



From Start to Finish We Have it Handled.

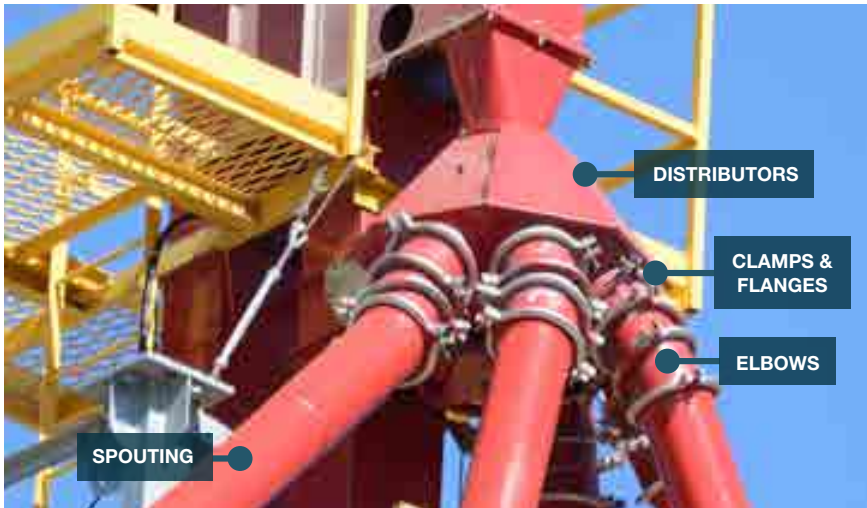


Product Guide 2020
SASKATCHEWAN & MANITOBA



Grain Handling & Cleaning

From Start to Finish we have it handled.



SPOUTING, ELBOWS, CLAMPS, FLANGES, VALVES & DISTRIBUTORS



**Galvanized
Products Available**

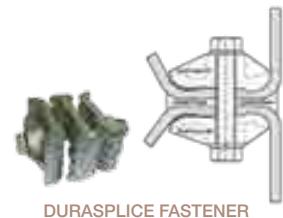


CUSTOM TRANSITION FABRICATION

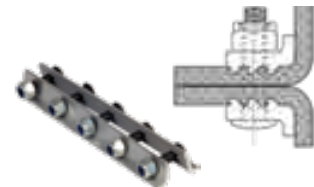


Flaman provides the components required for Grain Handling Setup & Maintenance. We will take care of any or all of the elements including:

- Design & Layout
- Equipment & Parts
- Setup & Installation
- Maintenance & Service



DURASPLICE FASTENER



GRIPWELL SPLICERS



BELTING
Available in 4" to
20" belting

www.flamangraincleaning.com

We can help you find the best solution.

Saskatoon, SK 306.700.3823 / Southey, SK 306.993.9688



BUCKET ELEVATOR TOWERS

Our team of consultants and industry experts, purchasers, service specialists and support staff can help with any aspect of business related to your Grain Handling Equipment. We can provide, install and service:

*Horizontal, Incline & Overhead Conveyors
Flow Systems & Accessories
Support Towers, Safety Structures & Catwalks*



Largest Supplier of Bucket Elevator Cups & Accessories in Western Canada



BUCKET ELEVATOR CUPS



CAPACITIES RANGE FROM 200 BU/HR - 20,000 BU/HR



OVERHEAD CHAIN CONVEYORS & CATWALKS

Catwalk structures & safety platforms



NORWAY & FANGED BOLTS
All bolts come with nuts



PLASTIC FLIGHTING
GENTLE ON PULSES
Available for 5", 6", 7", 8" & 10" augers



SPACERS



WALINGA PNEUMATIC CONVEYANCE SYSTEM

Ideal for connecting grain dryers

Plant Installation

Complete Cleaning & Processing

We specialize in Grain Cleaners and Grain Sorters of various capacities and function too. Give us a call and tell us how we can help.

1. Custom Built Hoppers
2. Gjesdal M2500
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



CLEANING AND PROCESSING PLANTS



PLANT DESIGN & LAYOUT

Custom Screens

Shipping available to anywhere in North America



SLOTTED
SCREEN



ROUND HOLE
SCREEN



DOUBLE CUT
TRIANGLE
(BUCKWHEAT)

SCREEN TYPES

Round, Slot, 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

Many Sizes Available

Durable hand sieves designed for
excessive use in tough environments.



WOOD HAND TESTERS

Assorted Kits Available

Economical hand tester kits. Changeable
screen inserts available



GRADER SHELLS, SCALPER REELS AND INDENT SHELLS AVAILABLE

SCREENS ARE AVAILABLE FOR MOST MAKES OR MODELS

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



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



Oat

scalping: 18-20/64 round hole
scalping: 9-10/64 slot
sifting: 5-6/64 slot



Eston Lentils

scalping: 15-16/64 round hole
sifting: 8-10/64 round hole (fines)
sifting: 5/64 slot (splits)



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



Peas

scalping: 20-24/64 round hole
sifting: 10-14/64 slot



Chick Peas

scalping: 26-32/64 round hole
sifting: 12-16/64 slot



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



Hemp

scalping: 12-14 round hole
sifting: 5.5-6 slot

Kwik Kleen Dockage Cleaners



ELECTRIC MODEL
772 SHOWN

*Reduce your dockage and
chances of heating by
pre-cleaning your grain
before shipping or storing.*



HYDRAULIC
MODEL 572 SHOWN

ELECTRIC OR HYDRAULIC



QUICK & EASY CLEAN OUT



DURABLE CHAINS & SPROCKETS

Used for sizing barley & removing small seeds and other dockage.

All models are available with electric or hydraulic drive mechanisms, and feature easily changeable screens. More than 20 screen sizes are available to accommodate many commodities and are great for sizing malt barley or removing canola from lentils and soybeans.

Kwik Kleen	572	772
LENGTH	108"	108"
WIDTH	58"	72"
NUMBER OF AUGERS	5	7
THROUGHPUT CAPACITY	7"- 8" AUGER	10" AUGER
HYDRAULIC DRIVE	12-13 GPM	14-15 GPM
ELECTRIC DRIVE	5 HP	7.5 HP
TUBES	5	7
CLEANOUT FEATURE	YES	YES
SCREENING AUGER	4"	4"

GCS Grain Cleaner

Gentle, Fan Powered Grain Cleaning

No screens required

Fan Powered

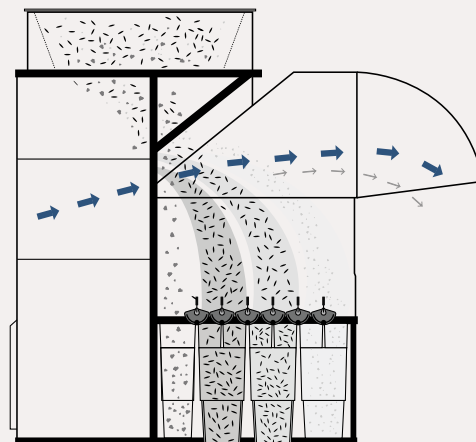
Simple to run

Low initial cost

Low energy consumption

Easy transition between crops

- ➡ Air Flow
- Dust & Light Impurities
- Clean Product
- ▴ Rocks & Debris
- Light Impurities



ISM Separator Fractionating Aspirator



CYCLONE SEDIMENTARY CHAMBER (CSC)

The closed circuit system of the CSC significantly reduces the amount of dust and chaff outside the machine.

➡ Air Flow
➡ Dust & Light Impurities



MODEL ISM 50 SHOWN

The ISM separator is designed to separate various fractions of homogeneous material from each other. The Impeller forms an airflow pattern that separates various fractions while maintaining an aerodynamic shape.



MOBILE UNIT

Clean All Types of Seed and Grain

Model	ISM 10	ISM 30	ISM 50
BU/HR	180-360	550-1100	900-1800
LENGTH	11' 1"	15' 8"	17'
WIDTH	3' 4"	3' 8"	5' 4"
HEIGHT	6' 8"	9' 1"	9' 1"
MOTOR SIZE	1 HP	6 HP	8 HP
WEIGHT	440 LBS	1543 LBS	2138 LBS

NO SCREENS REQUIRED

Increase seed quality & remove dockage
Separates out high quality heavy, plump seeds from low quality light dockage
CSA approved
Baffle + VFD controlled parameters
Low power consumption
Gentle seed handling (padded baffles)



GCS 200

The GCS is a farmer friendly grain cleaning machine that utilizes fans to gently clean your crop.



GCS
SCALPER

GCS	200	450	1000	1400	Scalper
CAPACITY	UP TO 200 BU/HR	UP TO 450 BU/HR	UP TO 1000 BU/HR	UP TO 1400 BU/HR	1000 BU/HR
MOTOR	3/4 HP	1.5 HP	3 HP (2 X 1.5 HP)	10 HP (2 X 5 HP)	1/3 HP
DIMENSIONS (LxWxH)	81" X 19" X 90"	94" X 30" X 94"	94" X 51" X 94"	91" X 55" X 95"	65" X 58" X 65"
WEIGHT	400 LBS.	800 LBS.	1800 LBS.	1900 LBS.	500 LBS.

Fan speed and air flow are controlled by a VFD (Variable Frequency Drive) to allow for adjustments depending on weather conditions, grain type and desired capacity.

Gjesdal Cleaners

All-In-One Seed Cleaners



GJESDAL M1000

Gjesdal	M1000
CAPACITY	100 BU/HR
WEIGHT	2200 LBS.
HEIGHT	9'2"
WIDTH	4'8"
LENGTH	9'

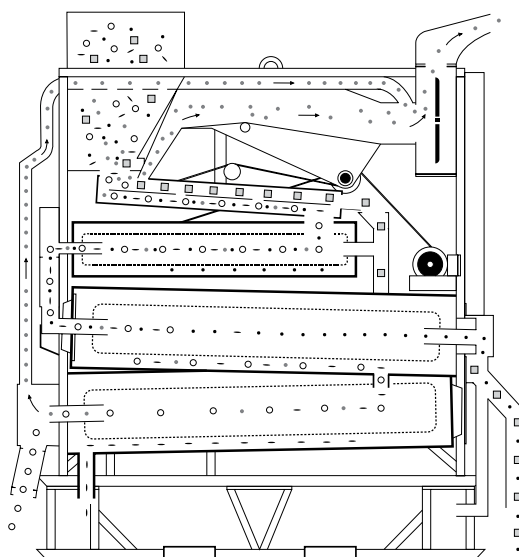
1) 10 x 36 and (1) 18 x 36 scalping / sifting sieves & ball rack system
 (3) 45" grader shells
 (1) 90" full length large pocket indent
 (1) 90" full length small pocket indent
 (2) 2HP 110/220V 1 or 3 phase motor

Gjesdal	M2500
CAPACITY	250 BU/HR
WEIGHT	4400 LBS.
HEIGHT	9'5"
WIDTH	7'
LENGTH	9'8"

(3) 18 x 60 scalping / sifting sieves & ball rack system
 (4) 62" grader shells
 (2) 90" full length large pocket indent
 (2) 90" full length small pocket indent
 (1) 5HP 110/220V 1 or 3 phase motor
 (1) 2HP 110/220V 1 or 3 phase motor



GJESDAL M2500



- Air Lifted Screenings
- Large Screenings
- Small Screenings
- Wild Oats
- Clean Product
- Air Flow

GJESDAL SEED CLEANER

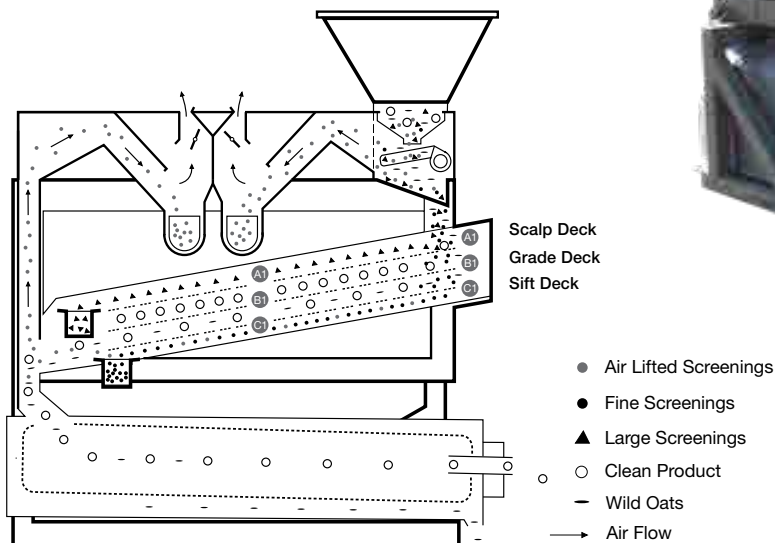
The Original 5 in 1 Grain Cleaner

- 1.** Aspiration - Pre & Final Air
- 2.** Scalp Deck – removal of large material (Scalping)
- 3.** Grader Shells – removal of small material (Sifting)
- 4.** Small Pocket indent – buckwheat and broken cereal kernel removal (Short Removal)
- 5.** Large Pocket Indent - wild oat & long grain removal

The Gjesdal 5-in-1 grain cleaner was developed in Saskatchewan as a solution that encompasses all of the elements necessary to clean common grain into clean seed that can be put back into the ground or sold to market.

Bench / Premier

Seed Cleaner With Indents



BENCH / PREMIER

All-in-one seed cleaners take the proven Bench air screen modular cleaner and combine its technology with multiple 17"x90" indents.

The Bench air screen utilizes scalping and sifting screens mixed with aspiration. The large pocket indents provide the length separation for wild oat removal.

- Pre Aspiration
- Scalp Screen
- Sift Screen
- Large Pocket Indent
- Final Aspiration



BENCH	Premier
CAPACITY	250 BU/HR
HORSEPOWER	2 HP MACHINE 5 HP ON FAN 3 HP INDENT
SCREEN SIZE	54 X 36 (6)
DECK SIZE	54 X 72
INDENT	(3) 17" X 90"

Bench Industries

Air and Screen Machines

BENCH MOBILE UNIT WITH
FULL SIZE CLEANER

Bench Air and Screen grain separators are an affordable way to clean your grain. Counterbalanced shaker shoe, large air settling chambers with precise adjustments, and a heavy-duty frame allow for accurate cleaning and a long lasting life expectancy. Low HP requirements and easy to change screens.



Mobile Unit comes equipped with:

- Cyclone air system
- 16' Screening auger
- Screen storage bank
- Electric package including four VFD's and hopper sensor

A1 A2
B1 B2
C1 C2

A1 A2
B1 B2
C1 C2



BENCH DOUBLE SHOE

A1
C1



BENCH MID SIZE

A1
C1



BENCH MINI

Bench Modular Air Screen

Gentle feeder will not damage your crop.

Bench	Market not shown	Double Shoe	Full Size Mobile unit shown	Mid Size	Mini
CAPACITY	1500 BU/HR <i>dockage removal</i>	500 BU/HR <i>for cereals</i>	300 BU/HR <i>for cereals</i>	100 BU/HR <i>for cereals</i>	30 BU/HR <i>for cereals</i>
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; ½ HP ON SHOE
WEIGHT	PLEASE CALL	4500 lbs.	2400 lbs.	1780 lbs.	580 lbs.
WIDTH	PLEASE CALL	8'1"	6'8"	4'	3'
HEIGHT	PLEASE CALL	8'	5'6"	4'10"	4'

If white caps are your problem the Bench Debearder is your solution

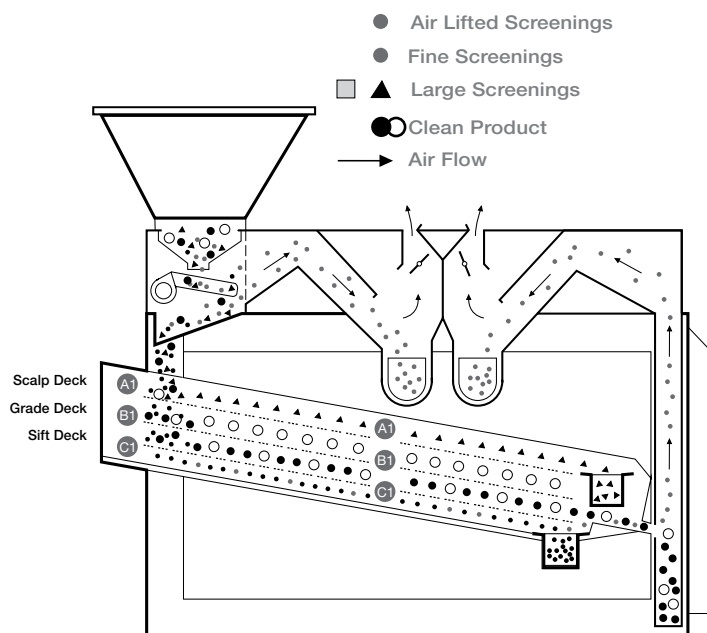


BENCH DEBEARDER

Improve the test weight of your grain

The debearder helps to improve the flow-ability of products and improves test weight. It breaks up hard to thrash commodities and polishes grain, oats and wheat. Available with 7 ½-20 HP TEFC or TEXP motor, which can clean up to 400 bu/hr. 16 hard surfaced blades and 16 stationary blades assist with the product flow and movement in the drum. The Bench debearder has an 18" diameter drum, which features a heavy duty drop down door for easy clean-out.

Bench	Debearder
CAPACITY	UP TO 400 BU/HR
HP REQ.	7 ½ - 20 HP



SATAKE VERTICAL PULSE & CEREAL DEHULLER

5-10 TONS / HR

Lentils, Barley, Wheat, Millet & Sorghum: Dehuller

Peas: Dehuller & splitter when equipped with special coated rolls

The Satake pulse and cereal dehuller type VTA is a high capacity machine designed for the removal of hulls and husks from a range of commodities including lentils, chickpeas, soy and barley. The machine is exceptionally hard wearing for a trouble free 24 hour operation.

Satake	VTA10	VTA20
CAPACITY	UP TO 5 TONS / HR 180 BU / HR	UP TO 10 TONS / HR 360 BU / HR
POWER REQ.	45-55 KW (6P)	90-110 KW (6P)
AIR VOLUME	55 M³ / MIN	80 M³ / MIN
STATIC PRESSURE	120-150 mmAq	120-150 mmAq


WEB
VIDEO

BoMill TriQ Quality Sorting Technology
Visit flamangraincleaning.com/video



BoMill TriQ

BOMILL PROTEIN, FUSARIUM & VITREOUS SORTER

*Sorts Each Individual Kernel -
25000 kernels/second*

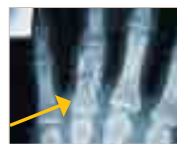
BoMill – TriQ Technology

The TriQ technology can be used to sort durum wheat, soft wheat, malting barley, spelt and oat on fusarium, protein, vitreousness, seed quality and falling number with a speed of 25000 kernels per second.

BoMill	TriQ
CAPACITY	118 BU/HR average grain
HEIGHT	70.87"
WIDTH	47.25"
DEPTH	68.90"
WEIGHT	2,205 LBS
SORTING CHANNELS	96

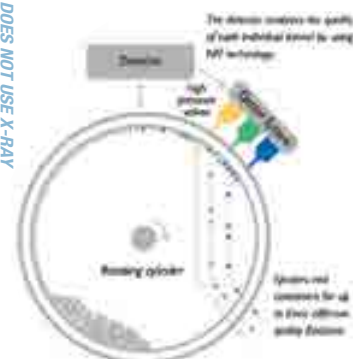
Technology that looks beyond the surface

Near Infrared Transmission Technology (NIT)



DOES NOT USE X-RAY

Removes unwanted kernels using specially designed (grain specific) drum, near infrared detectors, and air ejection. Sorts product into one to three separate distributions or quality fractions using a transmission style analyses.



Specialty Analysis Equipment



CARTER-DAY DOCKAGE TESTER

*Accurate and uniform tests of
grain samples for dockage*

The Carter-Day Dockage Tester was designed to provide more consistent results than hand testing, and can use one riddle and three sieves simultaneously while aspirating at the same time.



LAB DEHULLER HULLERMATIC

*Self-contained easy to
use machine*

This compact lab sized impact dehuller, can hull oats at a rate of 5-10 BU/HR. The machine has a manual tensioner and no air. The motor is ¾ HP and wired for 110 volts.

Colour Sorting & Processing



RNEZX 7500



RGBR 5401

Satake Optical Colour Sorters

RNEZX SERIES

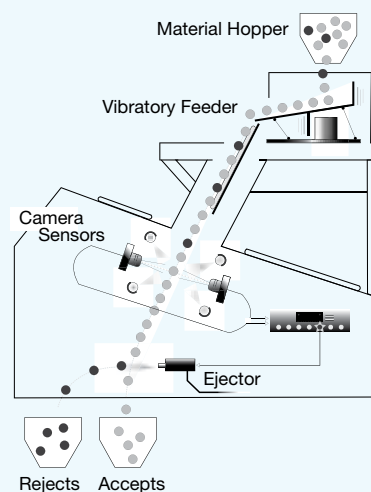
The next step in the RNEZ series. This model is upgraded with higher camera resolution, larger touch screen, option for 6 or 10 chutes, as well as shape sorting capability.

Satake's high capacity, cost-effective, **full colour** precision optical sorter series is ideal for bulk agricultural products such as wheat, lentils, peas and other small grains. The RNEZX Series sorter is able to consistently and effectively sort these product types at high capacity - up to 3.5 tons per hour per chute - for common grains. Secondary and/or tertiary resort capability is also optional if desired.

The RNEZX is powered by patent-pending Satake software assuring quick set-up and hassle-free operation. A simple user interface, similar to a smart phone or tablet with touch and flick operation, offers the operator quick adjustments to a number of settings and sensitivities.

RGBR SERIES

Impurities such as glass, plastic and stone which are invisible or have the same colour as the material cannot be detected with only a full colour CCD camera. The RGBR series has the ability to detect and sort these impurities with a high technology NIR camera inside.



We See Your Grain Differently



DURUM



MUSTARD



PEAS



Full Colour	FMS 2000	Evolution 400	Evolution 800	RNEZS 2500	RNEZS 6500	RNEZX 4500	RNEZX 7500	RGBR 3401 IR Capabilities	RGBR 5401 IR Capabilities
CAPACITY*	60 BU/HR	200-400 BU/HR	400-800 BU/HR	75-200 BU/HR	225-600 BU/HR	~600 BU/HR	~1000 BU/HR	~500 BU/HR	~900 BU/HR
HEIGHT	81.1"	80.9"	80.9"	68.4"	68.4"	68.4"	68.4"	74.9"	74.9"
WIDTH	18.9"	52.2"	64.5"	54.2"	109"	81.7"	114.2"	62.2"	89.7"
DEPTH	49.6"	62.8"	62.8"	64"	64"	64"	64"	61"	61"
NUMBER OF EJECTORS	48	92	184	136	409	273	455	252	420
CHUTES	1	4	8	3	9	6	10	3	5
CHUTE WIDTH	240 mm	100 mm	100 mm	220 mm	220 mm	224 mm	224 mm	336 mm	336 mm
SHAPE CAPABILITIES	INCLUDED	OPTION	OPTION	N/A	N/A	INCLUDED	INCLUDED	INCLUDED	INCLUDED

*Capacities are based on 60lb/bu product. Capacity is highly variable.



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www.flamangraincleaning.com