

Green innovations that save fuel and the environment – Maxam's SOLO™ Drum Mixer



Most asphalt plants eat fuel, belch fire, and blow profits out of the exhaust stack, but it doesn't have to be that way. You do not have to be saddled with 20-year old technology that gobbles up your profits and pollutes the environment. MAXAM provides retrofit and new plant design/build solutions that significantly reduce fuel consumption, enable running a higher percentage of recycle material, and virtually eliminate blue smoke and foul smelling emissions.

The age of innovation is alive and well at MAXAM.

SOLO™ Drum Mixer
Patent Numbers:
6,672,751; 7,044,630;
7,357,562; 7,472,877;
7,581,871

Operate with lower stack temperatures

The MAXAMizer® Heat Recovery System automatically controls exhaust stack temperatures very precisely at your preset minimum so you do not waste fuel heating the sky.

Reduce heat loss

Heavier flighting creates a more dense veil to transfer more of the heat directly to the virgin aggregate. Less heat escapes through the exhaust, resulting in less wasted fuel.

Reduce filter bag costs

Lower stack temperatures enable you to use polyester bags which cost 50 – 65% less than NOMEX®.

Control WMA temperature more precisely

Produce WMA at low temperatures without concern for moisture accumulation in the baghouse because the MAXAMizer® Heat Recovery System automatically maintains baghouse temperatures at a safe minimum.

Reduce emissions

Whenever you reduce fuel consumption, you reduce emissions, but with the Raptor® Recycle system, you also eliminate blue smoke and steam.

Be more neighborhood friendly

AQUABlack® gives you the ability to produce warm mix asphalt, which virtually eliminates smoke and odors.

Run more recycle material

The Raptor® recycle system enables you to run up to 50% RAP without superheating or blue smoke.

Reduce fuel consumption 5% to 10%

On average, plants save between 5% and 10% on fuel costs by running with a lower stack temperature made possible by a MAXAMizer® Heat Recovery System.

Reduce air requirements

Automatically controlled temperatures mean lower CFM requirements...20% less at a 225° stack than with a 350° stack.

Increase production up to 20%

With higher efficiency and lower air requirements, you can produce more mix...up to 20% more if you previously ran a 350° stack!

