

From Start to Finish We Have It Handled.





Grain Drying Systems

We have the equipment and service to outfit you with a proper grain dryer system. Whether you know exactly what you need or need some direction, we're here to help create the solution that will get the job done.

Grain Cleaning & Processing Plants

Flaman Grain Systems is the specialized dealer for your grain cleaning and processing plants. We assess your needs from technology to capacity and match you to the proper equipment for your cleaning operation. This includes supplying, installing, and servicing various cleaners, bucket elevator systems, and other handling equipment.

Automated Bin Sites

We know you are busy and don't want a drastic increase in business expenses. We can provide a solution to save you time moving your auger from bin to bin with an automated bin site that increases efficiency but is still financially feasible.

We specialize in full solution grain handling setups, grain drying systems, grain cleaning and processing plants, and automated bin sites.

The Flaman Advantage From start to finish, the Flaman Grain Systems team is right beside you.



Design & Layout

One of our industry experts will sit down with you to discuss and understand what your needs are for the coming year, as well as any future plans you may have. From there, we will design a phased approach, with future expansion in mind. A full layout and design can be created based on your business needs and desired function of your site.

Set-Up & Installation

Our team is here to guide the set-up and installation of your site, providing information and schedule updates through a documented process. We will continue to work closely with you through the site preparation and construction.

Maintenance & Service

It is important to us that you have peace of mind before and after your purchase. That's where our Optimization Team comes in. This dedicated team of certified technicians specializes in after sales support including warranty, optimization, pre-season and post-season maintenance, and commissioning of your machines to ensure they are always running at peak performance.



What can you expect after the sale?

- > Updated communication on your project schedule through the Builder Trend app
- ► Commissioning of your equipment by our certified Flaman service department (one factory-trained technician and one set-up crew on site)
- Access to a customer service hotline with live tech support after hours (in season only)
- Complete engineered drawings constructed in-house



Our Grain Systems team are experts in handling, drying, and cleaning. When you buy from us you are not just buying a product, you are gaining the ongoing support of a team with over 50 years of experience.

NECO Mixed Flow Grain Dryer

Available dryer sizes: 16', 24', 32'

INCREASE THE GRADE OF YOUR GRAIN



HOW IT WORKS

Heated air travels through the column of moving grain via the internal heat ducts, making the drying process more efficient as well as conserving the quality of grain. The heated air then exits through the outer exhaust ducts.







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Flexible Operation Capability

- Multiple options for drying include full heat, heat and cool, steeping mode, or sweating mode
- > Dual moisture control
- Moisture sensors work together to speed up or slow down your dryer based on the grain

Quiet & Efficient Fans

- Consistent, high volume air flow at lower speeds with forward curved blades
- Fans produce just 80–90 dB compared to competitors at 120 dB

The mixed flow drying process helps mature the kernels and brings out their rich colour evenly, potentially creating a higher grade for your commodity.

DRYER MODEL	Tiers	Holding Capacity	Wheat 5 pts All Heat 210°F	Wheat 5 pts Dry & Cool 210°F	Canola All Heat 15% – 10%	Number of Blowers	Total CFM of Blowers	Max Burner Output	Max Unload Capacity	Total HP of Blowers	Total HP All Motors	Fill Height	Total Length
16'													
D1680	6	770	714	561	348	1	27,500	6.0	982	20	24	23.2	24
D1690	7	866	833	691	404	1	32,000	6.0	982	25	29	25.2	24
D16106	8	962	1003	863	461	2	36,000	12.0	1527	30	34	27.2	27
D16120	10	1155	1240	1017	588	2	47,000	12.0	1527	40	46	31.2	27
D16140	12	1347	1426	1233	689	2	55,000	12.0	1527	40	46	35.2	27
D16160	14	1539	1740	1454	813	3	65,300	18.0	2250	55	61	39.2	27
24'													
D24108	6	1155	1084	851	521	2	41,200	12.0	1473	30	36	25.9	35
D24150	8	1443	1427	1230	693	2	55,000	12.0	1473	40	50	27.9	35
D24180	10	1732	1667	1369	793	2	62,000	15.0	2291	50	65	33.9	35
D24210	12	2020	2139	1850	1034	3	82,500	18.0	2291	60	75	37.9	35
D24240	14	2309	2380	2002	1141	3	89,500	21.0	3382	70	85	41.9	35
D24260	16	2597	2851	2470	1376	4	110,000	24.0	6000	80	100	45.9	35
D24330	20	3174	3382	2893	1717	5	124,000	30.0	6000	100	120	53.9	35
D24380	24	3750	4045	3524	2058	6	151,500	36.0	6000	120	150	61.9	35

Benefits:

NECO

- No screens to clean, unplug, or change
- Mixed flow drying process reduces the risk of crop damage
- ➤ Higher test weights
- Even heating and cooling provides better kernel consistency
- > 20% more fuel efficient
- Commander Control with DRYER MASTER moisture control system
- AGI SureTrack offers remote management from your smartphone or computer

PACKAGE YOUR DRYER

with some great handling options:



WALINGA AIR SYSTEMS

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14.5% Moisture (after drying)



ELEVATOR LEGS

THE ROOM DISCUSSION OF TAXABLE PARTY.



DOUBLE RUN CHAIN CONVEYOR

You can also package your NECO Grain Dryer with Galvanized Hopper bins, Galvanized Flat Bottom bins, or Smoothwall bins.

Bucket Elevators

Capacity up to 20,000 BPH



ELEVATOR HEAD

Elevator Head

FEATURES

- > Curved design for minimal product impact
- > Two-piece hood design for interior access
- ➤ Shaft-mounted gearbox
- > Shaft seals for dust and weather protection
- > Inspection ports for belt tracking
- > Static conductive, oil resistant, and fire retardant drum pulley
- > Double or triple ply belting

Elevator Trunking

FEATURES

- > Double legged trunking design
- ► 14ga, 12ga and 10ga available (size dependent)
- ➤ Laser-cut flanges (to ensure hole pattern alignment)
- > Trunking seams are track welded for strength and dust/weather protection
- Connector plates included with each section to ensure simple installation
- > Service trunking has inspection ports for easy access to belting and buckets

FRUNKING



Flaman Bucket Elevators are designed to provide you with reliable performance so you can effectively maintain the quality of your crop.

We offer a wide range of models to ensure we match a bucket elevator that is right for your operation.



Elevator Boot

FEATURES

OPTIONAL



➤ Winged "easy clean" pulley > Externally mounted block bearings ► Easy-access clean-out doors (16" pulley & larger) > Shaft seals for weather/dust protection > Threaded rod belt adjustment

> Up-Leg or Down-Leg boot hoppers > Flanged boot hoppers

Discharge Heights Up to 200'

Pulley Sizes

6", 8", 12", 16", 24", 30", 36", 42". 48"

Finish **Options** Powder Coated

Galvanized

Sizes In Stock 6x6, 8x8, 10x10, 12x12

Walinga Ultra-Veyor

Pneumatic Blower System

SAFETY

The Ultra-Veyor moves bulk product virtually dust and damage free without the use of heavy augers. Maintenance is performed easily at ground level with simple access to all filters, belts, and lubrication points.



ALL THE WORKING COMPONENTS ON THE GROUND!

HOW IT WORKS

machined from a cast iron shell

for unequaled performance.

Your ultimate bulk transfer system



This process eliminates premature wear from

abrasive dust, ensuring a much longer life

CAPACITY

Capacity in dry corn / Deduct 30% if conveying wheat or beans

MODEL		5510 5" TUBING			5614 5" TUBING			6614 6" TUBING				
ΜΟΤΟ	DR*	15HP	20HP	30HP	40HP	30HP	40HP	50HP	40HP	50HP	60HP	75HP
ET	100	750	1000	1300	1600	1250	1675	1725	1800	1900	2100	2300
YING IN FEI	200	638	850	1105	1360	1063	1424	1466	1530	1615	1785	1955
	300	542	723	939	1156	903	1210	1246	1301	1373	1517	1662
CONVEY	400	461	614	798	983	768	1029	1059	1105	1167	1290	1412
DIS	500	392	522	679	835	653	874	900	940	992	1096	1201

*Single phase option available up to 40 HP

Walinga Advantage

- ► Simple and easy installation
- > Economic and affordable solution for long distance conveyance
- Gentle on product (including chickpeas)
- > Our technicians will communicate with your electrician

Your Ultra-Veyor Grows As You Grow

Walinga Ultra-Veyors are flexible and expandable, so you don't need to have your whole yard designed and planned out ahead of time. You can easily expand down the road as your business grows. By allowing you to keep the current bins and other infrastructure you have already invested in, you won't have to redesign your entire yard site in the future-saving you a lot of money in the long run.



Move your grain safer and easier, without elevator legs or portable augers.



Chain Conveyors & Portable Augers

Chain Drags, Chain & Paddle Conveyors, EMD Augers



Incline, En-Masse & Round Bottom Drag Conveyors

FEATURES

- ► 12 gauge standard conveyor body (10 gauge optional)
- ▶ 1/2" thick UHMW paddles
- ➤ Chain available in 81X, 81XH & 81XHH (24,000 lb, 44,000 lb & 49,000 lb average tensile strength)
- > Two chamber design with no pinch points
- > Self-cleaning tail section (standard on all models)
- > Built in slack adjustment

Lambton

> Easy cleanout (Round Bottom Drag models)

CHAIN DRAGS



Available in 6", 8" 10" & 12"

AGI Hutchinson Chain & Paddle Conveyors

FEATURES

- ➤ Grain Pump Double Run, Grain Pump Loop, or Portable Grain Pump
- ► 12 gauge galvanized tube housing
- > Durable and gentle on product
- ► Heavy-duty winch system



► Requires less horsepower than an auger system > Available in electric or PTO drives ➤ Moves up to 10,000 BPH

AGI WRX Electric Drive Auger

FEATURES

- ➤ Lengths from 31' to 76'
- > 8" or 10" tube diameter
- ► 14 gauge powder coated tube
- ➤ Wear edge technology flighting
- ► Five drive options



Safely access your bucket elevator for inspection and maintenance.

LADDERS & CAGES

- ► Ladders and cages are built in 5' and 10' sections
- Designed to meet OSHA standards

SUPPORT TOWERS. **STAIRCASES** & CATWALKS

- > Powder coated or galvanized
- ▶ 8'x8', 10'x10' & 12'x12' towers
- > Engineered towers up to 160'
- Switchback staircases
- Catwalks available in various widths and spans
- ➤ Grip stair tread

REST PLATFORMS

▶ Rest, distributor, and service platforms are built to OSHA standards

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BUCKETS, BELTING & ACCESSORIES

- > Flevator buckets
- ► Belting available in 4" to 20"
- > Poly or neoprene spacers
- ► Gripwell splicers
- > Durasplice fastener



NUTS & BOLTS

- ► Norway or fanged
- ➤ Carbon steel, zinc plated or stainless steel
- > Comes with large serrated flange nut or washer and lock nut

All bolts come with nuts





45° 3-WAY



- > Primed, powder coated, galvanized, or stainless steel finish available
- > Pan type valves
- ▶ 6" to 16" models
- > 2-way, 3-way, and offset designs
- ► 45° angles



45° OFFSET STYLE

(K VALVE)

- > Primed, powder coated, alvanized. or stainless steel finish available
- ➤ Single, double, and triple assemblies (up to 67.5° angle)
- 18". 20". and 24" diameters



CLAMP BANDS

- ► 4" to 24" bolted clamp bands
- or stainless steel



ANGLE IRON **FLANGE RINGS**

- ► Heavy duty
 - ► Natural standard punch
 - > Weld to spouting

- ADJUSTABLE **Z DEAD STOP**
 - ► No internal baffle
 - ➤ Replaceable impact plate
 - ➤ Adjusts from 35' to 60'

 - ► 7 ga. construction



FLOW RETARDER

ADJUSTABLE CUSHION BOXES

- > Primed, powder coated, galvanized, or stainless steel finish available
- ▶ 6" to 24" adjustable cushion boxes



- ► 10 ga. construction







FLOW RETARDERS

▶ 10 ga. and 7ga. construction

► 6" to 20" flow retarders

> Primed, powder coated, galvanized,

or stainless steel finish available

▶ 6" to 24"

- **EXPANSION JOINT**
 - > Primed, powder coated, galvanized, or stainless steel finish available
 - > 2" to 3" extension installed length 29" to 30"
 - > 6" to 16"

- ▶ 4".6".8".10".12".14".16".





DISTRIBUTORS

- \succ 6" to 16" models
- ► 4 to 12 outlets
- ➤ 45° and 60°
- > Round or flat back design

Primed, powder coated, galvanized, or stainless steel finish available



SPOUTING

- ► Carbon steel or galvanized
- > Raw or powder coated (carbon only)
- ► 4" to 16" diameters
- > All spouting available in 20'



REPAIR SLEEVES

- > 24" long bolted pipe sleeves
- > Primed, powder coated, galvanized, or stainless steel finish available
- ► 6" to 18" diameters
- ► 12 ga. construction

TRUSS KITS

- ➤ Compatible with 6" to 16" spouting
- > Primed, powder coated, galvanized, or stainless steel finish available
- ➤ 40' to 100' kits
- ➤ Kits include: centre truss, cross supports, cable end anchors. turnbuckles. hardware

Engineered Site Drawings

Constructed in-house by certified Flaman personnel

















Grain Cleaning & Analysis

Plant Installation & Custom Screens

Plant Installation

Complete grain cleaning & processing plants

1. Custom Built Hoppers

- 2. Air/Screen + Indents 3. Extra Screens
- 4. Mez & Work Platforms
- 5. Bucket Elevators
- 6. Transfer Conveyors
- 7. Gravity Table



Plant Installs **Cleaner Overhauls Equipment Maintenance Elevator Repairs Custom Retrofits** Equipment Training **Certified Technicians**





PLANT DESIGN & LAYOUT

Custom Screens

Shipping available anywhere in North America

SCREEN TYPES

- ➤ Round Hole, Slotted, Double Cut Triangle
- > Special Order: Wire Mesh, Stainless Steel Material, Stop Perforated, Bulk Perforated

WOOD & ALUMINUM FRAMES

> Bench, Clipper, Crippen, Garratt, Northland, Superior, Westrup, Cimbria, BM & M, Forever, Gjesdal, and custom built to your specifications

36" WIDE SHEETS

- ► 4/64 32/64 Round Hole Screen sq. ft.
- ► 4/64 14/64 Slotted Screen sq. ft.

48" WIDE SHEETS

- ► 4/64 32/64 Round Hole Screen sq. ft.
- > 3/64 16/64 Slotted Screen sq. ft.
- ► Buckwheat Screen sq. ft.

HAND SIEVES

SLOTTED SCREEN

ROUND HOLE

SCREEN

DOUBLE CUT

TRIANGLE

BUCKWHEAT

- > Durable hand sieves designed for excessive use in tough environments
- ► Many sizes available

WOOD HAND TESTERS

- > Economical hand tester kits
- > Assorted kits available



Changeable screen inserts available

GRADER SHELLS, SCALPER REELS, AND INDENT SHELLS AVAILABLE

Screens are available for almost any make or model cleaner





SUGGESTED SCREEN **SIZES FOR VARIOUS COMMODITIES**

	SPRING WHEAT	Scalping: 12-14/64 round hole Sifting: 5.5-6/64 slot
	DURUM WHEAT	Scalping: 15-16/64 round hole Sifting: 5.5-6/64 slot
2	RYE	Scalping: 12-13 round hole Sifting: 5-5.5 slot
	BARLEY	Scalping: 16-18/64 round hole Scalping: 10-12/64 slot Sifting: 5.5-6/64 slot
٩	0AT	Scalping: 18-20/64 round hole Scalping: 9-10/64 slot Sifting: 5-6/64 slot
3	ESTON LENTILS	Scalping: 15-16/64 round hole Sifting: 8-10/64 round hole (fines) Sifting: 5/64 slot (splits)
3	LAIRD LENTILS	Scalping: 18-22/64 round hole Sifting: 12-13/64 round hole Sifting: 5/64 slot (splits)
&	FLAX	Scalping: 3.5-4.5/64 slot or 4x14 wire mesh Sifting: 5.5/64 round hole
	CANARY SEED	Scalping: 5/64 slot Sifting: 4.5-5/64 round hole Sifting: 3/64 slot
8	PEAS	Scalping: 20-24/64 round hole Sifting: 10-14/64 slot
	CHICKPEAS	Scalping: 26-32/64 round hole Sifting: 12-16/64 slot
8	SOY BEANS	Scalping: 20/64 round hole Sifting: 10/64 slot
	KIDNEY BEANS	Scalping: 28/64 round hole Sifting: 14/64 slot
()	CORN	Scalping: 26-28 round hole Sifting: 16-18 round hole
	ALFALFA	Scalping: 4.5/64 round hole Sifting: 6x22 or 24 wire
•••	CANOLA	Scalping: 6.5-8/64 round hole Sifting: 3-3.5/64 slot
*	MUSTARD	Scalping: 6-8/64 round hole Sifting: 3.5-4/64 slot
999 00	HEMP	Scalping: 12-14 round hole Sifting: 5.5-6 slot

Grain Cleaning & Analysis

Kwik Kleen, GCS Grain Cleaner & ISM Separator



Kwik Kleen Grain Cleaner

Remove dockage and reduce the chance of overheating by pre-cleaning your grain before shipping or storing it.

FEATURES

FEATURES

> Simple to run

Low initial cost

- ➤ Used for sizing barley and removing small seeds and other dockage
- ➤ Easily removable screens
- More than 20 screen sizes available
- Quick and easy clean out

GCS Grain Cleaner

Gentle, fan-powered grain cl

No screens required

► Low energy consumption

► Easy transition between crops

> Available with electric or hydraulic drive mechanisms

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	CAME LASSIE

GCS 450

GCS Scalper

- ► High-capacity & cost-effective
- ➤ Removes trash. large dockage, pods & white caps
- ► Easy operation
- ➤ Comes with 3 screens



ISM Fractionating Aspirator

Clean all types of seeds and grains

FEATURES

- > No screens required
- Increases seed quality and remove dockage
- > Separates out high-quality, heavy seeds from low-quality, light dockage based on density and weight
- ► Baffle and VFD controlled feed rollers and fans
- ➤ Gentle seed handling
- CSA approved
- ► Low power consumption

Model	ISM 10	ISM 30	ISM 50
BU/HR	150-200 bu/hr	400-500 bu/hr	500-700 bu/
LENGTH	1 x 1 HP	2 x 3 HP	2 x 4 HP
WIDTH	11' 1"	15' 8"	17'
HEIGHT	3' 4"	3' 8"	5' 4"
MOTOR SIZE	6' 8"	9' 1"	9' 1"
WEIGHT	440 lbs	1,543 lbs	2,138 lbs



ISM 50 MOBILE UNIT FEATURES:

- ➤ 16' car hauler trailer
- ▶ 1200 kW generator
- ► 2 discharge augers

15M 50

MOBILE UNIT







CYCLONE SEDIMENTARY **CHAMBER**

Dust & Light Impurities

The closed-circuit system of the CSC significantly reduces the amount of dust and chaff outside the machine and lowers power and air consumption.

Grain Cleaning & Analysis

Bench Air & Screen Cleaner, Perten Grain Testers

Bench Modular Air & Screen Grain Cleaner

Gentle feeder will not damage your crops

FEATURES

- > An affordable way to clean your grain
- ► Large cleaning deck with a gentle vibratory feeder for accurate air separation
- ► Low horsepower requirements
- ► Easy to change screens
- Designed for durability and accuracy



MOBILE UNIT WITH FULL SIZE CLEANER



BENCH MARKET

BENCH DOUBLE SHOE



BENCH MID SIZE





Model	Market	Double Shoe	Full Size	Mid Size	Mini
CAPACITY	1500 bu/hr dockage removal	500 bu/hr for cereals	300 bu/hr for cereals	100 bu/hr for cereals	30 bu/hr for cereals
SCREEN SIZE	54" x 36" (6)	54" x 36" (12)	54" x 36" (6)	36" x 54" (2)	27" x 36" (2)
DECK SIZE	54" x 108"	54" x 72"	54" X 72"	36" x 54"	27" x 36"
HORSEPOWER	5 HP on Fan 2 HP on Shoe	10 HP on Fan 3 HP on Shoe	5 HP on Fan 2 HP on Shoe	3 HP on Fan 1 HP on Shoe	2 HP on Fan 1/2 HP on Shoe
WIDTH	Please call	8' 1"	6' 8"	4'	3'
HEIGHT	Please call	8'	5' 6"	4' 10"	4'
WEIGHT	Please call	4,500 lbs	2,400 lbs	1,780 lbs	580 lbs

Perten AM 5200 Grain Moisture Meter

Test high temperature grain straight off the dryer

- > The most accurate and repeatable moisture meter available
- > UGMA provides an accurate analysis regardless of temperature or crop type
- > Displays moisture, test weight & temperature in 10 seconds (5200-A) and 25 seconds (5200-Farm)
- > Easy to use with a large colour touch screen for operation and presentation of results



PERTEN IM 8800

Perten IM 8800 Grain Protein Tester Light & compact for fast, portable grain testing

- specifically for on-farm conditions
- to the field
- fast harvest and bin decisions

Perten IM 9500 Grain Protein Tester *Commercial grain protein & moisture analyzer*

- > Reliable, robust & built to meet the requirements of commercial grain handling operations
- > Displays moisture, protein & oil content in less than 30 seconds
- > Large colour touch screen is easy to operate and simplifies the analysis results
- > Optional test weight module is available

Labtronics 919 Moisture Tester

- > Portable and designed for on-farm use
- > Comes as a complete kit with a digital scale, Celsius thermometer, and set of charts



> Optional







PERTEN AM 5200-A Designed for commercial use Optional flow-through drawer available





> Near-infrared (NIR) portable grain analyzer designed

> Powered by 12V or 2-hour battery for easy transport

> Displays moisture, protein & oil content in 90 seconds > Equipped with GPS protein field mapping to make

PERTEN IM 9500

Sample Master

> Automatically collect samples from swing augers, grain baggers & grain dryers

> Install in minutes with the supplied adapter plate remote contro



GRAIN ANALYSIS ACCESSORIES



CANOLA ROLLER KIT 100 OR 500 COUNT Use this handy canola roller kit to check your canola green counts



STEEL & PLASTIC ROLLERS

BUSHEL WEIGHT SET (STRIKER, COX FUNNEL 0.5L CUP)

> A+D COMPACT **DIGITAL SCALE** 500G X 0.1 G

A+D EJ1500 DIGITAL SCALE 1500G X 0.1 G

> **DIGITAL CELCIUS** THERMOMETER

SAMPLE SCOOP

BRASS GRAIN PROBE 6', 8', 10'

> **OPI STICK** PROBE

Use with your bin or grain bag to quickly check temperature

From start to finish, the Flaman Grain Systems team is right beside you.





866.696.9562 www.flamangrainsystems.com