

.....“ It's equipped with 36 row units on 30-inch spacing, yet folds to a transport width of only 15 feet. ” see page 9 >>

— advantage

That's Cool

New V-Cool™ system improves performance and fuel economy.

BY THARRAN E. GAINES

NOTHING STOPS PERFORMANCE in its tracks faster than air restriction or overheating. That's why Massey Ferguson® developed and introduced its new V-Cool system, which is now standard equipment on the new MF9540 and MF9560 combines, and WR Series windrowers.

“Unlike traditional cooling systems, which have the cooling units stacked in front of the engine coolant radiator, the V-Cool system has all components arranged in a ‘V’ configuration,” explains Kevin Cobb, manager of marketing for Massey Ferguson combines. “As a result, airflow to components like the charged air intercooler, hydraulic oil cooler and air conditioner condenser is never forced through multiple cooling units.”

Another advantage of the V-Cool package is the variable-speed, hydraulically driven fan and intelligent reversing feature. Because the fan speed is automatically controlled by engine and hydraulic system operating temperatures, engine power used to operate the cooling fan when it's not needed is available to power the combine or windrower and header.

“The combined features of the V-Cool system not only provide optimum machine efficiency, but help reduce fuel costs in lighter conditions,” adds Dean Morrell, manager of marketing for Massey Ferguson hay and forage.

“Perhaps the best feature, though, is the smart reverse, which automatically reverses the fan, based on various criteria, including temperature, when the engine speed drops below 1,800 rpm, and the time-based control that turns it on every 15 minutes.

“When that fan reverses to clear the intake screen, it looks like an explosion occurred behind the windrower,” Morrell adds. “It's that effective in clearing the cooling intake in adverse operating conditions.”

Cobb says the system also promotes longer air-filter life and better performance, since the engine intake air is pulled from the V-Cool area. “During the time we were field-testing the prototypes,” he says, “we never once had to blow out a radiator and we saw a dramatic increase in the time before the air filter required service compared to previous models.” **F**



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To see a video featuring the new 9500 Series Axial Combines, visit go.myFarmLife.com/cool. As a bonus, learn how the new MF9540 and MF9560 improve harvest quality and reduce power consumption with the new Trident processor.