



THE NEW CASE IH RICE ROTOR FOR AXIAL-FLOW 7010 AND 8010 COMBINES

RICE GROWERS:

**Run faster.
Put more crop in the tank.
Enjoy smoother operation.**

The new rice rotor option for Case IH Axial-Flow® 7010 and 8010 combines delivers proven gains in rice crop throughput.

Its smaller diameter and taller rasp bars lets more of the tough rice straw work its way through the entire length of the rotor. The crop feeds in more evenly and has more crop-on-crop threshing opportunity. Operators hear less rumbling; there's less likelihood of slugging the rotor in very tough conditions. And, the new rotor requires less power to turn.

This new rice rotor is a product of Case IH rotary heritage, testing and development. Rice growers confirm its improved performance over Axial-Flow combines equipped with previous rice rotors.

Ground speeds are higher. Growers report running 1 to 2 mph faster with the new rice rotor, further boosting productivity.

Operation is easier. The smoother material flow, with the absence of rumbling and less possibility of slugging, makes for more relaxed operation. Operators say there's less need for fine-tuning as harvesting conditions change throughout the day.

“
The new rice rotor is
the choice for rice growers
who demand more.
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Rice growers throughout the Delta, Texas and California say the new Case IH rice rotor increases throughput, delivers smoother crop flow and allows faster ground speeds.

Grain quality is high. With more opportunity for crop-on-crop threshing, the new rice rotor produces the high-quality sample the industry expects from an Axial-Flow combine. The new rice rotor shows its advantages especially in tougher threshing conditions

— when the crop's wet and tough to separate or very dry and vulnerable to cracking.

Turn the page to learn why rice growers throughout the south and west say this new rice rotor will help them be more productive, lower cost producers.

MISSISSIPPI

Tommy Swindoll and Tommy Swindoll II | Robinsonville, Mississippi | Own two Axial-Flow 8010 combines

- “We’re not speed demons, but this is the fastest we’ve ever run. We’re running from 3.2 to 4.2 mph with the new rice rotor in 150- to 180-bushel rice. That’s really pouring it in there.”
- “Even though it’s a smaller rotor, it has taller rasp bars and different concaves. So we’re running a wider, more open concave and the threshing is better.”
- “Our humidity can vary from 80% in the morning, to 35% mid-day, to 70% in the evening. Harvesting conditions change throughout the day, but with this small rotor, we do less adjusting.”
- “When it comes to cracked kernels, the AFX rotor does a good job. But this small rotor is even better. There’s less dockage.”

“ We’ve never cut rice this fast. ”

- “Besides the improved threshing capacity and the higher speed, the smaller rotor improves the tailings sample.”
- “We’re running at 85% to 95% of engine power at these higher ground speeds.”
- “The AFX rotor delivers a great sample; this one’s even cleaner. We can open the screens wider.”
- “This small rotor puts an already good combine into awesome territory.”

Ryan Tabb | Cleveland, Mississippi | Demoed Axial-Flow 7010 combine

- “I ran it in 170- to 180-bushel rice, about 17% to 18% moisture. We cut consistently at 3 to 3.5 mph with minimal loss and shattering, and without any stress on the combine whatsoever. We probably could have run faster.”
- “I was really impressed with the cleaning ability. There was minimal loss of grain behind the combine even running at the faster speed. That was a good selling point for me.”
- “The computer system seemed intimidating at first, but it was very user friendly. I think just about anyone on the farm could run this combine with 30 minutes of instruction.”

“ It handled the down rice without any hesitation or problem. ”

- “We had some patches of down rice and it fed consistently, without any hesitation or problem.”
- “I own a 2388 and a 2188, and I’d say this 7010 harvests 15% to 20% faster. If I was running three 2388s, I think I could replace them with two 7010s. That would reduce labor costs and maintenance costs. That’s the wave of the future and that’s why I think this combine will do well.”

Ricky Belk | Minter City, Mississippi Demoed Axial-Flow 7010 combine

- “On down rice, with the AFX rotor I’d say we drop the ground speed about 75%. With the 7010 and the rice rotor, we slowed about 15%. It was impressive.”
- “We were cutting about 2.5 mph with our two 2388s, and 3.8 to 4.3 mph with the 7010 in 180- to 200-bushel rice. They were all equipped with 25-foot draper headers.”
- “I’m thinking the new rice rotor will be easier on the rice because there’s more room between the rotor and the concaves. It’s material on material rather than material on metal.”
- “We were impressed, both by the rotor and by the combine.”

“ The 7010 was really impressive. ”

Larry Davis Shaw, Mississippi Demoed Axial-Flow 7010 combine

- “We had a 20% wider header and were running 20% faster than with our 2388s. And there was no difference in grain quality.”
- “There’s more torque from the engine. The rpms don’t fall off when a load hits it like we see on the 2388s. It definitely takes a load better.”
- “We pushed it to over 4 mph. You could run about as fast as you want, I guess.”
- “That new rotor looks like a good deal. I like it.”

“ It definitely takes a load better. ”

TEXAS

Terry Hlavinka Hlavinka Equipment (Case IH Dealer) East Bernard, Texas

- “Users are reporting more capacity and less noise.”
- “Owners say they see a greater difference in adverse conditions. They say it performs better in down rice, and early in the morning and late in the evening when the crop is moist and doesn’t flow as easily.”
- “One customer, running the new rice rotor alongside an 8010 with a previous rice rotor, says the material flows more smoothly with the new rotor. It helps the machine perform better overall.”
- “We had a high benchmark to surpass with the 2388. Now, with the 8010 and this new rice rotor, we’re doing it.”

“ A greater difference in adverse conditions. ”

CALIFORNIA

Tom Coleman Gridley, California Owns one Axial-Flow 8010 combine

- “I’d say this new rice rotor is giving us 20% to 25% increased productivity without running on the ragged edge . . . without worrying about plugging.”
- “There’s no more pounding and hammering as the crop moves through . . . I think it’s a whole lot easier on the machine.”
- “I’ve owned a 1480, a 1688, a 2388 and now this 8010. There’s a lot more horsepower, and it’s much more comfortable to run.”
- “This new rotor’s not working the engine as hard.”

“ No more pounding. ”

Phillip Rizzo
Cleveland, Mississippi
Demoed Axial-Flow 7010 combine

- “I ran the 7010 about 3 mph. With my 2388s I was running about 1.8 mph. That’s with 25-foot draper headers in dry, standing rice.”
- “With our 2388s, we’d like to see matted crop material get picked apart better as it goes through the rotor and concaves. This new rice rotor with the longer rasp bar does a good job of that. And it allows for more throughput.”
- “The 7010 has a better chopper and spreader than we have on the 2388s. It’s more effective.”
- “The mechanical reverser for the 7010 rotor is a huge improvement.”
- “I liked the elevated grain tank auger which dumps grain in rather than pushing it up from underneath. And it unloads faster than the 2388.”
- “The feeder house is longer for better visibility, and I liked the monitor.”
- “We demoed another combine a few days after we had the 7010. They may both be Class VII combines, but the 7010 is a lot more machine.”

“ I was very impressed with the combine. ”



Dennis Perry | **Stringer’s International** (Case IH Dealer) | **Clarksdale, Mississippi**

- “We have customers reporting they’re running more than 1 mph faster in side-by-side tests with the new rice rotor.”
- “There’s better throughput of material, and the sample’s every bit as good.”
- “The new rice handles more material and doesn’t get bogged down, power-wise.”

“ There’s better throughput of material. ”

Kenny Jones
Planters Equipment Company (Case IH Dealer)
Cleveland, Mississippi

- “This rotor uses less horsepower. That’s going to make the combine more economical to run.”
- “It just about eliminated lugging. The engine hardly ever changes it tune with that new rotor.”
- “In drier rice, 13% to 15%, we used to run the rotor slower to maintain grain quality. Not so with this. You can keep the rotor speed up. You can run faster and crack less grain.”
- “The grain quality’s good, the hopper is clean and the ground speed is faster.”



“ You can run faster and crack less grain. ”

David Little | **Case IH Business Manager** | **Mississippi**

- “The rotor has decreased horsepower requirements. Growers can increase ground speed without increased losses and maintain ground speed in the mud.”
- “The crop flows more smoothly through the combine.”
- “We ran in rice from 12% to 22% moisture. We didn’t have any cracking problems at the lower levels and could perform well in the higher levels.”
- “We noticed the greatest difference in greener rice.”
- “We ran comfortably from 3 to 4.5 mph with acceptable losses depending on crop moisture and conditions.”

“ It’s made a tremendous difference. ”

Ron Blessing
Case IH Technical Manager
California

- “Here in California, a combine is measured by how it handles down rice. When it’s flat on the ground, you’re putting four feet of straw through the machine. If it’s green, it’s like running ropes through there. This small tube rotor is handling it. We’re handling more material, faster and more smoothly.”
- “Any throughput concerns we had are over.”

“ Any throughput concerns are over. ”

David Kross
Case IH Business Manager
California

“ Smoother crop flow? Absolutely. ”

- “This new rotor has given us the ability to maintain speed through down rice.”
- “Big wads of rice would rumble and bang its way through the old rotor. This new tube creates more room for these big wads. The crop goes smoothly through the combine.”

Brian Eversman
Wilkinson International (Case IH Dealer)
Woodland, California

- “In all conditions, crop quality and especially crop throughput, is better.”
- “There’s no more rumble and bang. It’s so smooth. Operators aren’t sitting on the edge of their seat, wondering if a big slug is going to stop them.”
- “We’re able to run faster with bigger headers.”
- “The 8010, equipped with the new rice rotor, will run with any machine out there.”

“ It’s so smooth. ”

ADAPTABILITY. It's one of the six core principles of Axial-Flow® combines. And it's why rice growers in the Delta, Texas, and California now have the ability to run faster, put more crop in the tank, and enjoy smoother operation.

*No matter what the crop, no matter what the conditions,
Case IH Axial-Flow combines deliver outstanding performance.*

SIMPLICITY – The single rotor threshes, separates, and creates a vacuum of air that helps provide a clean operating environment. Axial-Flow combines have fewer moving parts for unmatched reliability, reduced maintenance and a lower overall cost of ownership.

GRAIN QUALITY – The single in-line rotor results in gentle grain-on-grain threshing for premium-quality grain. This gentle and thorough threshing produces a grain sample that has more whole kernels, fewer cracks and substantially less foreign material in the sample.

GRAIN SAVINGS – Thorough, multiple-pass threshing, efficient 360-degree centrifugal force separation and large cleaning systems set the Axial-Flow design apart.

ADAPTABILITY – The single rotor design combined with concave and grate options as well as other key fine-tune adjustments allow the most effective settings for all crops and conditions. Axial-Flow combines provide maximum flexibility to adjust the combine for peak performance, productivity, and grain savings.

MATCHED CAPACITY – All systems – feeding, threshing, separating, cleaning, grain tank capacity – are designed for matched performance and optimum throughput. All systems are productivity-matched. No one system is undersized, creating bottlenecks or performance issues. This unique approach ensures maximum overall combine performance and productivity.

RESALE VALUE – Axial-Flow combines reward owners with higher value at trade-in time. As new attachments and options are developed, kits are made available to upgrade hardware and enhance the performance of every Axial-Flow combine in the field. This allows owners to increase their return on investment during ownership and increase resale value when it's time to trade.

