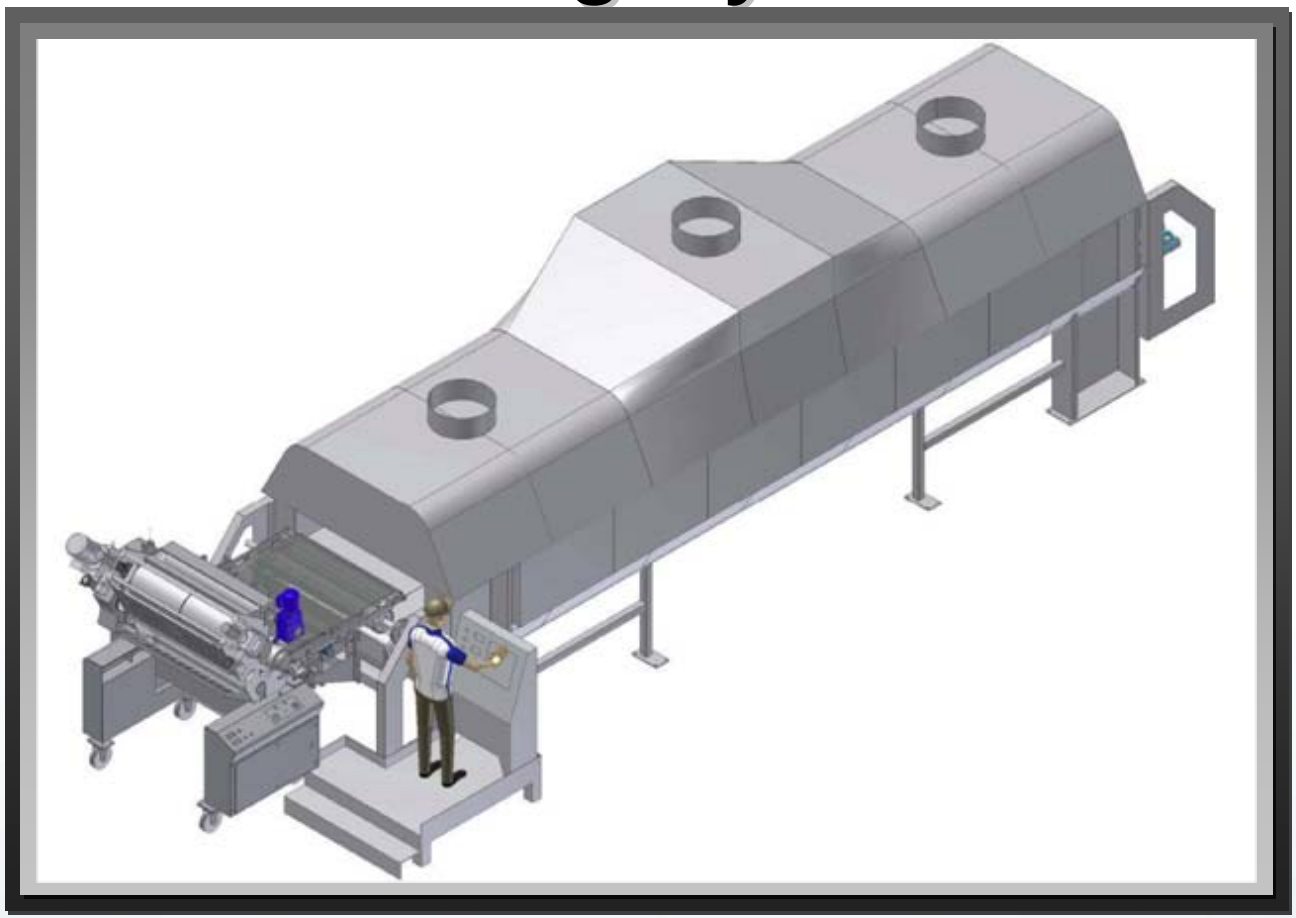
J.C. FORD COMPANY

Sheeting Systems - 2011

Sheeting Systems



Corn Tortilla & Tortilla Chip Production

Evolution of the Sheeter

- Increased Roller Integrity
- Eccentric Roller Positioning System (patented)
- “ATC System” (patented) Automatic Thickness Control
- Thickness Recording Charts

Cost of Poor Sheeting

Costing Worksheet - .5 Grams/Tortilla Over

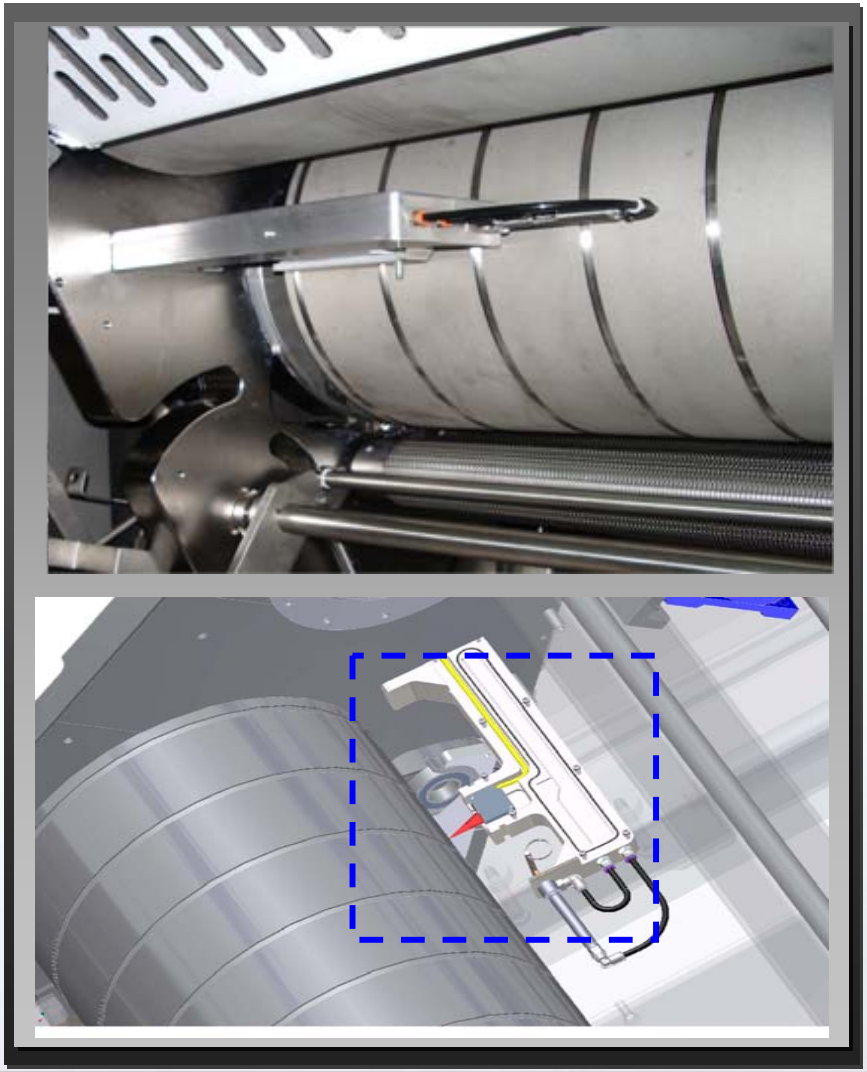
Lines	Tortillas/Hr	Grams Over	Lbs/Hr	Day (16 Hrs)	Week (6 Days)	Year (52 Weeks)
1	72000	0.5	79.47	1271.52	7629.14	396715.23
2	144000	0.5	158.94	2543.05	15258.28	793430.46
3	216000	0.5	238.41	3814.57	22887.42	1190145.70

		Cost/Pound	Cost/Hr	Day	Week	Year
1	72000	$0.25	$19.87	$317.88	$1,907.28	$99,178.81
2	144000	$0.25	$39.74	$635.76	$3,814.57	$198,357.62
3	216000	$0.25	$59.60	$953.64	$5,721.85	$297,536.42

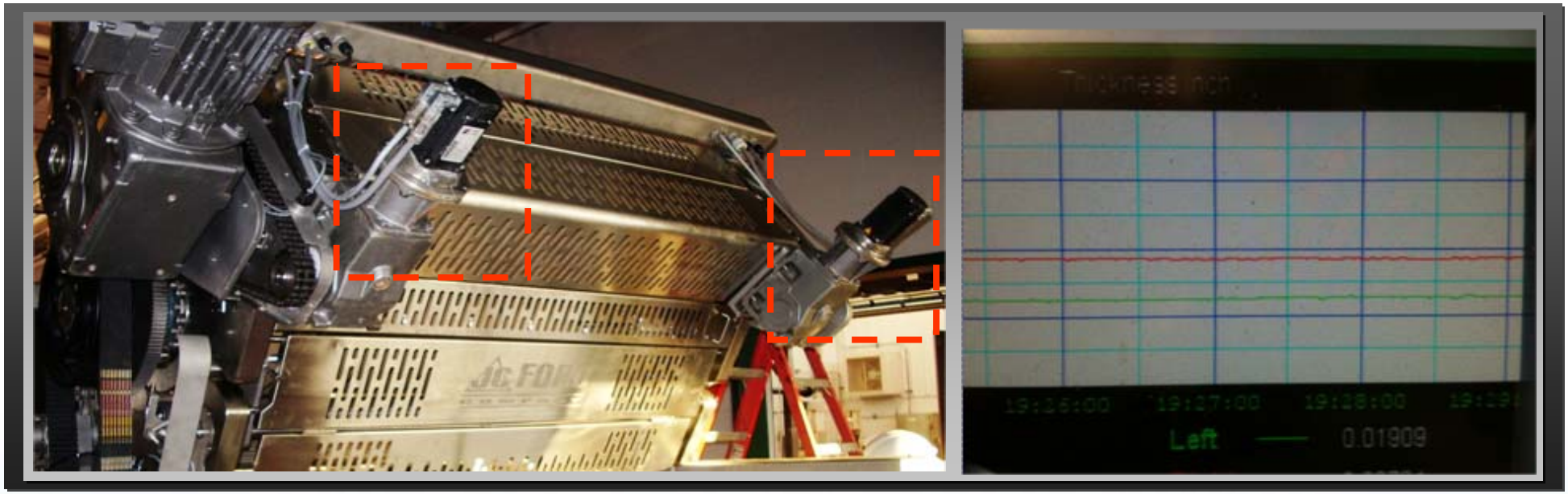
- Cost of overshooting target product weight by .5 gram/tortilla at 6,000 dz/hr cost ~$100,000/year.

“ATC” Automatic Thickness Control System

- Masa scanning laser sensors are used to monitor and record masa thickness throughout the day.
- Data is processed and necessary adjustments are made automatically via servo motors.
- Systems maintains product weights and eliminates operator interaction.

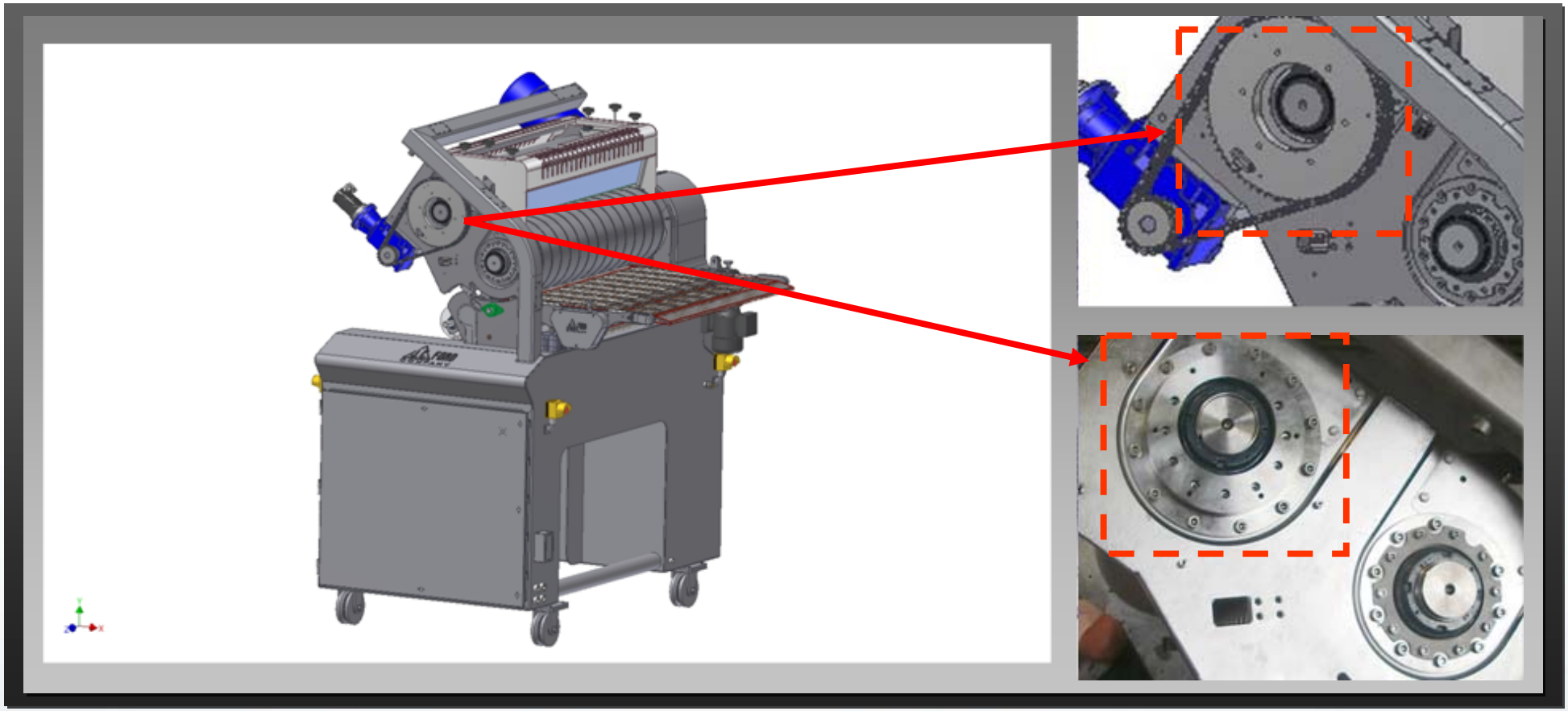


“ATC” Automatic Thickness Control System



- Servo motors coupled to heavy-duty gearboxes along with eccentric roller positioning maintain masa thickness tolerances up to .0005”.
- Increasing material costs create an even higher demand to hold tighter tolerances and maintain product weights

Eccentric Roller Positioning System



- Using an eccentric adjustment system gives huge mechanical advantage over more traditional methods. Pressure is transferred to the 2” thick side frame, not the adjusting linkage.

Meeting the Demands of Tomorrow