

MIDLAND

WIDENER ATTACHMENT



Widen Roads *and* Your Profit Margin.

Midland Delivers Maximum Job Performance at a Minimal Investment. These Midland Advantages Mean You Can Afford to Turn a Profit.

MIDLAND

The Midland widener allows you maximum widening performance with *minimal investment*.

What Makes The Midland Widener Better?

Innovation and quality are the driving forces behind the Midland Widener Attachment. When Midland set out to build a better widener, they learned what you needed --and what you didn't. Midland delivered a machine with increased versatility and widening performance built in. What they eliminated was the high price of a single purpose widener.

How Can a Midland Widener Increase Your Productivity?

Whether it's road widening or shoulder paving, trench filling or concrete work, Midland handles the job with ease and efficiency. Heavy duty construction and capacity of up to 600 tons per hour mean that this widener is suited to handle your toughest jobs.

How Can a Midland Widener Improve Your Cost Savings?

Your savings start as soon as you purchase the Midland Widener Attachment. Consider that lower equipment costs mean lower overhead when you bid a job. Your next road widening job will utilize your existing equipment, (drive unit), to full advantage. This makes good business sense. Smaller initial investment means quicker

payback. If production is your concern, these units commonly lay down 3-5 miles and 2000-3000 tons per day--and thats not even at full production! Owning a workhorse like the Midland Widener, will put you on the job fast--earning money. No more waiting for a rental machine to become available.



JOB APPLICATION	MIDLAND ATTACHMENT	TYPICAL SELF PROPELLED UNIT
Placement of Aggregates	+	+
Placement of Hot Mix	+	+
Placement of Concrete	+	+
Shoulders to 10 feet	Model WA	+
Deposit & Grade Behind Curb	+	N/A
Fill & Grade Trenches	With Optional Trench Box	N/A

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Twenty years of engineering refinement and on the job research pay off in *job efficiency*.

What Makes a Midland Widener More Efficient?

Midland Engineers have seen all kinds of shoulder and widening jobs, and all kinds of widening machines. They recognized the problems you had and turned them into benefits.

The heart of Midland's innovation is the heavy duty positive drive conveyor system. It is a cleaner, more reliable and low maintenance system for moving all types of hot asphalt and dense aggregates.



Positive Drive, Positive Benefits!

Positive drive means you benefit with more jobs, less downtime and less maintenance. Midland's unique belt system totally eliminates belt wandering and slippage--a major cause of downtime with other wideners. Torn splices are minimized because torque is evenly distributed to the entire belt through dual drive chains which are bolted to the conveyor belt. This feature saves you hundreds in new belts, downtime and wasted material. Positive drive operates cleaner--meaning shoulder material gets to the shoulder, not dropped on the road so you may not have to add a sweeper to your job. Internal conveyor rollers stay cleaner too, reducing yearly maintenance. More jobs are possible because you can spread material behind a 10" high curb--for sidewalk base, backfill and special contours.

Positive drive gives you more "live" belt area with less belt. Typically a 30" wide belt has 22" that is exposed to move material. With the efficient Midland system a 24" wide belt gives you 22" of live area.

How Can Using a Widener Attachment Be This Easy?

Midland realized years ago that in order to be most effective, the attachment must be simple to attach and simple to operate.

A self-contained diesel engine and hydraulics system completely powers all widener functions. Variable speed conveyor control allows precise control of material at any paving width. Super heavy duty caster wheels provide superior flotation and do not deflect under load as a pneumatic tire does. Unique adjustable push rollers extend to meet up with any kind of dump truck. If your drive unit is suitable, you can power the attachment's hydraulics with your drive unit.

Installation is simple. Special mounting adaptors are designed to fit your drive unit. A typical installation consists of four pins and two bolts--it's that simple to attach and go!



See What It Can Do For You.

To fully appreciate all that this machine can do, you should see it work in person or on videotape. Call the Midland Widener Hotline to discuss your specific job applications, or to find the dealer nearest you.



Specifications

MODEL	SA	WA
Standard Spread Width	One (1) Foot to Six (6) Feet	One (1) Foot to Eight (8) Feet
Maximum Optional Spread Width	8 Feet	10 Feet
Spread Depth Range	12" Above to 12" Below Grade	12" Above to 12" Below Grade
Production Rate Capability	450 Tons Per Hour	600 Tons Per Hour
Strike Off Controls	Strike-off Blade spreads material to a controlled width, depth and slope. Hydraulic Grade, Manual Slope	Strike-off Blade spreads material to a controlled width, depth and slope. Hydraulic Grade, Hydraulic Slope
Engine	24 H.P. Air Cooled Diesel	40 H.P. Air Cooled Diesel
Fuel Tank	14 Gal. with Filter	24 Gal. with Filter
Hydraulic Reservoir	10 Gal. with Suction Strainer & Return Line	10 Gal. with Suction Strainer & Return Line
Conveyor Width Live Area Speed Type	18 Inches 16 Inches 0-400 F.P.M. Variable Speed Positive Drive Hydraulic	24 Inches 22 Inches 0-400 F.P.M. Variable Speed Positive Drive Hydraulic
Weight (Standard Unit)	6000#	8000#
Push Roller	Oscillating and Extendable	Oscillating and Extendable
Hydraulic Pump	Variable Displacement	Variable Displacement
Caster Wheels Caster Wheel Standard Arrangement	Heavy Duty 10,000# Capacity (2) 16" X 5" Wheels Per Caster 4 Casters	Heavy Duty 10,000# Capacity (2) 16" X 5" Wheels Per Caster 4 Casters

Specifications are subject to change without notice.



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