



**SCHWING
Stetter**

SMART DRUM

Schwing-Stetter

Mixer

Automatic

Revolution

Technology



Gain control of drum rpm with the new SMART Drum option from Schwing-Stetter. The benefits of a constant speed drum are combined with an innovative control system to optimize drum rpm...automatically. No need to monitor or remind drivers to set a constant speed - SMART Drum does it for you by making drum rpm independent of engine rpm. When your driver accelerates

past threshold speed, SMART Drum takes over and the drum speed is held constant.


Using industry trip and distance averages, SMART Drum extends the life of the drum more than 50 percent. Because drum speed is held constant the mix quality improves. And low drum rpm keeps the center of gravity constant for stability you can

feel. Enjoy less horsepower draw and fuel savings from fewer drum rotations and you can see how SMART Drum from Schwing-Stetter improves your bottom line every day.

Cab mounted light bar notifies driver of automatic SMART Drum activation.



The *SMART* STORY.

	SMART CONTROLS	INDUSTRY AVERAGE
MIXER INDUSTRY CYCLE NUMBERS		
Loading at Plant (2 min. @ 18 RPM)	36	36
Mixing (3 min. @ 16 RPM)	48	48
Travel Time (30 min. @ Avg. Drum RPM)	30	90
Discharge Revolutions	36	36
Return Travel (1/3 of the trips include returned concrete)	10	30
Total Drum Revolutions	160	240
DAILY CYCLE		
Trips per Day	4	4
Total Drum Revolutions per Day	640	960
Drum Revolutions Saved Per Day with Smart Drum	320	
THE <i>SMART</i> STORY		
Total Rev per Year (600 Rev per Day x 200 Operating Days)	128,000	192,000
Total Revs Saved per Year with Smart Drum	64,000	
Total Revs in 5.6 Years	716,800	1,075,200
Total Revs Saved with Smart Drum (Over 5.6 Years)	358,400	
Extended Drum Life (Years) with Smart Drum	2.80	
Total Drum Life with Smart Drum	8.40	
Drum Replacement	\$10,000	\$10,000
Yearly Cost for Drum Replacement	\$1,190	\$1,786
Cost Saving per Year	\$595.00	
Cumulative Savings Over 8.4 Years	\$5000	
Percent Drum Life Extended	50%	
Savings per Cubic Yard	\$0.09	
SUPPORTING DATA:		
• Average Drum Life (Cubic Yards)	36,840	
• Average Drum Life (Years)	5.6	
• Average Load Size (Cubic Yards)	8.2	
• Average Yards per Year	6,579	
• Average Loads per Year	802	
• Average Trips per Day	4.0	
• Operating Days per Year	200	
Estimates only, subject to change		
		

SCHWING Stetter

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