

LARGE PROCESSOR



Cord King CS20-30 Model 44



Manufacturer

Cord King
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Machine Operator

Dave Kravacek

Assistant

John Cordy

Time

18 min. 20 sec..

Cords Processed

2 Cords

Cords/Hour

6.55 Cords

Cord King firewood processors have been a crowd favorite at the Firewood Shoot-Outs for over a decade. After a great run with the larger CS27-40 on Friday, the team of Dave Kravacek and John Cordy fired up the Cord King CS20-30. While it is a smaller machine, it towered over most of the other machines in the Saturday Shoot-Out. Dave has been the designer and general manager of Cord King for 18 years. His assistant, John Cordy, has been with Cord King for 15 years. “I started out welding, then got into hydraulics and became the hydraulic master,” he said in an interview after the Shoot-Out. “There’s hardly a nut or bolt we don’t know between the two of us,” Dave added. John was also responsible for driving the equipment down from Cord King’s manufacturing facility in Perth, Ontario. When asked whether it was a problem crossing into the U.S. with their big machines, John just laughed. “Oh, they pretty well know us at the border, by now.”

John’s task at the Shoot-Out was to run the skid-steer loader so that Dave never had to wait for a log. The Cord King CS20-30 featured a 4-strand live deck with individually controlled, bidirectional chain feed. This allowed Dave to straighten out any crooked logs before loading them onto the infeed time conveyor. While they didn’t call any time-outs to clear jams or misfeeds, Dave did call a brief time-out to replace a fuse to the engine’s fuel pump. Running 18 minutes 20 seconds was scarcely enough to even warm up the hydraulics for this machine, which typically runs nonstop for an entire 8-hour shift.

The 74-hp Deutz diesel provided steady power for all the hydraulics, and kept the 44-inch-diameter circle saw turning at full speed. Dave noted that the insert tooth blade is a little narrower than that on most circle blades, which means less sawdust, and more efficient engine operation—a good thing, since the engine turns four hydraulic pumps that power the live deck, infeed conveyor, saw, splitter, and

the 16-foot outfeed conveyor.

Running the saw might appear intimidating, but, like all Cord King firewood processors, it meets both OSHA and CE (European) safety standards, including shielding around the saw and splitter, and a braking system that can bring the saw blade to a stop in 4 to 5 seconds. The operator's cab provided Dave with a comfortable workspace. "It blocks out about 90%

of the sound, but you still need hearing protection," John noted. Another source of comfort for the owner is the warranty on the machine. Two year bumper to bumper, three years on the engine, and a lifetime guarantee on the splitter.

Summing up the show, Dave said "The wood in the Shoot-Out this year was exceptional, and both Cord Kings performed to expectation." ●



MACHINE SPECS

ModelCS20-30 Model 44
 Power74-hp Deutz diesel T4F
 Cutoff.....44-in. circle saw
 Cycle time2.5 sec.
 Log loadingLive deck
 Max diameter20 in.
 Options used.....4-strand live deck, operator's cab

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