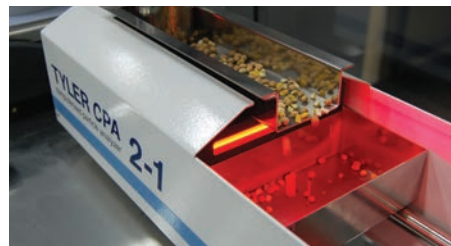




P **PROFILE**
INDUSTRIES
SPIRAL SEPARATORS MANUFACTURER





Some companies meet standards.

**WE SET THE STANDARD
IN SEED SORTING TECHNOLOGY.**

LET'S NOT KID OURSELVES, there is more than one company that can provide you with seed cleaning technology, but with Profile Industries' selection of spiral separators, you are getting more than a piece of equipment. The right seed cleaning and separating equipment can mean the difference between good and great profits and good just isn't good enough for us.

Why Choose Profile Industries?

WHAT YOU NEED TO KNOW

Why wait the industry standard 3-6 months to install your customized separating configuration? With Profile Industries' comprehensive inventory in-stock, we are able to configure and ship your equipment requirements in 48 hours, minimizing your downtime and enabling rapid ROI.

SERVICE THAT REALLY COUNTS

Everyone at Profile Industries is fully committed to your success. Before, during, and (most importantly) after the sale, our team of qualified professionals will guide you every step of the way to make the most of your custom separation equipment. Here, Service is not just a department. It is what drives everything we do.

WE WILL GROW WITH YOU

As your operational needs grow and change, our modular, customizable equipment is easily reconfigured for additional units, different cores, and/or different pieces of equipment to meet crop rotations and capacity requirements. We look forward to partnering with you over the long haul and watching your operation flourish and grow.

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Custom Shape Classification Solutions |



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ROTARY SPIRAL SEPARATOR

WHEN YOU DEMAND FLEXIBILITY, AND ARE SEEKING MAXIMUM YIELD AND PURITY, look no further than Profile Industries' Rotary Spiral Separator. This patent pending technology gives you the capabilities of multiple pieces of equipment from a single machine. With the Rotary, just one size core gives you the ability to handle all seed separation.

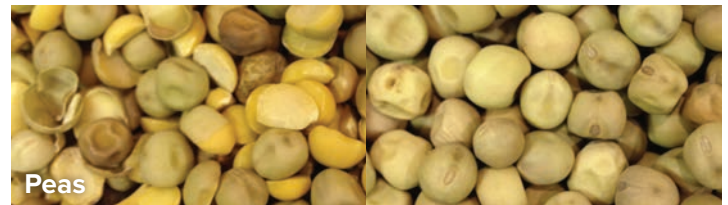
“Why merely meet the standards when you can set your own?”



4 Core Rotary Spiral Separator
Patent Pending



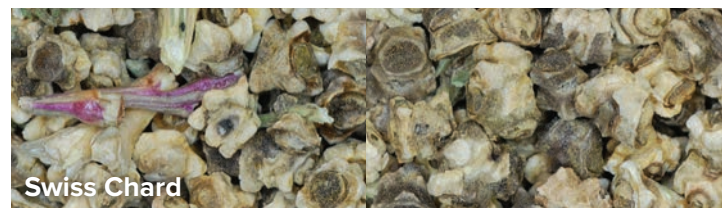
Cabbabe



Peas



Raddish



Swiss Chard

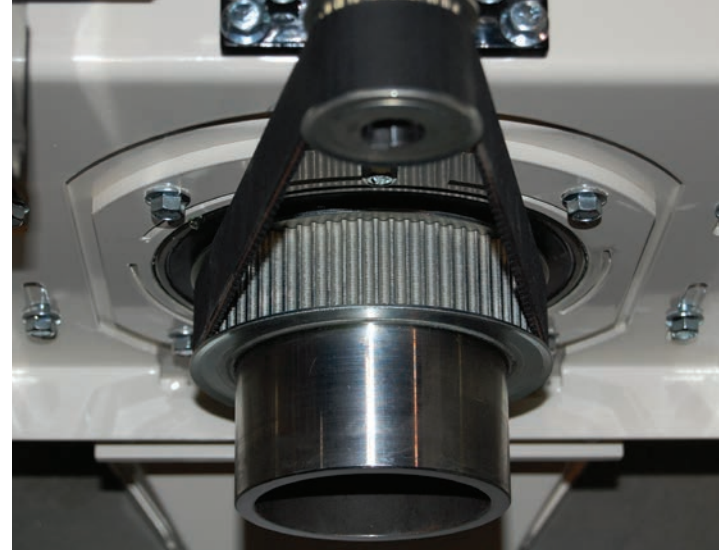
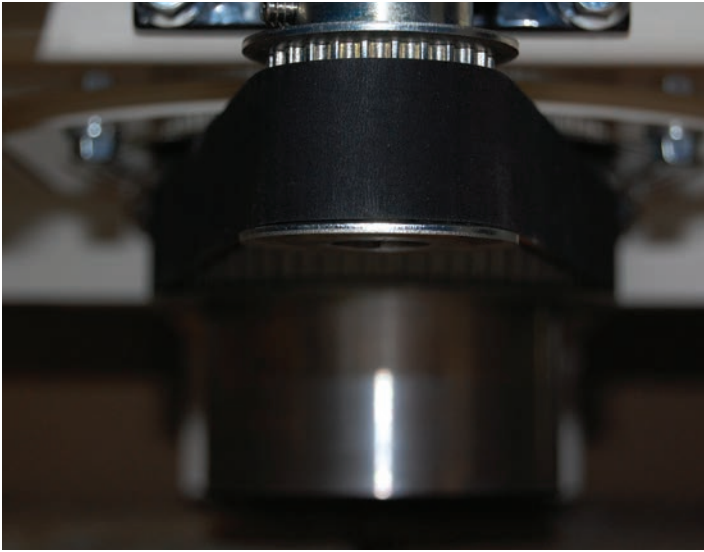
A. Inconsistent, impure seed means a lower bottom line for you.

B. Seed refined by our Rotary Spiral Separator maximizes your yield and quality for higher profits.

WHY THE ROTARY MAKES SENSE

By replacing open separators and belt sorters (along with their huge footprint), our rotary technology allows you to **reduce waste from 5-20% down to .5%**, and increase operational efficiency and flexibility to boot.

In-process adjustments to fine tune your sorting is a snap, and what would have taken more than an hour of downtime and operator effort with static spirals can be done in just thirty seconds.



YES, IT'S CONSTRUCTED OF WELDED GALVANIZED STEEL

to minimize heat and vibration; yes there are the industry standard four turns of separation; but where we set ourselves apart is the ability to adjust—on the fly—with variable speed controls and flow control, to ensure your yield is the best it can possibly be. The optional PLC will give you the exacting control you need.

WITH 14 FLIGHT SIZES AVAILABLE

(1.5" – 8") your separator will be designed for your exacting needs. Available stainless cores have added magnetism-reducing capabilities. **Have a unique operational footprint?** No problem. Either horizontal or vertical discharge options are standard, and custom inner flights, unit leg heights, dust and discharge collection adaptors are available. Custom powder coat colored enclosures will even make sure your equipment looks the best it can within your operation.

We think of everything.

SAFETY FIRST

Our keyed interlock switch immediately notes removal of the protective shield on the front of each Rotary Spiral Separator, and automatically halts movement to ensure complete operator safety at all times.



Single Core
Rotary Spiral Separator
Patent Pending

HEAVY DUTY ENCLOSED SPIRAL SEPARATOR

AS YOU DETERMINE THE BEST SPIRAL SEPARATORS

for your operation, the added value and flexibility of the enclosed spiral separator cannot be overlooked. Welded, 14-18 gauge powder coated steel ensures rugged durability; they are configurable from one to twelve core units, and can grow and change in response to your operation's needs.



Enclosed Spiral Separators also available with 2, 4, 6, or 8 Cores

“With eight flights instead of five, our enclosed separators offer 60% more capacity and reduce noise by 30%.”

REPLACEMENT CORES

So, we really don't like to talk about our equipment wearing out.

But you have a busy operation, and your equipment can run around the clock. Inevitably things wear. At Profile, our in-stock inventory means you can get **replacement cores shipped within 48 hours.**

In addition, as your operation changes, and your existing equipment needs updating, our cores are usable in other manufacturer's technology—so don't be shy, let **Profile cores ensure you have the utmost in purity and consistency in seed quality.**



Single Core Enclosed Spiral Separator



STANDARD FEATURES:

- Four turns of separation
- Inner flight sizes from 3" – 8" (.5" increments)
- Adjustable gate for non-round material

OPTIONAL FEATURES:

- Stainless steel flights customized to address magnetism and static concerns
- Custom inner flight designs
- Custom built cores to fit any existing enclosure

HEAVY DUTY OPEN SPIRAL SEPARATOR

THE BIRTH OF SPIRAL SEPARATION TECHNOLOGIES

can be traced back to the open spiral. Portable, able to be operated right in the fields, they are a cost-effective shape classification solution.

Profile Industries' take on this is our Heavy-Duty Double Spiral Separator. Quality construction includes welded, galvanized steel to withstand heat and vibration, with both direct and hopper feeds. Four separating turns are standard, with eleven flight sizes available from three to eight inches. Also, the double spiral allows you to choose different inner flight core sizes for dual operations.



Single and Double Spiral Separator

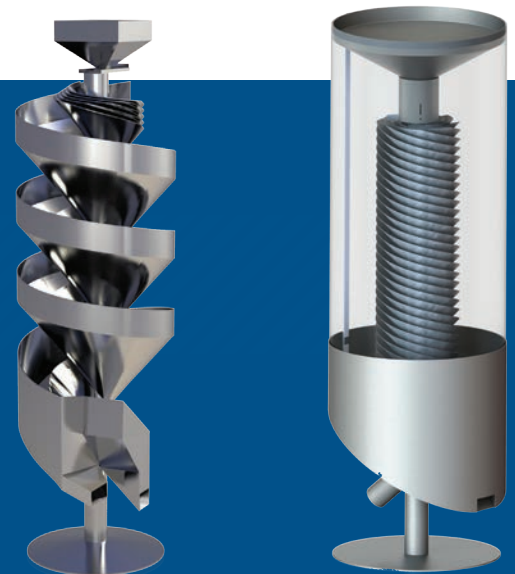
LOOKING FOR SOME ADDED FEATURES?

- *Stainless steel inner flights reduce magnetism and increase core life*
- *Left-hand discharge chute (right hand standard)*
- *Customizable sizes for operations with height constraints*
- *Self-cleaning hopper inserts*

LAB AND CLEAR VIEW SPIRAL SEPARATOR

Easily adjustable with five different-sized inner flights, the Heavy Duty Lab Spiral Separator is one machine your business cannot afford to be without. Just one LAB machine can effectively manage all of your seed separating needs and save you the cost and space of three to four additional units.

Both Profile Industries' Lab Spiral Separator and Clear View Separator are uniquely designed technologies that will add value to your custom operation. Let's explore them together.



Lab Spiral Separator & Clear View Spiral Separator



WHY PROFILE STANDS OUT FROM THE FIELD

Profile Industries was born out of hard work, entrepreneurial vision, and an opportunity.

Dennis DeJong, founder and CEO of Profile Industries, knows about hard work. Born and raised on a farm in central Minnesota, strong family values and an extraordinary work ethic was centered on service towards one another.

Dennis has carried those values into Profile Industries. Working hand-in-hand with his son, Steve, those principles are core to every decision they make. You see it in their product, their commitment to the agricultural industry, to their customers, and to one another.

DOES YOUR COMPANY HAVE UNIQUE NEEDS?
TRY OUR FREE LAB ANALYSIS.

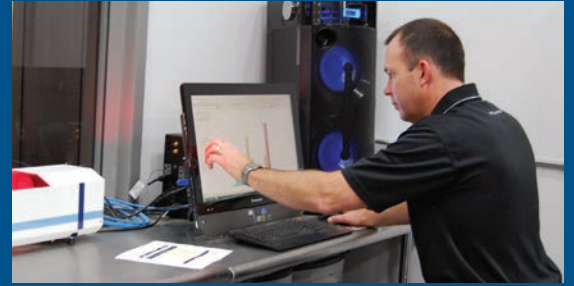


ORDERS SHIP IN
48HRS
OR LESS

We are eager to prove to you how our line of spiral separators will provide you the purity and quality you need. Our free lab analysis will make that abundantly apparent, and we look forward to a technical consultation to evaluate just how our technology will make your seed & grain operation more profitable.

Call **763.428.5858** for your **Free Consultation**,
or visit us online at **www.profile-ind.com**.

You won't have to wait for weeks while we construct your equipment; we build and maintain an inventory of our components and are able to configure and ship superior quality equipment to any customer, worldwide, within two days.



CAPACITY x QUALITY = PROFITABILITY

While seed sorting technology is fairly simple, ensuring you are using the best equipment for your operation is key to optimizing quality and maximizing profitability.

It starts with free lab analysis, using our state-of-the-art image analyzer to evaluate

the exact specifications of your seed/crop. We will configure a customized solution uniquely designed for you.

Our goal is to give you exactly what you need, when you need it and prove to you that Profile is shape classification solutions, done right.

QUALITY CONTROL

We at Profile design and build our own components from replacement cores to enclosures, we have absolute control over the quality of every piece of equipment. That control means you can have peace of mind that you are getting the very best.

“ *When it came time to look at solutions for increasing volume in our soybean cleaning area, Profile Industries stood out from the crowd.* ”



Their experts spent time uncovering our specific needs and making sure that we got the right product for our facility and goals. In addition to more than doubling our volume, the equipment purchased from Profile has positively impacted the quality of our product. And the follow up has been terrific! They've remained in contact to ensure that things are running smoothly. As a rapidly growing company, Legend Seeds™ appreciates the commitment that Profile Industries demonstrated in helping us meet our needs. **Tim Bratland, Production Manager, Legend Seeds**

2014 PROFILE INDUSTRIES PRODUCT LINE



Rotary Separator



Enclosed Spiral Separator



Open Spiral Separator



LAB Spiral Separator



Clear View Spiral Separator

	Rotary Separator	Enclosed Spiral Separator	Open Spiral Separator	LAB Spiral Separator	Clear View Spiral Separator
MATERIAL	Heavy powder coated steel Enclosure Galvanized or stainless steel core	Heavy powder coated steel Enclosure Galvanized or stainless steel core	Galvanized or stainless steel core	Galvanized or stainless steel core	Heavy powder coated steel construction Galvanized or stainless steel core
POWER	Motor: AC TEFC Input: 115/208/230 VAC, 60/50 Hz	None required	None required	None required	None required
CONFIGURATION	1 Core or 4 Core	1 Core, 2 Core, 4 Core, 6 Core, & 8 Core	Single or Double	Single	One Core
UNIT DIMENSIONS	1c-25"D x 25"W x 74"H 4c-51"D x 51"W x 90"H	1c-25"D x 25"W x 74"H 2c-48"D x 25"W x 88"H 4c-51"D x 51"W x 90"H 6c-51"D x 75"W x 90"H 8c 51"D x 100"W x 90"H	Single: 22"D x 22"W x 72"H Double: 28"D x 40"W x 77"H	22"D x 22"W x 68"H	24"D x 24"W x 74"H
CRATE DIMENSIONS	1c 36"D x 36"W x 81"H 4c 60"D x 60"W x 96"H	1c 36"D x 36"W x 81"H 2c 42"D x 60"W x 96"H 4c 60"D x 60"W x 96"H 6c 84"D x 60"W x 96"H 8c 120"D x 60"W x 96"H	Single: 22"D x 28"W x 78"H Double: 22"D x 44"W x 84"H	28"D x 28"W x 78"H	36"D x 36"W x 81"H
PRE-CLEANED CAPACITY	10-50 BPH per core	10-50 BPH per core	10-50 BPH per core	1-5 BPH	10-50 BPH
SHIPPING WEIGHT	1c ≈ 500 lbs. 4c ≈ 1500 lbs.	1c ≈ 400 lbs. 2c ≈ 800 lbs. 4c ≈ 1200 lbs. 6c ≈ 1500 lbs. 8c ≈ 2400 lbs.	single ≈ 250 lbs. double ≈ 375 lbs.	≈ 250 lbs.	≈ 375 lbs.
STANDARD FEATURES	Four turns of separation 14 inner flight sizes in half-inch increments from 1.5" – 8" Observation windows Adjustable flow-control Replaceable spiral cores Variable speed controls Vertical or horizontal discharge	Four turns of separation 11 inner flight sizes in half-inch increments from 3" – 8" Adjustable gate for non-round material Observation windows Adjustable flow-control Replaceable spiral cores Variable speed controls Vertical or horizontal discharge	Four turns of separation Inner flight sizes in half inch increments from 3" – 8" Adjustable flow control	Five total inner flights 1@3.5", 1@4.5", 1@5.", 1@5.5" and 1@6.0" Position the feed hopper onto the flight that matches the material you are separating	Four turns of separation Inner flight sizes in half-inch increments from 3" – 8" Orifice flow-control Modular design allows expansion
OPTIONAL FEATURES	Stainless steel flights Custom inner flight designs Discharge adaptors Custom leg heights Powder coated custom colors Rubber lined floor and rubber walls PLC Controller	Stainless steel flights Custom inner flight designs Discharge adaptors Custom leg heights Powder coated Custom colors Rubber lined floor and walls	Stainless steel flights Custom inner flight designs Discharge adaptors Self-cleaning hopper insert for double spirals	Stainless steel flights Custom inner flight designs Discharge adaptors	Stainless steel flights Custom inner flight designs Discharge adaptors Hopper extension for extra process storage Rubber lined floor Center non-round discharge



2014 PROFILE INDUSTRIES ACCESORIES



Flange Adapters



Hopper Extensions



Auto Flow Control



Core Stands

Also Available but not pictured:
Rubber lined walls and rubber lined floors

DOES YOUR COMPANY HAVE UNIQUE NEEDS?
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Soybeans Canola
Wheat Barley Onion
Clover All Spice
Millet Oats Rye
Corn Buckwheat
Chia Sorghum/Milo
Alfalfa Mustard
Rice Guar Vetch
Hemp Carrot Dill Quinoa Spelt
Peas Cauliflower
Broccoli Lettuce Pepper Corn
Angula Cabbage
Raddish Sugar Beet
Green Tatsoi Swiss Chard



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