

SP-100e

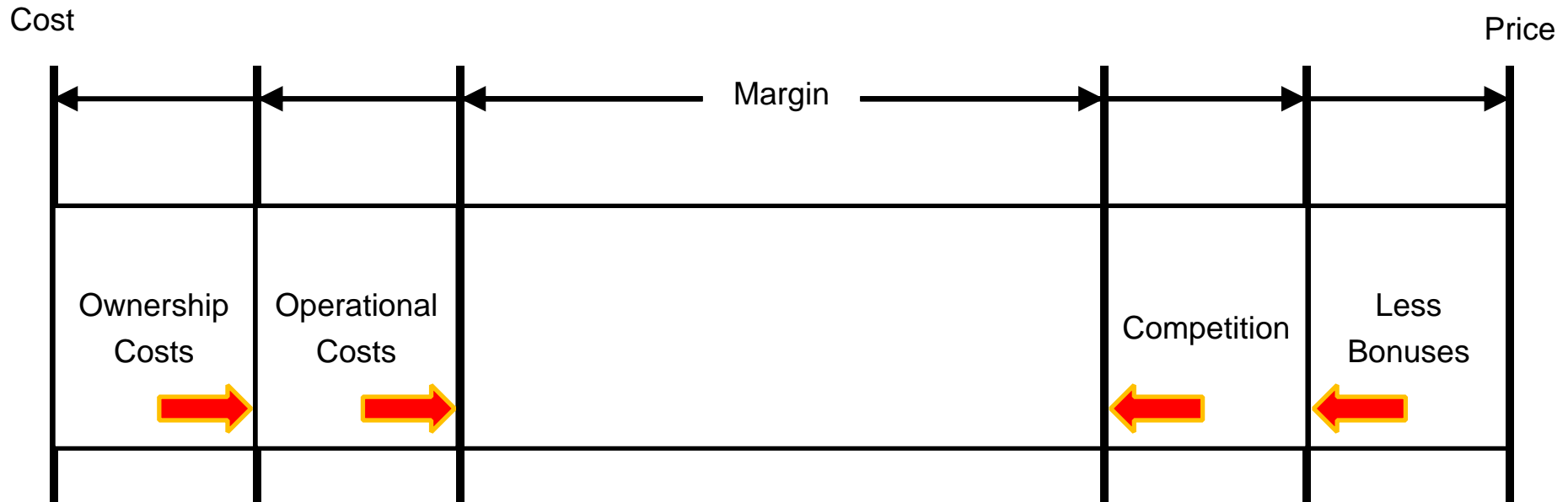
Stealth Paver



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Margin Pressure



Segregation



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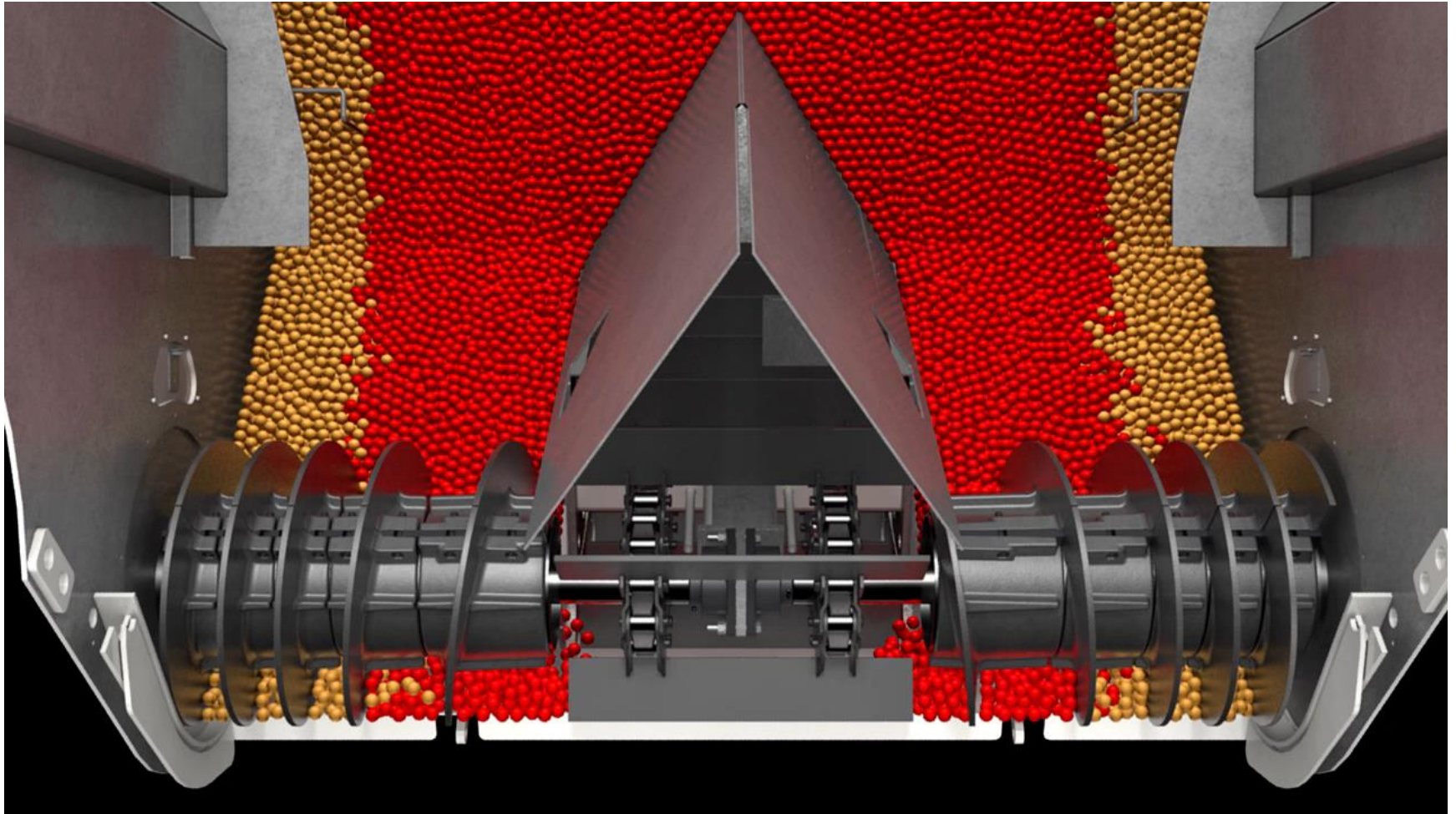
Segregation Cures



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Segregation Cures



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Segregation



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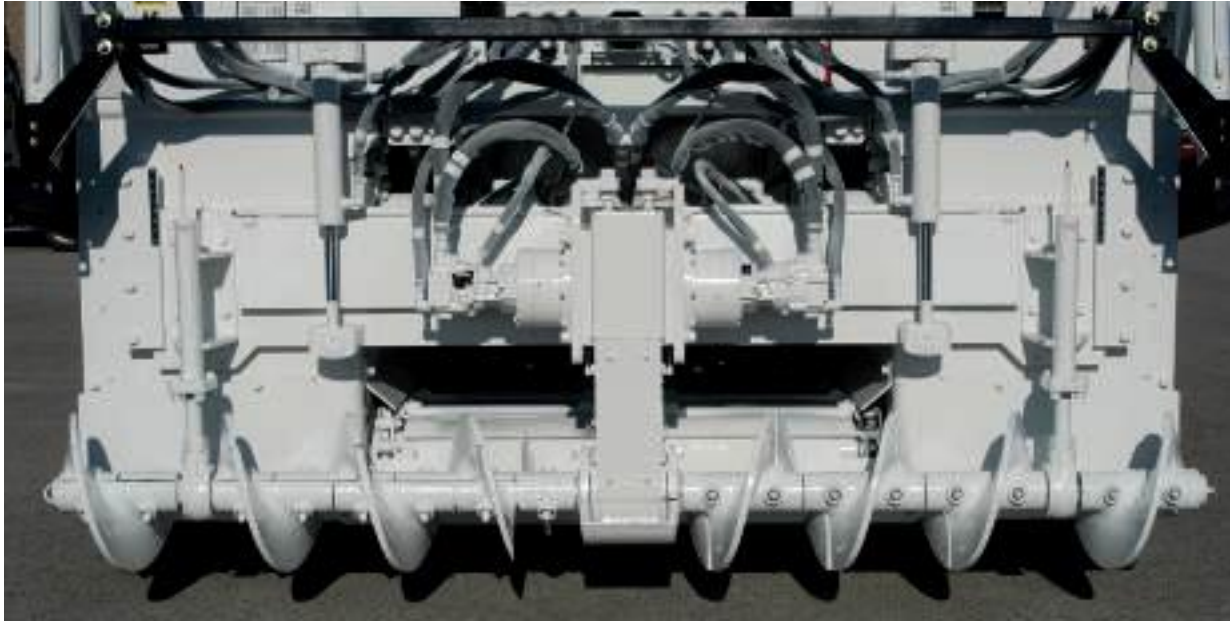
Segregation Cures



- » Delta Plate
- » Narrow Doghouse
- » Flow Gates



Segregation Cures



Narrow Auger Drive Box

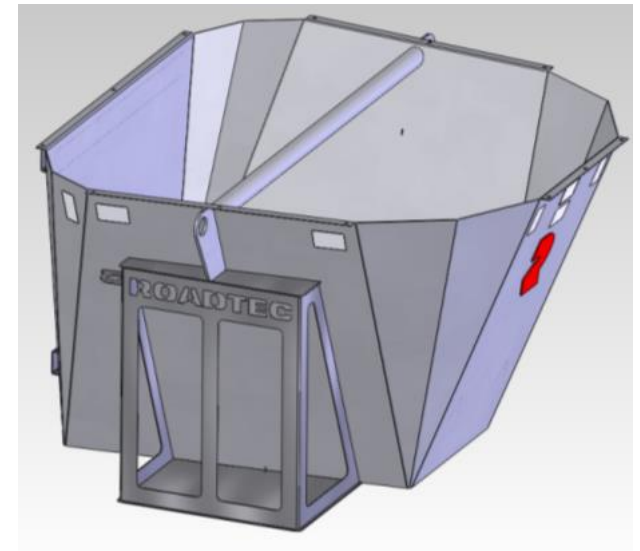
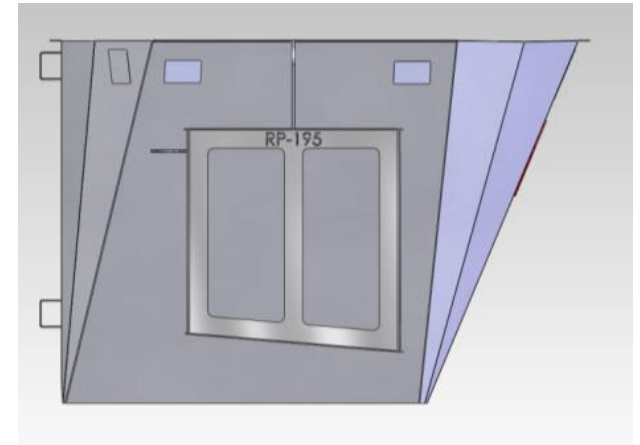
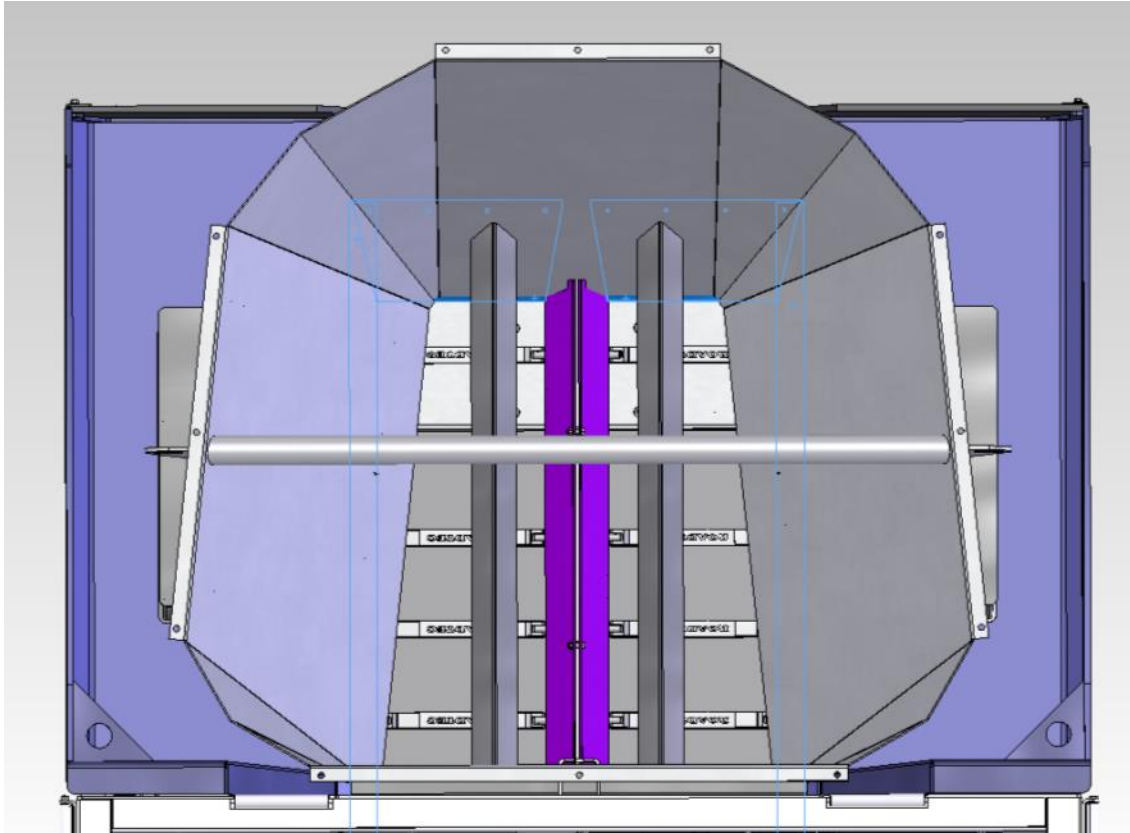


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Segregation Cures

» Uni-flow Hopper Insert



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Gravity Feed



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Results

- » “We have previously received in the .96 to .99 pay factor with a conventional paver, and with the Stealth on the I-93 project we are currently receiving a maximum pay factor in the 1.02 to 1.05 range. We were able to achieve near perfect compaction numbers also.”
 - Amy Charbonneau, Continental Paving



Results

- » “When the state tested rideability with a profilograph, the overall average for the entire project was less than 0.5” per lane-mile.”
 - David Madden, Madden Contracting

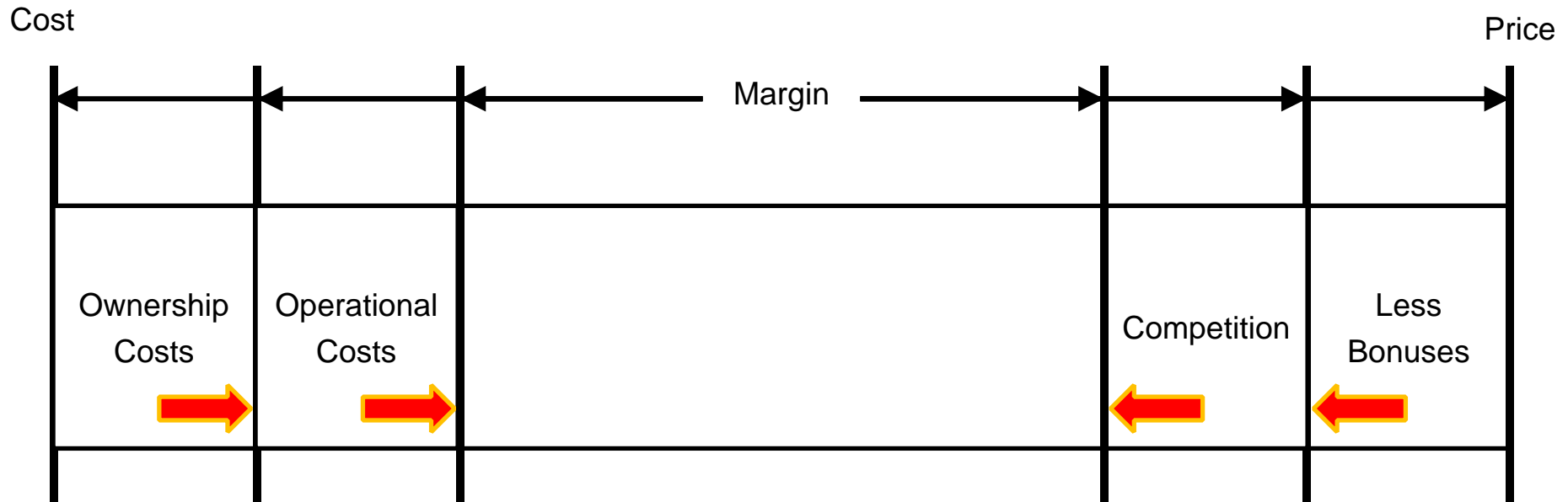


Results

- » “We beat the ODOT smoothness test and have paved what I’d argue is likely the smoothest section of US 62 in its entirety. We understand that 40 percent of our ability to do so well on a paving job is the equipment, and the Stealth is clearly the significant contributor.”
 - Mike Boatman, Markwell Paving



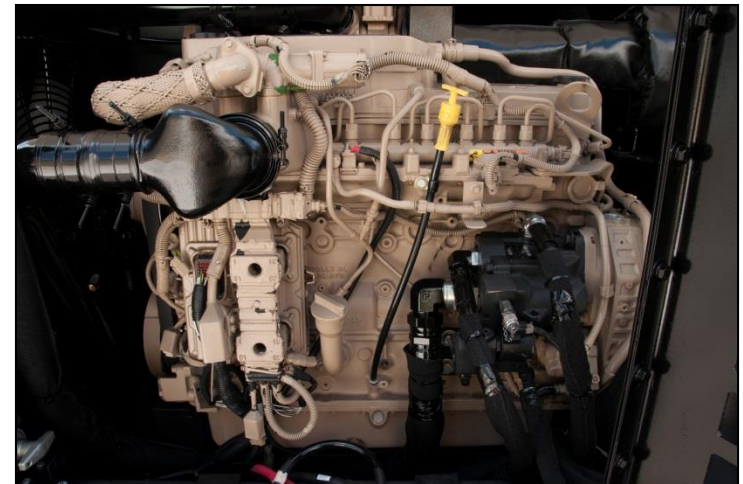
Margin Pressure



SP-100e

Engine

Fewer moving components resulting in less power demand.
A 10' paver with an 8' paver engine for improved fuel economy.



ENGINE-QSB6.7 T4 Interim
173HP @ 2200 RPM



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Operating Costs

- » Fuel
- » Conveyors use up to 50 hp or nearly 25% of demand
- » 25-35% less fuel usage

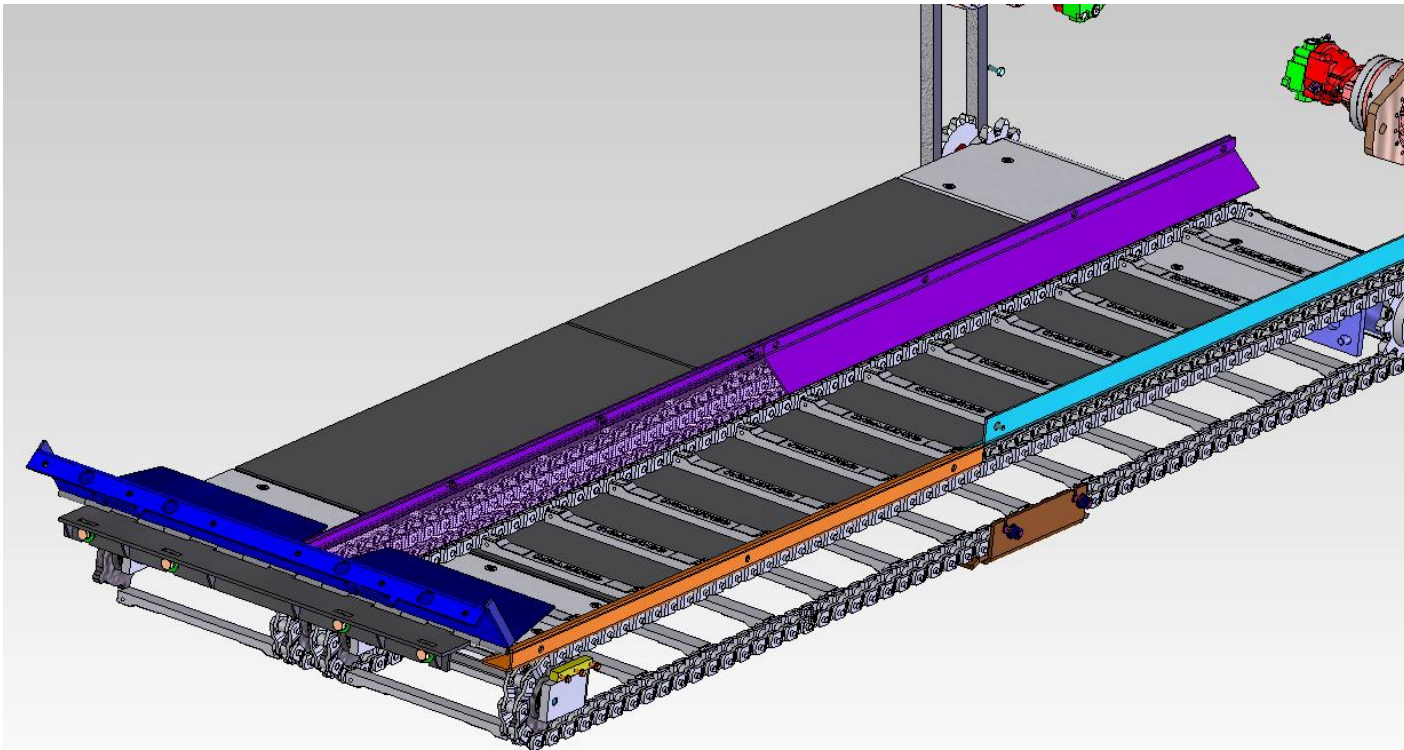


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Operating Costs

- » Elimination of wear parts
- » Chains, shafts, sprockets, bearings
- » Floor plates

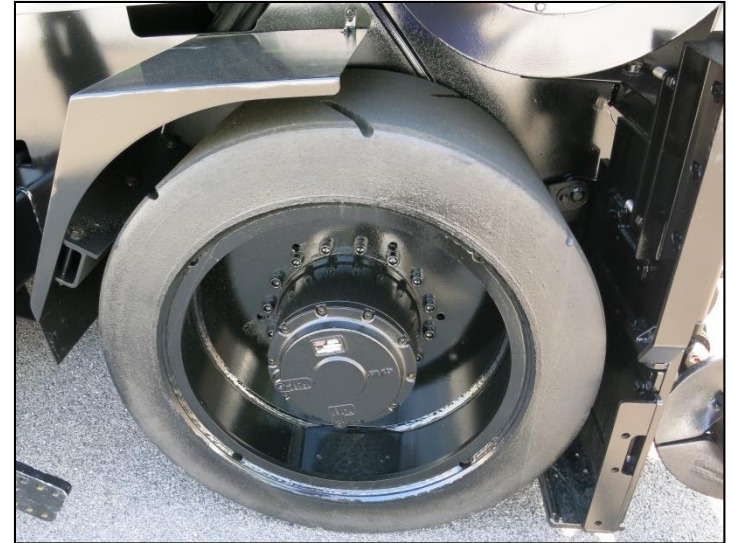


SP-100e

- Solid rubber tire machine
- Scrapers installed on all 4 tires
- Small standing platforms to access compartments



Solid Rubber Tires



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Cost Comparison

Based on:

Yearly Hours of 1000

Yearly Production of 100,000 tons

Ownership Costs:	Conventional Paver		SP-100e Stealth Paver	
Typical Delivered Price (10' vibratory screed, grade & slope)	\$372,000		\$325,000	
Less Residual Value @ 20%	(\$74,400)		(\$65,000)	
Value to Be Depreciated	\$297,600		\$260,000	
5 Year Depreciation (Annual)	\$59,520		\$52,000	
1% Annual Insurance	\$2,976		\$2,600	
1% Tax	\$2,976		\$2,600	
Annual Usage Costs:	Per Hour	Per Ton	Per Hour	Per Ton
Fuel = \$3.00 / Gallon (Conv. Paver @ 6 gal / hr, Stealth @ 4 gal / hr)	\$16.80	\$0.17	\$11.20	\$0.11
Lube Oils, Filters, Grease	\$2.00	\$0.02	\$2.00	\$0.02
Repairs & Parts (Conv. Paver @ 27,450 / yr, Stealth @ \$7,000 / yr)	\$27.45	\$0.27	\$7.00	\$0.07
Ownership Usage Costs: Depreciation, Insurance, Tax	\$65.47	\$0.65	\$57.20	\$0.57
Operational Usage Costs Fuel, Lube, Parts	\$46.25	\$0.46	\$20.20	\$0.20
Annual Costs:				
Annual Ownership Cost:	\$65,472		\$57,200	
Annual Operational Cost:	\$46,250		\$20,200	
Overhead Subtotal (15%):	\$9,821		\$8,580	
Total Annual Cost:	\$121,543		\$85,980	



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The Stealth Paver's Air Curtain protects the operator platform from the gravity feed hopper's heat and fumes.



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