energy is used for pulp circulation and none for pulp attrition.

② *No fiber or debris degradation* since unique vat and rotor design give gentle fiber to fiber shearing action.

③ *High consistency operation handled easily* because of rotor design and acceleration of pulp in the rotor zone.

④ *Very low maintenance* results from simple mechanical design and a long life rotor.



Typical Applications:

Batch or Continuous
Deinking
Market Pulp
Roll Slabs
Fiberglass Dispersion