

Conditioning

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.

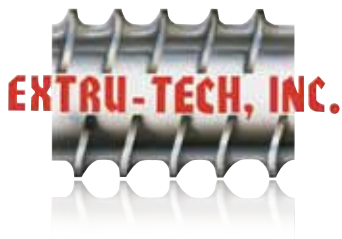
As finished product quality and nutritional values increase, preconditioning is becoming a vital part to any production process. Extru-Tech's Dual Shaft Conditioning Cylinder will enable you to meet these increasing demands as well as provide these benefits

- 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.

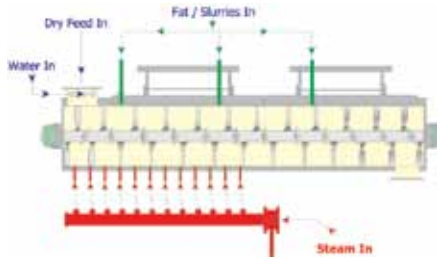
Isn't it time you investigate the benefit of a proven preconditioner in your system? Call today for detailed information.



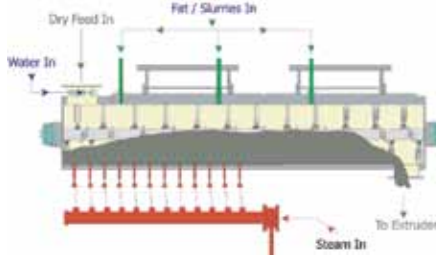
Maximizing Conditioning Efficiency



Empty Cylinder



40% Full Cylinder



60% Full Cylinder

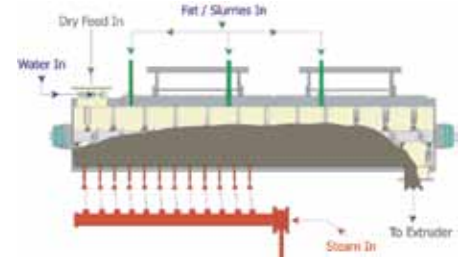


CHART 1

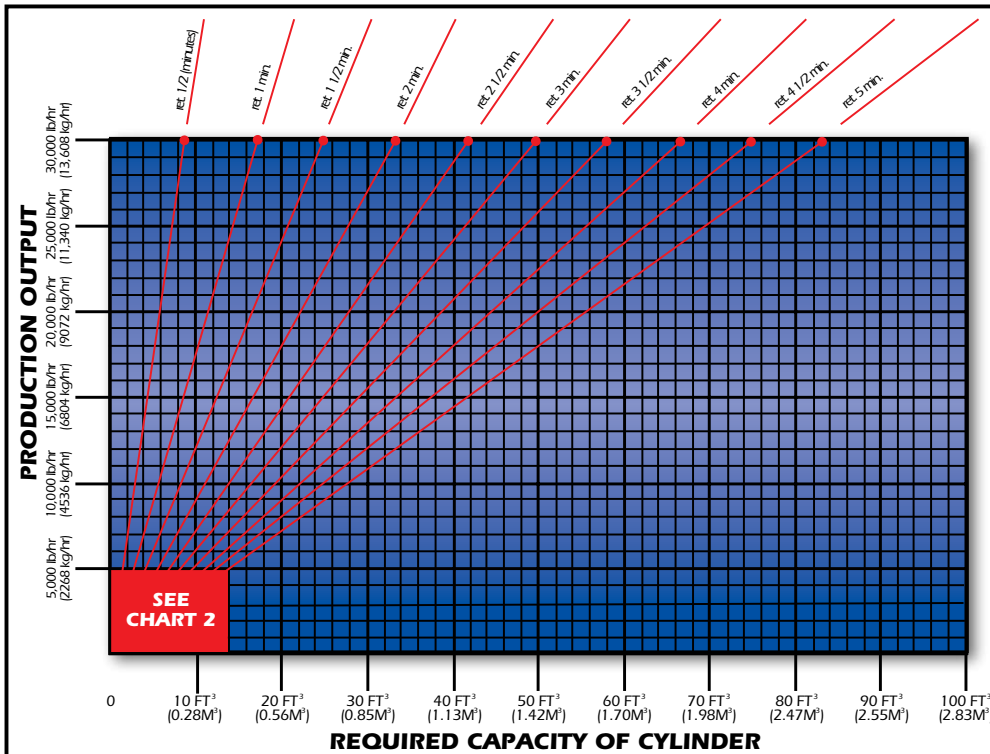


CHART 2

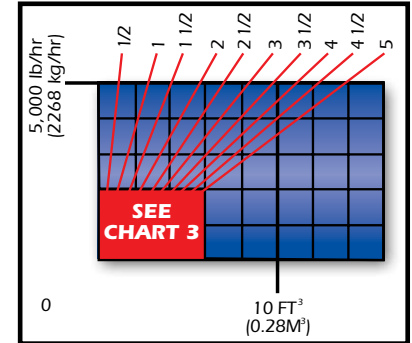
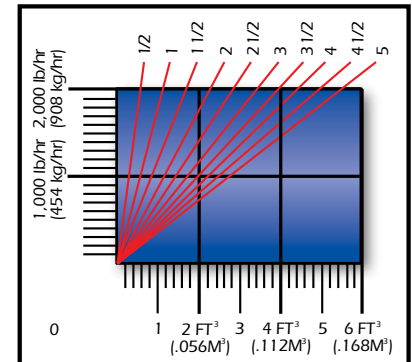
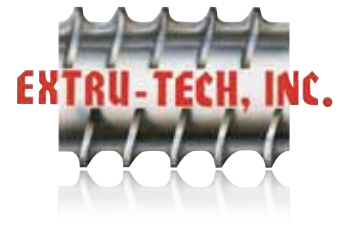


CHART 3



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
24X144	64.02	1.81	53.70	1.52	32.22	0.91	21.48	0.61
24X120	53.35	1.51	48.15	1.36	28.89	0.82	19.26	0.55
20X120	37.42	1.06	32.23	0.91	19.40	0.55	12.89	0.36
20X91	28.07	0.79	23.83	0.67	14.30	0.40	9.53	0.27
16X72	14.58	0.41	11.74	0.33	7.04	0.20	4.69	0.13
10X72	5.61	0.16	4.72	0.13	2.83	0.08	1.89	0.05
10X45	3.51	0.10	2.77	0.08	1.66	0.05	1.11	0.03
6X40	1.17	0.03	0.96	0.03	0.58	0.02	0.38	0.01
6X30	0.87	0.02	0.69	0.02	0.41	0.01	0.28	0.01



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*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.

