

Partnering the joy of a golden harvest



Globally Proven Technology | Complete Integrated Solutions | Application Specialist | Worldwide Presence | Concept to Commissioning | State-of-the-art Manufacturing Setup | Life Cycle Support



An ISO 9001:2015 Company

FOWLER WESTRUP (INDIA) PVT. LTD.



Presenting World-Class Agricultural & Industrial Equipment

Fowler Westrup (India) Pvt. Ltd. provides turnkey solutions that are customised as per requirements and designed for high performance. Our capabilities include designing, manufacturing, installation and service of world-class post-harvesting equipment, silo systems and transformers oil filtration and regeneration machines.

Incorporated in 2000, Fowler Westrup is a joint venture between John Fowler (India) Pvt. Ltd. and Westrup A/S, Denmark- the world leaders in post-harvest agricultural equipment, with presence in countries such as USA, UK, Germany, Belgium, France, Australia, Japan, South Africa, etc. The partnership has enabled us to bring the latest global technology to the domestic markets.

Globally Proven Technology

Fowler Westrup offers solutions that have been proven around the world-that's how we ensure consistent performance with innovation-focused technology. Everything from post-harvesting equipment to cleaners, mills, sorters, silos and more – equipped to deliver a performance that will increase your output with higher efficiency and better productivity. Just the right partner for you to grow your business.

Our Global Technology Partners:

- Westrup A/S, Denmark for Post Harvest Machines
- Oliver, Usa for Gravity Separators
- Silos Cordoba, Spain for Silo Systems
- Radix, UK for Color Sorter
- Yamamoto, Japan for Rice Milling
- Crocus, Denmark for Material Handling
- Simatek, Denmark for Material Handling

Complete Integrated Solution

Fowler Westrup offers solutions across the entire value chain, with expertise in every aspect of the product lifecycle. This means, we have complete control over the quality from end to end. As a result, you are assured of high performance and excellence when you choose Fowler Westrup. Our state-of-the-art technologies, combined with innovative systems and impeccable service record translate into quality you can always count on to generate growth.

Our Integrated Solutions in:

- AgriCAP
- Pre-Cleaners
- Fine-Cleaners
- Graders
- Gravity Separators
- Galvanized Steel Silos
- Material Handling Equipment
- Color Sorters
- Rice Mill Machinery



Worldwide Presence

Fowler Westrup creates solutions that deliver high performance across the world. With a vision to become a truly global player in the industry, we have expanded our horizons and widened our reach. Today, clients worldwide are benefitting from our domain expertise and cutting-edge technology-that's the power of partnering with the leader if you too want your business to have a truly global reach.

Our Global Presence:

India, Pakistan, Nepal, Bhutan, Bangladesh, Srilanka, Maldives, Myanmar, Indonesia, Vietnam, Philippines, Canada, The United Kingdom, Ghana, Nigeria, Mali, Egypt, Uganda, Tanzania, Zimbabwe, Kenya, Saudi Arabia, Iraq, Kuwait, Qatar, Uae, Oman, Iran, Malawi & Ethiopia

Life Cycle Support

Fowler Westrup has a customer-centric approach to provide a comprehensive support. We make sure that we are always with the customer throughout the lifecycle and at every touch point. Our lifelong support promise delivers prompt and excellent customer care, so that no matter what the problem is, we have the solution. The support program also includes comprehensive training and development sessions to ensure the customer is equipped with the right knowledge. It's just one small step in our objective to create a long-lasting growth partnership.

Our Life Cycle Support:

- Customer-Centric Approach
- Application Centre with Testing Facility,
- Training at Customer Site & at Fowler Westrup
- Spare Supply & Services
- Essential Spares & Upgradation Kits
- Periodic Maintenance Contracts
- Plant Upgradation

State-of-the-art Manufacturing Setup

Fowler Westrup delivers excellence through innovation. Our solutions are equipped to push the envelope and go the extra mile. State-of-the-art facilities meet cutting-edge infrastructure & a team of professionals with domain expertise and a rich experience. All designed to increase output with higher efficiency and better productivity. Just the right partner for you to grow your business.

Our Infrastructure Setup:

- Manufacturing Facility Spread over 20 Acres in Malur, Bangalore
- Team of 400 + Engineers, Managers, and more
- Hands on Experience in Project Proposal, Engineering, Project Execution, Production, Sales & Service Engineers
- Application Centre for Testing & New Product Development Production
- Fully Automated Corrugation Machine, CNC Turret Punch Press, Bending Machine, Wall Mounted Crane, Separate Welding Section, Carpentry Section, Shot Blasting & Paint Booth
- In-House Research & Development Centre
- Full-fledged Rice Milling Pilot Plant
- Laboratory Facility Equipped for Testing, Training & Application Support

Fowler Westrup In House Test Centre

Fowler Westrup Values customers, their requirements and assist them by conducting innovative tests on products to achieve the optimum results and offer solutions for specific needs. Test centre invites customers to visit Fowler Westrup for face to face discussions and to witness the product results. In some special cases, after trials in Test centre our expertise team will recommend the specific changes to Product Development Team to introduce/develop the machine to cater the specific needs of customer.

Pre - Cleaner

SAB 5-50 TPH

The Pre-Cleaner Type SAB is intended to master the pre-cleaning problems at intake plants. The SAB is also ideal to dress malting barley and milling grain to the highest quality commercial sample at a reduced throughput.

The machine is constructed of steel with sieve boat made of laminated wood.



Standard Construction

- With Inlet with Feed Roll, Pre-Aspiration, Tail Aspiration and Waste Outlet on the Right-hand Side (While Viewing From Feed End)
- Sieveboat with 1 Short Scalping Screen Layer (1 Screen Part), 1 Long Grading Screen Layer (2 Screen Parts) and 1 Long Sand Screen Layer (2 Screen Parts) and All Screens with Rubber Ball Cleaning.
- With Built-in Fan, Firm Drive & Motors
- Incl. One Set of Screens (Field Perforated) + Ball Frames

Applications

- Seeds : Paddy, Wheat, Maize, Cotton seeds, & more
- Oilseeds: Groundnut, Soya, Sunflower, Sesame & more
- Spices : Pepper, Cardamom, Coriander, Red Chilli seeds & more
- Grains : Paddy, Wheat, Maize & more
- Pulses : Red Gram, Green Gram, Black Gram, Lentils & more.

Technical Data-Type SAB	UOM	SAB 600	SAB 800	SAB 1000	SAB 1500
Screen Size L =1000mm x W mm	mm	600	800	1000	1500
Screen Area	m ²	3.00	4.00	5.00	7.50
Motor, Fan	HP	5.0	5.0	7.5	7.5
Motor, Sieve Boat	HP	1.5	1.5	1.5	2.0
Air Volume	m ³ /hr	5000	5000	6500	8000
Cyclone Dia (Not in our scope)	mm	950	950	1200	1400
Net Weight App.	Kg	500	550	850	1450
No of Rubber Balls / Machine	Pcs	280	420	420	700
Length of Bottom Frame	mm	2700	2700	2700	2700
Width of Bottom Frame	mm	810	1010	1210	1710
Machine Ht. without fan	mm	2050	2050	2050	2050
Fan Height	mm	625	650	715	745
Capacity* Pre-cleaning (On Wheat Basis)	Ton/Hr	8-12	15-20	20-30	40-50
Capacity* Pre-cleaning (On Paddy Basis)	Ton/Hr	3-5	5-8	8-10	12-15

*Capacities are based on wheat at max 18% moisture content and may vary depending on the amount of waste material.

Pre - Cleaner

SAC 5-50 TPH

The Fowler Westrup SAC Silo Separator is the first and foremost machine, designed to master pre-cleaning problems at modern intake plants, furthermore it is also ideally suited to dress malting barley and milling grain to the highest quality commercial sample at a reduced throughput.

The machine is constructed of steel with sieve boat made of laminated wood.



Standard Construction

- Inlet with Feed Roll
- Aspiration Chamber with Waste Auger
- Sieve Boat with 1 Short Scalping Screen Layer (1 Screen Part) and 3 Long Grading / Sand Screen Layers (2 Screen Parts) and All Screens with Rubber Ball Cleaning
- Built-in Fan, Fixed Speed Drive, and Motors

Applications

Seeds : Paddy, Wheat, Maize, Cotton seeds, Coffee seeds & more

Oilseeds: Groundnut, Soya, Sunflower, Sesame & more

Spices : Pepper, Cardamom, Coriander, Red Chilli seeds & more

Grains : Paddy, Wheat, Maize & more

Pulses : Red Gram, Green Gram, Black Gram, Lentils & more.

Technical Data-Type SAC	UQM	SAC 800	SAC 1000	SAC 1500
Screen Size L = 1000 mm x W mm	mm	800	1000	1500
Screen Area	m ²	5.60	7.00	10.50
Motor, Fan	HP	5.00	7.50	7.50
Motor, Sieve Boat	HP	1.50	1.50	2.00
Air Volume	m ³ /hr	5000	6500	8000
Cyclone Dia (Not in our scope)	mm	950	1200	1400
Net Weight App.	Kg	600	900	1500
No of Rubber Balls / Machine	Pcs	588	588	980
Length of Bottom Frame	mm	2700	2700	2700
Width of Bottom Frame	mm	1010	1210	1710
Machine Ht. without fan	mm	2050	2050	2050
Fan Height	mm	650	715	745
Capacity* Pre-cleaning (On Wheat Basis)	Ton/Hr	15-20	20-30	40-50
Capacity* Pre-cleaning (On Paddy Basis)	Ton/Hr	4.00	6.00	10.00

*Capacities are based on wheat at max 18% moisture content and may vary depending on the amount of waste material.

Pre - Cleaner

SI 30-80 TPH

The Fowler Westrup Pre-Cleaner Type SI has been designed to master pre-cleaning processes at intake plants. It is also ideally suited to dress malting barley and milling wheat / paddy to the highest quality commercial sample at a reduced throughput.

The machine is constructed of steel with sieve boats made of laminated wood.



Standard Construction

- With Inlet with Feed Roll, Straw Drum 0550 mm, Pre-Aspiration, Tail Aspiration and Waste Outlet on the Right-hand Side (While Viewing From Feed End)
- With 2 Sieve Boats and Each Sieve Boat with 1 Scalping Screen Layer (2 Screen Parts) and 1 Grading / Sand Screen Layer (2 Screen Parts) and All Screens with Rubber Ball
- With Built-in Fan, Firm Drive and Motors Incl One Set of Screens (Field Perforated) + Ball Frames

Applications

- Seeds : Paddy, Wheat, Maize, Cotton seeds, Coffee seeds, Soya seeds & more
- Oilseeds: Groundnut, Soya, Sunflower, Sesame & more
- Spices : Pepper, Cardamom, Coriander, & more
- Grains : Paddy, Wheat, Maize & more
- Pulses : Red Gram, Green Gram, Black Gram, Lentils & more.

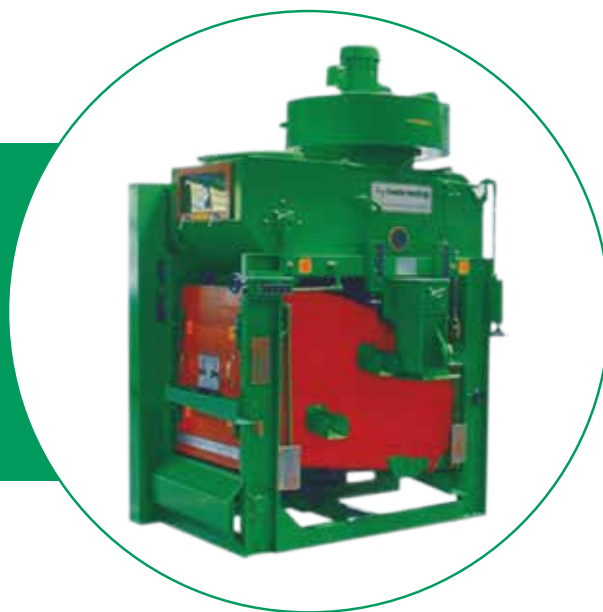
Technical Data-Type SI	UQM	SI 50	SI 70
Screen Size L = 1000 mm x W mm	mm	1000	1500
Screen Area	m ²	8.00	12.00
Motor, Fan	HP	7.5	10.0
Motor, Sieve Boat	HP	2.0	3.0
Air Volume	m ³ /hr	8000	10500
Cyclone Dia (Not in our scope)	mm	1400	1600
Net Weight App.	Kg	1400	1950
No of Rubber Balls / Machine	Pcs	672	1120
Length of Bottom Frame	mm	2400	2400
Width of Bottom Frame	mm	1210	1710
Machine Ht. without fan	mm	3200	3200
Fan Height	mm	745	875
Capacity* Pre-cleaning (On Wheat Basis)	Ton/Hr	50.55	70.80
Capacity* Pre-cleaning (On Paddy Basis)	Ton/Hr	15.20	30.35

*Capacities are based on wheat at max 18% moisture content and may vary depending on the amount of waste material.

Vegetable Seed Cleaner

GSU 0.5-1.0 TPH

The Fowler Westrup GSU Vegetable Seed Grader is a small all-round machine very well suited for fine cleaning of grains and hard seeds as well as small amounts of flower and garden seeds. It is constructed of steel with a sieve boat of laminated wood, which has three screen layers.



Standard Construction

- With Inlet with Feed Roll with Variable Speed from Eccentric Shaft, Pre-Aspiration, Tail Aspiration and Waste Outlet on the Right-hand Side (While Viewing from Feed End)
- With 1 Sieve Boat with 3 Screen Layers (1 Screen Part in Each Layer) and with a Possibility of Changing the Flow System as per the Drawing.
- With Built-on Fan, Firm Drive and Motors Incl. One Set of Screens (Field Perforated) + Ball Frames

Applications

- Seeds : Paddy, Wheat, Maize, Cotton seeds, Vegetable Seeds, Coffee seeds & more
- Oilseeds: Groundnut, Sunflower, Sesame & more
- Pulses : Peas, All types of Grams

Technical Data-Type GSU	UQM	GSU 600
Screen Size L = 1000 mm x W mm	mm	600
Screen Area	m ²	1.80
Motor, Fan	HP	5.0
Motor, Sieve Boat	HP	1.5
Air Volume	m ³ /hr	5000
Cyclone Dia (Not in our scope)	mm	950
Net Weight App.	Kg	500
No of Rubber Balls / Machine	Pcs	168
Length of Bottom Frame	mm	1740
Width of Bottom Frame	mm	960
Machine Ht. without fan	mm	1924
Fan Height	mm	550
Capacity* Pre-cleaning (On Wheat Basis)	Kg/Hr	800

*Capacities are based on wheat at max 18% moisture content and may vary depending on the amount of waste material.

Drum Pre-Cleaner

DP-630,950

The Fowler Westrup Drum Pre-Cleaner is simple drum type rotating machine used for primary coarse cleaning at intake section of processing plant or silos in order to relieve the following machines & material handling equipment.

The drum pre-cleaner separates coarse impurities such as papers, wood pieces, leaves, cobs, stones, long sticks etc.

The drum inside the cleaner is made of two halves - an inlet cylinder and a discharge cylinder - where two different perforations ensure optimum throughput capacity and separating efficiency.

The capacity depends on the nature of the material to be cleaned (moisture, impurities etc.) as well as the chosen perforation(s) of the drum.



Standard Construction

- The machine is of Steel Construction.
- Compact & Sturdy Design.
- Rotating Horizontal One-piece Drum.
- Totally enclosed housing with Inspection and Assembly or Servicing Cover.
- Fitted with Inlet Spout & Channel.
- Guide Spiral inside the Drum to Convey the Material to the Outlet End.
- Scraper Cleaning to keep Sieve Perforations Clear.
- Spout for Dust Aspiration.

Applications

- Seeds : Paddy, Wheat, Corn, Oil seeds & Vegetable seeds
- Spices : Pepper & Coriander seeds
- Vegetables : Soyabean, Rapeseeds, Mustard, Green peas
- Food Industry : Red Gram, Green Gram, Black Gram, Lentils & more

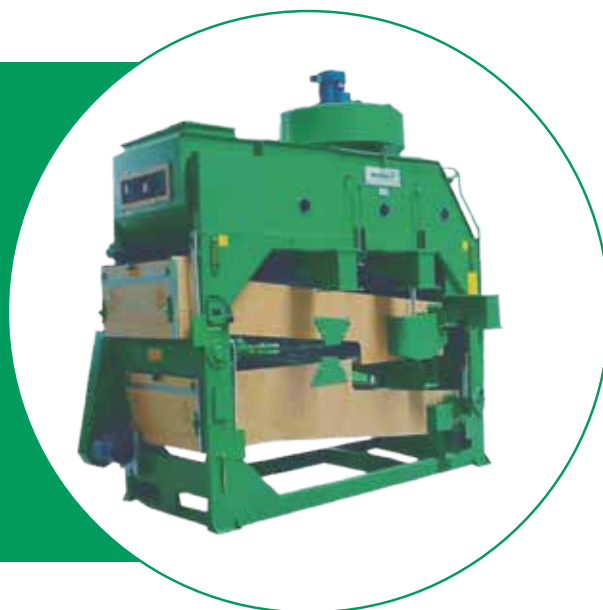
Description	Uqm	Machine Model	
		DP-630	DP-950
Drum Dimension	mm	Ø 630 x 780	Ø 950 x 1080
Drum Area	sq. m	1.54	3.20
Motor Power	HP (KW)	0.5 (0.37)	0.75 (0.55)
Overall Dimensions	mm	1200X840X1120	1980X1200X1440
Capacity (On Wheat Basis)	Ton/Hr	100	200

Fine - Cleaner

FAU 3-12 TPH

The Fowler Westrup Fine Cleaner Type FAU is a screen and air cleaner designed to fulfill requirements for high capacity, high efficiency and ability to differentiate sharply between prime product and foreign matter. Each of the sieve boats contains two layers of screens and each screen layer has its own separate ball frame for effective cleaning, securing trouble-free operation. The machine is fitted with two electrical motors, one for the aspiration fan and one for the sieve boats equipped with speed regulator.

The FAU machine type is designed to clean a wide variety of products, from the lightest grass to the heavier seeds like beans and peas.



Standard Construction

- With Feeding Apparatus and Feed Roll with Variable Speed as well as Waste Outlet in the Right-hand of the Machine (Viewing From Feed End)
- With 2 Sieve Boats with Multi-Flow Screen System and Variable Speed Drive. Each Sieve Boat Contains 2 Screen Layers Each Consisting of 3 Screen Parts
- With Built-in Fan, Drive and Motors
- Incl. One Set Screens (Field Perforated) + Ball Frames

Applications:

Best suitable for fried gram industry

Seeds : Paddy, Wheat, Maize, Cotton seeds, Coffee seeds & more

Oilseeds: Groundnut, Soya, Sunflower, Sesame & more

Spices : Pepper, Cardamom, Coriander, Red Chilli seeds & more

Grains : Paddy, Wheat, Maize, Rice & more

Pulses : Red Gram, Green Gram, Black Gram, Lentils & more

Technical Data-Type FAU	UQM	FAU 1000	FAU 1500
Screen Size L = 800 mm x W mm	mm	1000	1500
Screen Area	Sq.m	9.6	14.4
Motor, Fan	HP	7.5	10.0
Motor, Sieve Boat	HP	3.0	3.0
Air Volume	Cu.m	8000	10500
Cyclone Dia (Not in our scope)	mm	1400	1600
No. of Screens incl. Ball Frames	Pcs	12	12
No. of Rubber Balls Per Machine	Pcs	864	1440
Capacity* upto approx	Ton/Hr	8.0	12.0

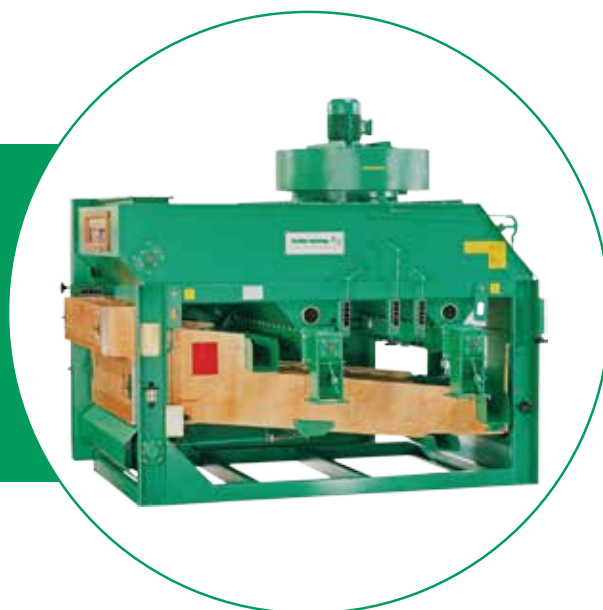
Technical Data-Type FAU 2-1-2	UQM	FAU 1000	FAU 1500
No of Screens incl. Ball frame	Pcs	14	14
Screen Area	Sq.m	11.2	16.8
Capacity* upto approx	Ton/Hr	9.0	14.0

* Capacities are based on wheat at max 18% moisture content and may vary depending on the amount of waste material.

Fine-Cleaner UB, UB/4 and UB(50:50) for High Capacity

The Fowler Westrup UB,UB/4 Universal separator is especially used for fine cleaning and grading of light and heavy seeds, cereals and granulated products. The machine can also be equipped to suit a variety of special jobs and purposes.

The machine is constructed of steel with sieve boat of laminated wood.



Standard Construction

- Inlet with Feed Roll with Variable Speed from the Eccentric Shaft.
- Pre-Aspiration Chamber with an Auger.
- Sieve Boat with 1 Short Scalping Screen Layer (1 Screen Part), 2 Long Grading Screen Layer (3 Screen Parts), and 1 Long Sand Screen Layer (3 Screen Parts) and All Screens with Rubber Ball Cleaning.
- Final Aspiration Chamber with an Auger.
- Built-in Fan, Fixed Speed Drive and Motors.

Applications

Seeds : Paddy, Wheat, Maize, Cotton seeds, Vegetable seeds, Coffee seeds & more

Oilseeds: Groundnut, Sunflower, Sesame

Grains : Rice, Dhalls & more

SS Sieve Boat for Dehydrated Vegetable grading

Technical Data-Type UB/4	UQM	UB 600/4	UB 1000/4	UB 1500/4
Screen Size L = 1000 mm x W mm	mm	600	1000	1500
Screen Area	m ²	4.80	8.00	12.0
Motor, Fan	HP	5.0	7.50	7.50
Motor, Sieve Boat	HP	1.50	1.50	2.00
Air Volume	m ³ /hr	5000	6500	8000
Cyclone Dia (Not in our scope)	mm	950	1200	1400
Net Weight App.	Kg	925	1150	1375
No of Rubber Balls / Machine	Pcs	480	720	1200
Length of Bottom Frame	mm	2920	2920	2920
Width of Bottom Frame	mm	810	1210	1710
Machine Ht. without fan	mm	2010	2010	2010
Fan Height	mm	625	730	760
Capacity* Fine-cleaning (On Wheat Basis)	Ton/Hr	1.4-1.6	2.8-3.2	4.3-4.8
Capacity* Fine-cleaning (On Paddy Basis)	Ton/Hr	1.0	2.0	4.0

* Capacities are based on wheat at max 18% moisture content and may vary depending on the amount of waste material.

Modular Cleaners

SP/CC up to 200 TPH



CC



SP

Fowler Westrup CC Cleaner excels at precision cleaning of all varieties of seeds and grains as well as pre-cleaning and sizing when very high-efficiency standards are required. The machine is assembled with modular components which makes a cleaner suit very specific requirements.

The great advantage of the modular system is that it also offers the capability of upgrading the machine according to future requirements.

Standard Construction

- Modular Construction to Meet Specific Cleaning and Capacity Requirements Depending on the Selection of Modules
- Heavy-Duty Steel Construction Incorporating Sieve Boat(S) Made of Waterproof Laminated Wood
- Independently Driven Built-in Aspiration Fan (Optional) with Backward Curving Rotor Blades
- Fan Discharge is Adjustable at Site to Suit Local Requirements
- Feeding Apparatus Ensuring an Even Spread of Product Over the Full Working Width of the Machine
- Highly Efficient Air System Ensuring a Uniform Aspiration and a Good Separation of the Prime Product

Applications

- Seeds : Paddy, Wheat, Maize, Cotton seeds, Coffee seeds & more
- Oilseeds: Groundnut, Soya, Sunflower, Sesame & more
- Spices : Pepper, Cardamom, Coriander & more
- Grains : Paddy, Wheat, Maize & more
- Pulses : Red Gram, Green Gram, Black Gram, Lentils & more

Gravity Separator

GS up to 4 TPH

The Fowler Oliver Gravity Separator can be used to separate any type of dry bulk particles that are similar in size and shape but differ in weight. These Gravity Separators offer many advantages over competing products—a rectangular deck for greater separation efficiency and accuracy. The lighter particles move the entire length of the deck, producing the cleanest light and heavy product fractions available. The patented multiple fan system is individually adjustable, giving the necessary control through different air settings to accomplish the accurate weighing.

This unique and proven multiple fan system is only available on Oliver and Fowler Oliver Machines. The Fowler Oliver Gravity Separator is the most flexible, reliable and versatile machine on the world market, and is designed for wheat, coffee, seeds, spices, sesame, groundnut and other products.



Standard Construction

- Individual Oblique Independent Motors for better control, stability and improved performance
- Patented Multiple Fan System Permits Precise Air Control
- Unique Rectangular Deck gives Unequalled Separation Quality
- Easy to Adjust: all changes can be made during the operation, So Minimum Operator Training and Supervision is Required
- Adjustments for Speed of Eccentric Motion, Side and Length Tilt and Rate of Product Feed
- Accessories Available to Suit any Requirements
- Left and Right-hand Models Available to Suit Installation Requirements

Applications

- Seeds : Paddy, Wheat, Maize, Cotton seeds, Vegetable seeds, Coffee seeds & more
- Oilseeds: Groundnut, Soya, Sunflower, Sesame & more
- Grains : Paddy, Wheat, Maize & more
- Spices : Pepper, Cardamom, Coriander, Dried Ginger & more
- Pulses : Red Gram, Green Gram, Black Gram, Lentils & more

Model No		30(Lab)	50	80	160	240
Deck Size mm		760X915	760X1525	915X1830	1065X2285	1200X3000
Overall Dimensions, mm						
Length		1065	1930	2235	2692	3403
Width		1065	1168	1321	1473	1626
Height (Variable)		1674	1674	1674	1702	1753
Motor (HP)		2	5	7.5	10	15
Particular Size	Commodity	Capacity Kg/Hr				
6-10 mm (1/4"-3/8")	for Beans, Corn, Peas, Coffee 10 Mesh-A Deck	50-225	700-1500	1300-2600	2250-4550	3600-6800
3-6 mm (1/8"-1/4")	For Rice, Wheat, Oats, Corn 16 Mesh-A Deck	50-140	500-1000	900-1700	1800-3200	2250-4550
1.53 mm (1/6"-1/8")	for Millet, Mustard, Sesame 30 Mesh-B Deck	30-50	300-600	600-1000	850-1600	1200-2250

* Capacities are based on wheat at max 18% moisture content and may vary depending on the amount of waste material.

MaxiCap

GS up to 10 TPH



The Fowler Oliver Maxi-Cap Gravity Separator is the most cost-effective machine in the business. With proven low operation and maintenance costs, coupled with unequalled productivity, you're guaranteed a rapid return on your investment.

A gravity separator separates dry, granular, free-flowing material according to particle density. Like size particles can be effectively separated as little as 1% difference in specific density. Gravity Separators use a combination of air to fluidize which creates a stratification of particles, vibration is used to push heavy layers toward the high side of the deck and also convey products and tilt and slope for material flow and separation control.

Standard Construction

- Active Counterbalance System provides smooth operation and ease of installation
- Hydraulic - Air, Side and End Raise Adjustments with "Optidrive"
- Eccentric Control Allows Precise and Accurate Separation Results
- Aspirating Feeder or Optional Full Dust Hood is designed to Handle Dust, Dirt and Fine Particles - A Must to Satisfy

Applications

- Seeds : Paddy, Wheat, Maize, Cotton seeds, Vegetable seeds, Coffee seeds & more
- Oilseeds: Groundnut, Soya, Sunflower, Sesame & more
- Spices : Pepper, Cardamom, Coriander, Whole Red Chilli and seeds & more
- Grains : Paddy, Wheat, Maize & more
- Pulses : Red Gram, Green Gram, Black Gram, Lentils & more

Voyager

GVX-1050 up to 4 TPH

Maximize control and boost your bottom line. Fowler introduces fully automated, power control, PLC governed gravity separator–Voyager with its technical collaboration with Oliver.

Memorized routines speed setup and cleanout, and centralized power control simplifies adjustments.



Standard Construction

- Computerized touch screen
- 4-way joysticks tilt control
- Power controls with digital readout
- PLC memory for stored routines
- 100% repeatable setup
- Multiple fans with improved air segregation

Applications

- Seeds : Paddy, Wheat & Maize
- Milling : Wheat, Rice & Pulses
- Spices : Pepper, Clove, Turmeric, Dried Ginger & Cumin
- Oil seeds : Groundnut, Soya, Sunflower, Sesame, Mustard, Safflower & more

Description	Uqm	Machine Model
		GVX-1050
No. Of Fans	Pcs.	4
Deck Size	sq. m (sq. ft.)	3.72 (40.00)
Motor specifications		
Fan	hp (kW)	2 fans @ 3.0 (2.2)
		2 fans @ 5.0 (3.7)
Deck	hp (kW)	1.5 (1.1)
Blender	hp (kW)	1 (0.75)
Pump	hp (kW)	0.5 (0.37)
Overall dimensions		
Length	cm (inch)	386.08 (152)
Width	cm (inch)	184.30 (72.56)
Height	cm (inch)	203.20 (80)
Net Weight (Aprox.)	kg (lbs.)	2500 (5500)
Capacity (On Wheat Basis)	Ton/Hr	4

Destoner

DS up to 4 TPH



The Fowler Oliver Destoner can be used for separating any granular product where the particles are approximately the same size, but differ in weight. It efficiently removes a small amount of heavy material from a larger quantity of light material. The basic principle involves flowing dry granular material over an inclined, vibrating, screen covered deck. Air from pressure fans in the base is forced up through the deck. The uniform airflow vertically separates or stratifies the material, with the lighter material in the upper strata flowing down the deck. Heavy particles such as stones, glass, metal etc., travel uphill and are discharged opposite to the light material.

The Fowler Oliver Destoner is highly versatile, reliable machine with a proven design.

Standard Construction

- Patented Air Control Permits Accurate Separation
- Unique Features Give Unequalled Separation Quality
- Accessories Available to Suit Requirements
- Easy to Adjust

Applications

- Seeds : Paddy, Wheat, Maize, Cotton seeds
Vegetable seeds, Coffee seeds & more
- Oilseeds: Groundnut, Soya, Sunflower, Sesame & more
- Spices : Pepper, Cardamom, Coriander, Whole Red Chilli
and seeds & more
- Grains : Paddy, Wheat, Maize & more
- Pulses : Red Gram, Green Gram, Black Gram
Lentils & more

Destoner

Maxi Cap DS up to 20 TPH



The Fowler Oliver destoners extract heavy particles from a larger quantity of light material and in turn, purify and add value to your product.

The Maxi-Cap DS was specifically designed for our customers to fill the need for a heavier duty machine capable of handling larger, more demanding capacities. Crafted to be long-lasting and dependable load after load, this larger Maxi-Cap machine is still very accurate and features the same Oliver precise control that our customers find so valuable.

The destoner is designed to make a two-way division of a small volume of heavy material from a larger volume of light material. Fowler Oliver's Maxi-Cap destoners enhance the value of many different materials through the division of light and heavy particles. Heavy contaminants as well as purity grades can be achieved, resulting in improved quality of your product.

Standard Construction

- Active Counterbalance System Provides Smooth Operation and Ease of Installation
- Hydraulic - Air, Side and End Raise Adjustments with "Optidrive" Eccentric Control Allow Precise, Accurate Separation Results
- Patented Multiple Fan Design Supplies Uncompromising Weighing Accuracy, Which is the Key to Fluidization and Stratification
- Aspirating Feeder Or Optional. Full Dust Hood is Designed to Handle Dust, Dirt and Fine Particles - A Must to Satisfy Dust Collection Requirements

Applications

- Seeds : Paddy, Wheat, Maize, Cotton seeds, Vegetable seeds, Coffee seeds & more
- Oilseeds: Groundnut, Soya, Sunflower, Sesame & more
- Spices : Pepper, Cardamom, Coriander, Whole Red Chilli and seeds & More
- Grains : Paddy, Wheat, Maize & more
- Pulses : Red Gram, Green Gram, Black Gram, Lentils & more

Spiral Separator

HT-1,2,4,6,8

The Fowler Westrup Spiral Separator is ideal for separating round seeds from split, flat or oblong seeds or weed seeds by means of roundness. High recovery rate can be achieved with its gentle handling and compact design.



Standard Construction

- No Electricity Required
- User-Friendly
- Longer Functional Life
- Corrosion Resistant
- Consistent Performance
- Low Maintenance
- Highly Efficient
- Cost Efficient

Applications

- Seeds : Paddy, Wheat, Corn, Oil seeds, & Vegetable Seeds
- Spices : Pepper & Coriander Seeds
- Fruits : Blackcurrant
- Vegetables : Soya Bean, Rapeseeds, Mustard, Green peas
- Food Industry : Red Gram, Green Gram, Black Gram, Lentils & more

Description	Uqm	Machine Model				
		HT-1	HT-2	HT-4	HT-6	HT-8
No. Of Spirals	Pcs	1	2	4	6	8
Capacity	TPH*	1	2	4	6	8to10
Overall Dimensions						
Length	mm	625	1290	1290	1894	2504
Width	mm	600	650	1290	1290	1290
Height	mm	1900	2500	2500	2500	2500

Indented Cylinder

TR up to 12 TPH



The Fowler Westrup TR Indented Cylinder is constructed to be part of a modular system, this means that a part of indented cylinders can be arranged to satisfy all demands, to capacities and plant lay-out. It also means that capacities in existing plants can be increased at any time by adding one or more cylinders. The machine is constructed of steel.

Standard Construction

- Mechanically Variable Speed Drive
- Frequency Controlled Variable Speed Drive
- Walkway on the Side of an Indented Cylinder Column; or Between Cylinder Columns
- Double Two - Way Valve for One Outlet
- Brush Cleaning System
- Compressed Air Clean Downpipe Work System
- Case-Hardened Mantle

Applications

Rice, Wheat, Pulses, Coriander & more

Suitable for any short grain/seeds separation from long grain/seed Eg: Sunflower, Groundnuts etc.

Exclusively catered for Malt processing Industry

Accessories

- Lifting Device to assist Mantle change
- Electrical or Mechanical

Lab Machines

60 – 80 KG on wheat

20 – 25 KG light products like tomato seeds



Lab Cleaner



Lab Gravity Separator



Lab Brushing Machine



Lab Indented Cylinder



Lab Destoner

The Fowler Westrup range of laboratory machines are high-quality machines built to industrial standards but designed to suit small batch cleaning in laboratories, sample rooms etc.

Standard Construction

- Made of Steel with Grading Deck Primarily Made from High-Quality Laminated Wood with a Covering Specifically Chosen to Suit the Product to be Treated
- Worktable of Convenient Height Made of Formed Steel Sheet with Table Surface of a Laminated Hard Plastic
- Collecting Bins of Tinned Steel Sheet
- Easy Clean-Down When Changing From One Product to Another

Applications

Seeds : Vegetable Seeds, Flower Seeds & more

Material Handling

Bucket Elevator Up to 200 TPH

The Westrup Bucket Elevator Type is suited for transportation of cereals, seeds, granular products and similar materials. The Westrup bucket Elevator is a standard built –up of head and foot sections with pipe connections between the sections. The elevator is delivered with belt buckets. The elevator belt is oil resistant consequently; the elevator is also suitable for conveying oleaginous seeds. The Westrup Bucket Elevator can be supplied in several sizes and executions.

The Westrup Bucket elevator is also available in a special type. We designed it for agricultural

commodities calling for a self –cleaning transport system and /or fragile grain products, such as beans, peas, corn, peanuts, vegetable seeds, food grains or any free flowing crops.

The elevator can convey horizontally and vertically and is also capable of multiple entries and discharge points.

The conveying system is made of modular components, which can be expanded as future conditions may dictate.



Standard Construction

- An Elevator Consists of Head Section, Boot Section, Inspection Trunk and Standard Trunk Connections in between these.
- Head and Boot Sections are Delivered in Assembled Condition and Standard Truck and Inspection Truck are in Pieces.
- Head Section with Gear Motor
- Boot Sections with Adjustment Device for Belt Tensioning and Clean Out Door on Both Sides
- Food Grade Oil Resistant Belt
- Oil Resistant Belt. A Number of Bucket.

Applications

- Seeds : Paddy, Wheat, Maize, Cotton seeds, Vegetable seeds, Coffee seeds & more
- Oilseeds: Groundnut, Soya, Sunflower, Sesame & more
- Spices : Pepper, Cardamom, Coriander, Red Chilli seeds & more
- Grains : Paddy, Wheat, Maize & more
- Pulses : Red Gram, Green Gram, Black Gram, Lentils & more

Technical Data-Type EL	Type	EL 25	EL 27	EL 29	EL 35	EL 50
Belt Speed	m/s	1.25	1.5	1.5	1.6	1.8
Belt Width	mm	140	200	250	250	350
Belt Pully Diameter	mm	250	300	300	325	500
Max. Height	m	20	20-25	20-25	20-25	20-25
Capacity	m³/hr	8	24	40	60	80

* Capacities are based on wheat at max 18% moisture content and may vary depending on the amount of waste material.

Material Handling



Chain Conveyor
Up to 200 TPH

The Fowler Westrup bucket elevator type is suited for transportation of cereals, seeds granular products and similar materials, also suitable for oleaginous seeds. The El elevators are delivered with the following features. Standard height is 4.0 m. The elevator contains a number of leg sections plus a head and boot piece with pipe connections between these. One of the leg sections is fitted with access for belt mounting.

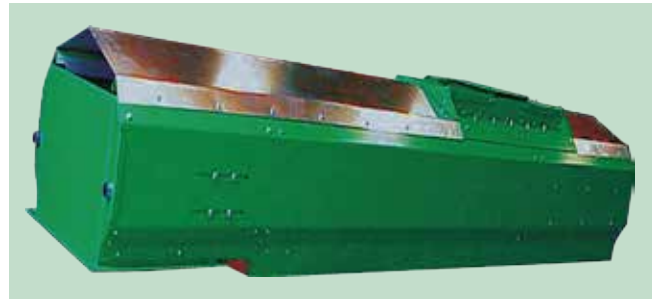
The Westrup Bucket elevator is also available in a special type. We designed it for agricultural commodities calling for a self-cleaning transport system and /or fragile grain products, such as beans, peas, corn, peanuts, vegetable seeds, food grains or any free flowing crops.

Standard Construction

- An Elevator Consists of Head Section, Boot Section, Inspection Trunk and Standard Trunk Connections.
- Head and Boot Sections are Delivered in Assembled Condition and Standard Truck and Inspection Truck are in Pieces.
- Head Section with Motor Drive Bracket
- Boot Section with Adjustment Device for Belt Tensioning and Cleanout Door on Both Sides'
- Free Shaft Pin for Mounting of a Gear Motor.
- Oil Resistant Belt.

Applications

Grains : Paddy, Wheat, Maize, Rice, Coffee, Rice & more



Belt Conveyor
Up to 40 TPH

The Fowler Westrup BT belt conveyor is very versatile and can be manufactured to many different designs, tailor-made to suit specific requirements. Estimated capacity on wheat is up to 400 TPH. Length, width, belt quality, and output can be adapted to the product to be conveyed. The conveyor can be supplied for either horizontal or for inclined applications. The belt conveyor is available as an open or a totally enclosed unit offering maximum operation security and protection against dust, rain, or intense sunshine.

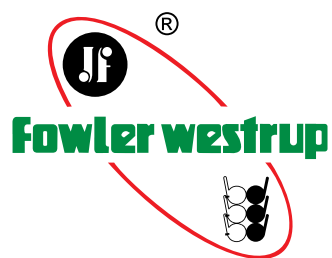
Standard Construction

- A Belt Conveyor Consists of Drive Section, Tension Section, Standard Trunk Connections
- Drive and Tension Sections are Delivered in Assembled Condition and Standard Trunks are in Pieces
- Drive Section with Motor Drive Bracket
- Tension Section with Adjustment Device for Belt Tensioning

Applications

Grains : Paddy, Wheat, Maize, Rice, Pulses, Coffee & more

Spices : Pepper, Cardamom, Coriander, Red Chilli, Dehydrated Herbs, Tea & more



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