CUSTOMER TESTIMONIAL

POWERTWIST

PowerTwist Link Belting Energy Savings Study

Test Location: Times of India News Paper (Print Media)

Product Tested: PowerTwist Link V Belt B-Section

Application: Air Handling Unit (AHU), Stepping Machines

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Table 8.6: Energy Saving Potential by Replacement of Rubber V Belts with PowerTwist V belts			
S.No.	Name of Press/Machine	Motor Actual Power Consumption kW	Energy Saving Potential per Year in kWh
1	Printing Press M-1 Slave	82.4	6,722
2	Printing Press M-2 Slave -2	47.5	4,519
3	Printing Press M-2 Slave -1	31.3	2,977
4	Printing Press M-2 Master	85.9	8,182
5	Printing Press M-3 Slave -1	51.6	4,910
6	Printing Press M-3 Slave -2	51.6	4,910
7	Printing Press M-3 Master	84.8	8,069
Total Energy Saving Potential per Year (average 7 hours operation of press per day and 340 days per year)			40,289
Energy Cost Saving Potential per Year (energy cost of Rs 7.63 per kWh)			Rs 3,07,405
Investment			Rs 1,57,000
Payback Period			0.5 years or 6 months
% ROI			195.8

Conclusion: Results of study showed significant energy savings

with the use of PowerTwist Link V Belts. Annual

energy cost saving potential is Rs 3,07,405

(at Rs 7.63 per kWh).



Case Study Results:

Annual Energy Cost Saving Potential

Rs 3,07,405 \$4,578

ROI: 196%











