

APPLICATION STORIES

Customer:	A textile plant in the Southeast
Industry:	Textile
SIC Code:	3552
Location:	Tennessee
Department:	
Retrofit or OEM:	Retrofit
Machinery Involved:	A Forthman Label Processor
Description of Environment:	24 hour per day duty cycle, dust and dirt contamination. This label cutting machine is cleaned with compressed air every 8 hour shift.
Description of Problem:	Linear ball bearings were clogging with dust, causing the cutting blades to misalign and not cut accurately. The blades would then have to be readjusted, increasing wear and shortening their life. This downtime was unacceptable to the plant.
Solution:	Retrofitted the guillotine knives with Simplicity FLC08 compensated bearings for greater running clearance and precision FL08 bearings on GB knives. Shafting was replaced at the same time the bearings were installed.
Customer Reaction to Solution:	Simplicity handles the contamination better than the linear ball bearings. The shafting has not been damaged in two years of operation. Downtime has decreased on these machines by 90%. Their problems have disappeared on this machine. They're beginning to investigate additional applications throughout the plant.
Simplicity Part Used:	FLC08, FL08
Qty of Bearings Used:	4 FLC08 per machine, 2 FL08 per machine, numerous machines in the plant
Date of Installation:	1991
Photos Available:	No
Illustrations Available:	No
Application Write Up Available:	Yes

