Auger problems
Posted by rgerek - 26 Nov 2012 17:04

Hi I am new to this forum so I may ask dumb questions but here goes. I have a 7100 that I have burned corn in for 7 years and really never had a problem. This year with corn being so high priced I bought the Sparta system to change over to pellets. In the 7 years of corn I never took the auger a part, but with pellets I am constantly removing the auger to clean the jam. I have tried two types of pellets both jam the auger. I have replaced the auger with the recommended one for pellets but I still have jams. What is wrong? I only need to run pellets until the end of December than I can run corn that I saved from Last year. Can anybody help? Talked to sparta they said try different pellets.

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Re: Auger problems
Posted by rgerek - 28 Nov 2012 04:33

Just a small update, talked to Bruce at Sparta coop, what a great guy. He told me that the stove was not getting enough air, so I removed the room fan and backed out the adjuster. A lot more heat blue bottom and yellow tops on the flames. We will see what happens, stay tuned.

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Re: Auger problems
Posted by greenhousegrower - 29 Nov 2012 03:03

I have had that problem in my 7100, one problem was dust and fines in the pellets, the bushing near the motor will jam with sawdust. I had to screen the pellets. Also just a little corn mixed in with wood pellets will help everything move easier. 10 to 20 percent corn works great for me

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Re: Auger problems
Posted by rgerek - 30 Dec 2012 00:59

An update, after having problems burning pellets, I finally figured it out, I now use both the internal and external fans. I wired the fans that I could shut one done if necessary, I have about 30 ft of exhaust pipe and found that the new external fan could not handle it. Now for a month I have run pellets about a ton with no problems. It works great.

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Re: Auger problems
Posted by tfgrower - 30 Dec 2012 01:09

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rgerek wrote:

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Glad your doing good rgerek. That's alot of pipe. If it gets cold part way up, it could get alittle heavy. Had that problem burning wood in large 35 ft. chimney

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Re: Auger problems
Posted by tfgrower - 30 Dec 2012 01:10

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rgerek wrote:

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Re: Auger problems
Posted by command_z - 30 Dec 2012 02:36

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rgerek wrote:

From the collar that is bolted to the auger shoot, the auger can move about an inch in and out (towards the shoot and away from the shoot.) I didn't think that it should be able to move that far. I have a call into Nesco they have called back yet.

Yes, that amount of travel is common. My 2100 and my buddies 4100 both have had that slop since day one. I would not worry about that.

Glad you solved the problem !

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