

MIDWEST®

WOW!



MIDWEST®  
**STYLUS™ ATC**  
ANYTHING ELSE IS ORDINARY

**DENSPY**  
PROFESSIONAL

Cutting has always just been a means to an end. Until now.

The Midwest® Stylus™ ATC delivers a cutting experience so extraordinarily smooth, powerful and efficient, it's not work anymore.

Dare we say – it's thoroughly satisfying?

# WOW!

Anything else is ordinary.

# WOW!

Superior Turbine Suspension (STS)

Speed-Sensing Intelligence (SSI)

“**WOW!**

would be an understatement. The Midwest® Stylus™ ATC cuts like a hot knife through butter. It gives me great control and awesome power to get the job done.”

– Dr. Robert Lowe, DDS

# The HOW behind the WOW!

It's a real change in handpiece technology.  
And a real change in the cutting experience.

Quite simply, the high-speed air-driven Midwest® Stylus™ ATC changes everything. You'll understand the WOW! factor the minute you use it. Speed-Sensing Intelligence (SSI) automatically optimizes power without you having to monitor and make frequent adjustments. The Superior Turbine Suspension (STS) minimizes bur deflection even at 330,000 RPM under load, for precision and control.

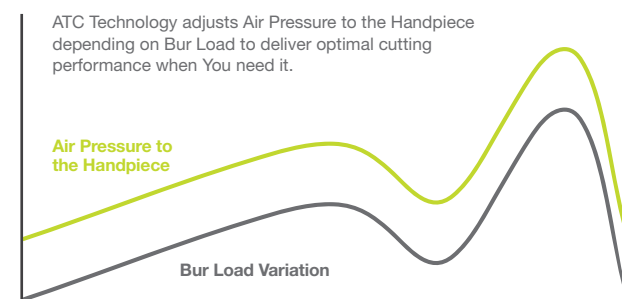


## Constant Speed Under Load

### Speed-Sensing Intelligence (SSI)

Traditionally, torque and power are the primary focus in the engineering of a handpiece. Midwest engineers took a different approach and optimized speed and torque. By incorporating SSI technology, we designed an electronic “brain” in the control source that constantly maintains bur speed according to load. It knows when to deliver more power!

#### Here's how it works:



A sensor in the coupler picks up the frequency of vibrations caused by the speed of the rotating bur. When the bur encounters a higher load that normally causes a decrease in speed, a signal from the control source increases air pressure and thereby the rotation of the turbine, thus maximizing cutting efficiency. The opposite occurs when the bur encounters a lighter load.

#### Speed-Sensing Intelligence

- > Delivers smooth, consistent power and control for unmatched cutting efficiency and faster removal of material
- > Automatically optimizes power to virtually eliminate stalling and the need to make frequent adjustments
- > Adjusts speed when the bur is not under load to minimize wear on handpiece bearings
- > Most powerful air-driven handpiece

# Outstanding Precision, Accuracy and Control

## Superior Turbine Suspension (STS)

The Midwest® Stylus™ ATC features an advanced suspension system. Midwest engineers have optimized the axial preload with independent radial support to the bearings for unparalleled stiffness at even the highest load.

#### Superior Turbine Suspension

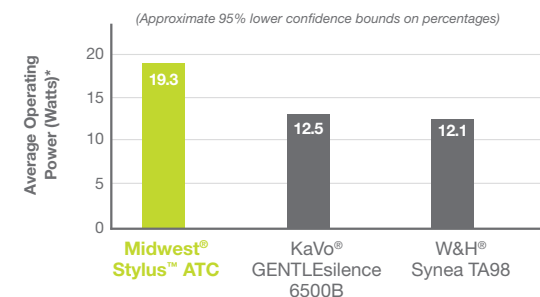
- > Allows the handpiece to operate at speeds of 330,000 RPM without noticeable bur deflection and chattering, for better control and precision
- > Creates a greater, more consistent transference of power from the handpiece to the bur for maximized cutting efficiency
- > Allows you to create the degree of precision you need, time after time
- > Smooth, precise control for margin refinement and restorative procedures

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## More WOW!

#### Enhanced Performance

Most powerful compared to KaVo® and W&H®  
50% more powerful than KaVo® • 55% more powerful than W&H®



All brands are holders of their respective trademarks.  
\*Average operating power as measured under load from 160,000 RPM to free speed.

#### User-Friendly Design

- > A swivel with exceptional rotation capabilities for freedom of movement
- > All-day ergonomic comfort – significantly lighter than electric handpieces
- > Exceptional visibility, access and maneuverability with mini or mid-sized head
- > Enhanced access to posterior surfaces with standard- and short-shank bur compatibility
- > A low pitch and tone for more relaxed patient and dentist

# Experience WOW! Now.

Call your DENTSPLY sales rep  
or visit [www.StylusATC.com](http://www.StylusATC.com)  
to set up your demo.

*The brain behind the WOW!*



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Midwest® Stylus™ ATC 890 PLUS Starter Package	884100	Three Mid-Sized-Head Handpieces, one Control Source, one Power Supply, one Coupler and Tubing, Installation Kit and Maintenance Kit
Midwest® Stylus™ ATC 990 PLUS Starter Package	884200	Three Mini-Head Handpieces, one Control Source, one Power Supply, one Coupler and Tubing, Installation Kit and Maintenance Kit
Midwest® Stylus™ ATC 890 Starter Package	883100	Two Mid-Sized-Head Handpieces, one Control Source, one Power Supply, one Coupler and Tubing, Installation Kit and Maintenance Kit
Midwest® Stylus™ ATC 990 Starter Package	883200	Two Mini-Head Handpieces, one Control Source, one Power Supply, one Coupler and Tubing, Installation Kit and Maintenance Kit
Midwest® Stylus™ ATC 890 (Handpiece Only)	881300	One Mid-Sized-Head Handpiece
Midwest® Stylus™ ATC 990 (Handpiece Only)	882300	One Mini-Head Handpiece
Midwest® Stylus™ ATC Control Source Kit	880700	Control Source, Coupler and Tubing, Installation Kit, Power Supply

**For your FREE demo call 1.800.989.8825**

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