

CONDITIONING



U.S. Patent Serial No. 357,872

The Dual Shaft Conditioning Cylinder enables the operator to incorporate a combination of low steam pressure injected at multiple inlets and adjustable product retention time. This provides the system operator with a whole new level of product quality control.

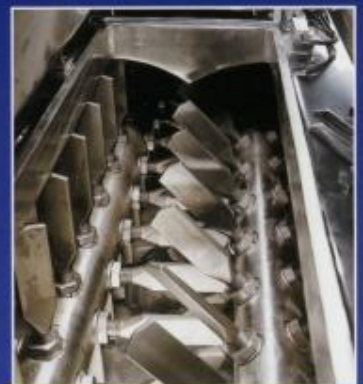
It is the answer to increased nutritional values and production quality.

As finished product quality and nutritional values increase, preconditioning is becoming a vital part to any production process. Extru-Tech's Dual Shaft Conditioning Cylinder will enable you to meet these increasing demands as well as provide these benefits:

- High Liquid Addition
- Low Energy Consumption
- Variable Retention Times
- Low Coefficient of Variation
- Starch gelatinization levels attainable between 40% and 45%
- Temperature Over 90°C
- Human Food Hygienic Grade Equipment
- Entire Family of Sizes for Varying Needs

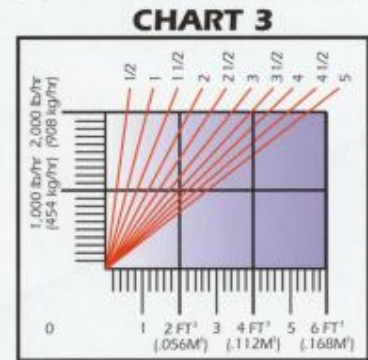
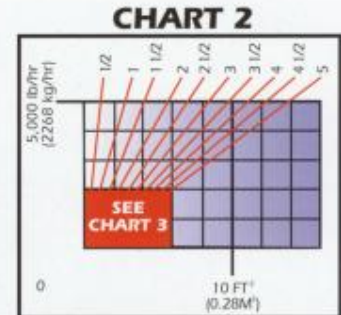
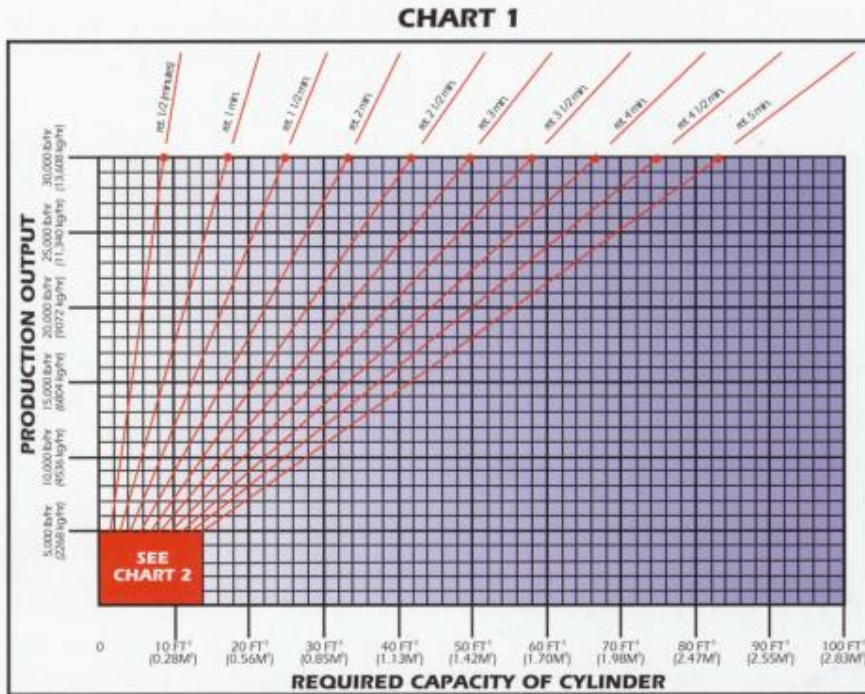
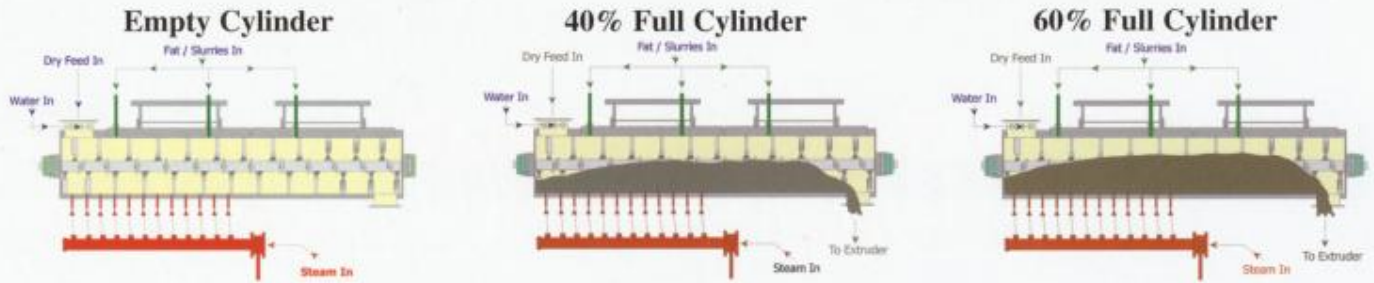
It features total hygienic operation with unmatched performance.

The Dual Shaft Conditioning Cylinders can be constructed to meet human food hygiene standards. The history of high performance and low maintenance will make it a vital asset to any system. Extru-Tech's Dual Shaft Conditioning Cylinders are available in an entire family of sizes, one sure to fit your system.



Isn't it time you investigate the benefit of a proven preconditioner in your system?
Call today for detailed information.

Maximizing Conditioning Efficiency



VOLUME CAPACITIES OF EXTRU-TECH INC. DUAL CONDITIONING CYLINDERS		TOTAL VOLUME		**WORKING VOLUMES					
				100% FULL		60% FULL		40% FULL	
		FT ³	M ³	FT ³	M ³	FT ³	M ³	FT ³	M ³
	24 X 144	64.02	1.81	53.70	1.52	32.22	0.91	21.48	0.61
	24 X 120	53.35	1.51	48.15	1.36	28.89	0.82	19.26	0.55
	20 X 120	37.42	1.06	32.23	0.91	19.40	0.55	12.89	0.36
BASED ON DRY FEED RATES WITH A DENSITY OF 30 LBS/FT ³ (480 GRAMS/LITER)	20 X 91	28.07	0.79	23.83	0.67	14.30	0.40	9.53	0.27
	16 X 72	14.58	0.41	11.74	0.33	7.04	0.20	4.69	0.13
	10 X 72	5.61	0.16	4.72	0.13	2.83	0.08	1.89	0.05
	10 X 45	3.51	0.10	2.77	0.08	1.66	0.05	1.11	0.03
	6 X 40	1.17	0.03	0.96	0.03	0.58	0.02	0.38	0.01
	6 X 30	0.87	0.02	0.69	0.02	0.41	0.01	0.28	0.01

*Total volume equals volume within the cylinder housing.

**Working volume equals total volume minus the area taken up by cylinder shafts, beaters, and discharge. Pitch of intermeshing beaters determines level of fill.



CORPORATE OFFICE
 P.O. Box 8 • 100 Airport Road
 Sabetha, KS 66534, USA
 PHONE 785-284-2153 • FAX 785-284-3143
 extru-techinc@extru-techinc.com
 www.extru-techinc.com

SALES OFFICE
 10920 Ambassador Dr. • Suite 415
 Kansas City, MO, 64153 USA
 PHONE 816-880-0468
 FAX 816-880-9567