

Ross Equip. Ltd Since 1943

DAVE ROSS Equip. Ltd.

P.O. Box 100, Spirit River, Ab. TOH-3GO Ph: 780-864-3731 Fax: 864-3468

1-800-661-7401

E mail: alross@rossequip.ca OR aj@rossequip.ca



Distributor for Alvan Blanch Driers

Since 2004 we have sold 101 DF 22,s + 3 DF 37's + 1 DF48 for a total of 105 driers and the only customer complaint is that they should have had this drier years ago. It is the only drier I know of that will dry Canola from 30%+ down to 8% moisture "in one pass" with out damage to the seed. We like to tell customers "if you can Combine it we can dry it". We have DF22 CUSTOMERS that farm from 3000 to 15,000 acres of land. If you are drying down 5 point @ 1000 bph x 24 / 7 = 24000 bu per day x 7 days = 168,000 bu in a 7 day period,

or DOUBLE YOUR CAPACITY BY TWINING 2 - DF22's

Capacity DF22 1100 BPH (27tph) at 100c in barley from 20% to 15% ambient temp of 10oC & 20% R/H



Dual 3.2 mbtu Riello Burners total 6.4 mbtu
Double Wall Steel insulated Burner Box
Hot Air is drawn into the center of the Huge
Variable Speed 50 hp HOT FAN





33 Owner Customers for reference

2004 Brad Ross cell 780-864-0455 Spirit River AB 2006 Foster Seeds 780-518-2066 Beverlodge AB 2008 Birch Hills Colony Jacob C780-864-9264, AB **2008 AJ Gall** cell 780-322-2432 Nampa, AB 2009 DF37 James Palin 403-312-0076 Blackie AB 2009 Ridge Valley Colony Debolt 780-876-0237, AB 2009 Steve Kramer cell 780-835-0739 Fairview, AB 2010 F.Morrison Chuck c 402-929-0384 Nebraska 2010 Gerry Richard cell 780-831-8525 SR/AB 2011 SunnyDale Colony Perdue 306-237-7933 Dan 2011 Adam 780-835-0038 Fairview Seed Grower 2011P SpringValley Col Bran Mb Adam 204-727-6989 **2011P Doe River Colony Wally 780-307-4627, AB** 2011 DF48 Kyle Petluk 780-625-4362 Peace River 2012 Marcel Enns 306-768-7542 Carrot River SK 2012 DF37 Jason Shipton 780-864-1946 Dawson Creek 2013 Brent Schorlemer 780-978-2609 Rycroft AB **2013 Bear Canyon Colony Cher/Pt 780-864-8279** 2014 Tony Gaudet 306-423-5202 Duck Lake Sask. 2014 DF37 Fred Pohr 780-835-8517 Fairvier AB 2015 Rock Lake Colony Wpg MB 2049812981 2016P Curtis Strilchuk 780-886-6962 Tofield AB **2016 Homeland Col Ike 780-518-5392 Falher AB**

2016 Roger Welsh 780-632-4232 Vegreville AB

2017 VFD Les Thompson 780-205-4440Dewberry

2017 Rob Young 780-864-1060, Spirit River AB 2017 Dan Scriber 780-205-9183 Lloydminster AB 2018 Jim Krameddime 780-387-6050 Wetaskwin 2018 Chad Kanngiesser 403-588-1418 Lacombe 2018 Peter Cissel 403-888-5234 Crossfield Ab 2018 Rob Dueck 306-314-9142 Prince Albert SK **2018 Derick Dechief 780-518-5303 Falher AB** 2019 Alain Anctil 780-625-2858 Griouxville AB **2019P Brett Rewerts 306-398-7903 Unity SK** 2019 Mike Mitchell 780-864-0563 Spirit River AB 2019 Greg Sjogen 780-697-7984 S.of Camrose AB 2019P Dave ITC 406-963-7523 Sidney Montana 2019P Bruce Cowling 204-764-0212 Hamiota MB 2019 Steve Tomtene 306-930-6013 P.Albert SK 2019P Ken Bakanee 306-469-8567 Kerrobert SK 2020 Arron Jaremco 780-787-8283 VermilionAB 2020 Robert Curtis 204-767-1683 2020 Jordon Rossworm 780-835-9510 Worsley ab

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Ross Farm Power Ltd. Since 1953

13 reasons why we put one of these 1,000 bu/hr DRIERS on OUR Farm in 2004

- 1. They have <u>NEVER BURT ONE DOWN</u> & it can be left unattended at night. Dry Grain @ 5% moisture @ 1000 bph x 24 hr/day x 7 days per week = 168,000 bu/week.
- 2. Only 4 moving parts. 2 Fans, 1 Bed chain, 1 Discharge Auger & is completely WEATHER Proof.
- 3. It has a Positive Chain feed, with infinitely variable speed, running over a louvered bed, no screens.
- 4. The drier does <u>NOT have to be Emptied to Switch Crops</u>, One crop follows on after the other Crop & the chain stops when the new crop reaches the discharge. Run the chain manually to clean out the drier & the brush on 2 slats sweeps the drier clean.
- 5. They are Quite & CLEAN, Collect the fines at the low end of the drier \
- 6. SET UP: The DF22 (1000bph) drier comes 98% ASSEMBLED from DRE. Other models are setup on site by a Supervisor w/4 men supplied by the customer.
- 7. The Drier comes complete with its own **AUTOMATIC CONTROL PANEL**
- 8. They are Compact 1000 bph is 40'Long x 10' Wide Base x 19' High & weighs 30,000 lbs, built to last With burners out the high end of the drier is 17' wide, & 7 to 10' should be left around the drier.
- 9. They are great for drying Malt barley & all Seed grains due to the LOW HEAT & HIGH AIR VOLUME with a Positive chain feed system.
- 10. They have DRIED Wheat, Barley, Oats, Canola, Linseed, Peas, Beans, Maise, Rice, Cotton seed, Sunflower, Cocoa Beans, Coffee Beans, Grass Seeds, Sugar Beat Pulp, Malted Sorghum, Flax, Millet, Hemp, Wood chips, Potato peelings, Peanuts in the Shell & popping Corn.
- 11. Driers are available in NATURAL GAS, or PROPANE fired. The drier Requires 65kw, (85 hp)

 3 phase 480 volt 110 amp 60 cycle power (Power line) or Generator. We sell a new 3 ph 150kw (201hp)

 Baldor JD diesel powered generator to supply 65kw (85hp) to the drier leaving (100 hp) for your grain handling system. Natural Gas & Propane burners are purchased in Canada.

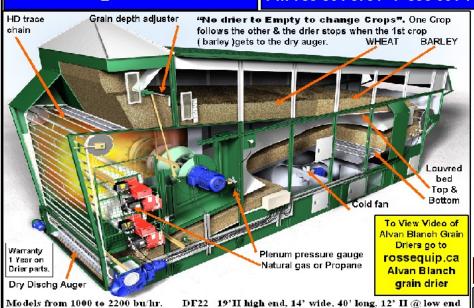
 The Drier uses std parts (bearings, motors, & panel parts available in Canada & from our stock.
- 12. This drier recycles air from the cooled grain back to the burner, making them 25% more fuel efficient.
- 13. INSURANCE IS 70% LESS THAN REGULAR DRIER INSURANCE eg. \$285,000 value x.90 per 100 =\$2,600 per year. We pay \$285,000 x.25 = \$700 per year. Savings of \$1,900 per year.

In 2011 we took off 450,000 bu. of crop with 3 - 9870 STS JD combines & dried every bushel. Our 2004 Drier ran 24hrs a day for 32 days <u>unattended</u> at night. When we were done combining we had 45,000 bu of tough wheat in the bins & 3 days later we were done. In the 32 days the drier automatically shut down twice because it ran out of grain. In the 30 days of drying the drier averaged 450,000 / 30 / 24 = 625 bu per hour in 16% to 23% moisture conditions, more than enough to stay ahead of 3 combines running 9-12 hrs per day if it didn't rain.

ROSS EQUIP. LTD Since 1943

NORTH AMERICIAN Distributor.
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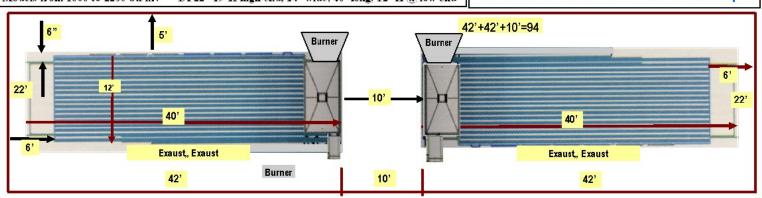
This DF22 has dried 1.8 million bu. of peas per year x 5 years for a TOTAL of 9 million /bu's w/original bed chain





85 Sold in 15 years & NOT 1 Fire Loss

GO MODULAR 2 - DF22's End to End 2200 bph





Order 1 DF22 Grain DRIER today with a \$30,000 deposit while stock of 10 driers lasts at this PRICE. Balance not due till June 1 2020 \$ 285,000 ALL 2020 Modular DF22's come with variable speed Hot fan, variable speed Cold fan, & variable speed Chain drive



capacity DF22 1100 bph (27tph) at 100c plenum temp in barley from 20% to 15% ambient conditions of 10oC & 20% R/H



Built to Last this DF22's weight is 30,000#s

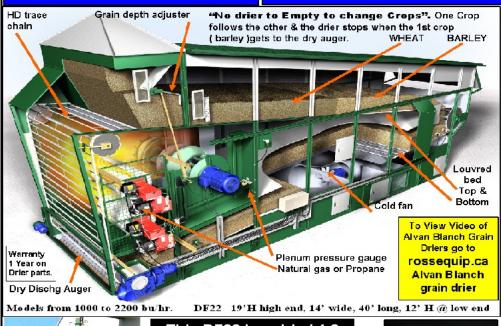
This Drier was drying Grain 3 days after it was spotted on the Cement.. Customer had augers ready, Gas Connected, & Elect power connected.

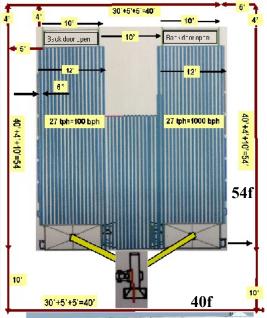
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This DF22 has dried 1.8 million bu. of peas per year x 5 years for a TOTAL of 9 million /bu w/original trace chain Built to Last this DF22 weights 30,000#s





CAPACITY DF22 1100 bph (27tph) at 100c plenum temp in barley from 20% to 15% ambient conditions of 10oC & 20% R/H

BUY 1 Modular DF22 1100 bph NOW & TWIN IT LATER FOR 2,200 bu/hr if ordered before Dec 31/19 or while our stock of 10 driers last at this price.

\$285,000

ALL 2020 Modular Rt & Left DF22's come with variable speed Hot fan, Cold fan, & Chain drive

OPTIONS 8" H X 40' L X 4" W FRAME \$ 5,000, SLAM SHUT GAS VALVE \$ 2,000, PROPANE CONVERSION, \$ 5,000

The Modular DF 22's are 98% ASSEMBLED & TESTED in Spirit River, Trucked FREE of chg to customers in AB & SK. The customer supplies a Picker to unload the drier, then we reinstall FREE of chg all of the sub assemblies on the Drier. After the electrical & the gas hook up is completed by the Customer we supply a tech Free of Chg to Commission the drier & instruct the Customer on its operation.

Modular is Easy, Quick, & Efficient, 2, 3, or 4, units if 1 goes down you are still drying

2- Modular DF22 - 54t/hr =2,200 bph @ \$ 570,000 are \$ 50,000 less than 1 DF37 @ 1800bph

2- Modular DF22 - 54t/hr = 2,200 bph @ \$ 570,000 are \$ 160,000 less than 1 DF48 @ 2200bph

4- Modular DF22 - 108t/hr = 4,400 bph @ \$ 1,140,000 are \$ 320,000 less than 2 DF48 @ 4400bph

Modular DF22 driers are completely assembled & only require a flat 8" slab 12'x 40' or a 12' x 40' rig matt, Modular DF22's factory ship 10'w x 40'L x 12' h on 1-40' skid & setup they ship on a RGN 10'w x 40'L x 14'6"h DF48's require 30 days of setup, cement grade beams, shipped in 3 pieces, & must be assembled on site.



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It is the only drier I know of that will dry Canola from 30%+ down to 8% moisture "in one pass"

2017 RFP CUSTOM DRYING. For 8 days RFP dried 85,000 bu of damp canola that averaged 24% moisture. The drier ran 24/7 for these 8 days. Plenum temp ran 88 degrees C & grain temp ran 430 to 500 C. Average drying speed was 85000 / 192 hrs = 442 bu/hr from 24% down to 9% moisture a total of 15% points in 1 pass. Drying speed wasn't a issue because no other drier could dry this wet canola & it was a point to applied and dried.

going to spoil if not dried.



A Sample OF TWINING 2 - DF22'S IN AUSTRALIA Driers are raised because the old cement was uneven. Installed a roof, a floor, & a divider wall just ahead of the cold air intakes. Open the doors over the cooling section & that warm air is sucked in by the BURNERS Making this TWIN SETUP VERY HEAT EFFICIENT.









