

GRAIN / SEED / FEED

From grain to a finished bag.

Weighing, bagging and palletizing solutions
for your next stage of production.



AUTOMATE THE WORK. CONTROL THE WEIGHT.

From operator-assisted stations to complete packaging lines.

THE EWINALL APPROACH

Packaging that fits the way you produce.

Equipment selection starts with your material, bag and production target.

EWINALL supplies weighing, bagging, vacuum packaging and material handling equipment for rice mills, grain processors, seed plants and feed producers. Choose an individual station or build a coordinated line from weighing to palletizing.

01

Consistent bag weights

Electronic weighing and controlled feeding help manage fill consistency and product giveaway.

02

Less repetitive handling

Automatic bag feeding and robotic palletizing can reduce manual bag placement and lifting.

03

Practical operation

Touchscreen controls, stored settings and fault prompts are available across selected systems.

04

A line that fits

Match bag closing, conveyors and downstream handling to your product and factory layout.

EXPLORE THIS CATALOGUE

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APPLICATIONS

Different products. Different priorities.

Choose the feeding method and bag format around the behavior of your material.

Rice & cereals

Consistent weight, clean closure and an attractive finished pack.

Woven bags, PE bags or vacuum packs.

Seeds

Controlled transfer, cleanout access and a practical changeover routine.

Small packs or bulk open-mouth bags.

Animal feed

Reliable throughput and less manual handling of heavier bags.

Woven bags with sewing and palletizing.

Beans & pulses

Stable feeding and flexibility across bag weights.

Retail packs and wholesale bags.

Nuts & specialty grains

Product presentation and vacuum pack format.

Shaped vacuum packs or larger packs.

Flour, meal & bran

Feed control matched to flowability, density and dust.

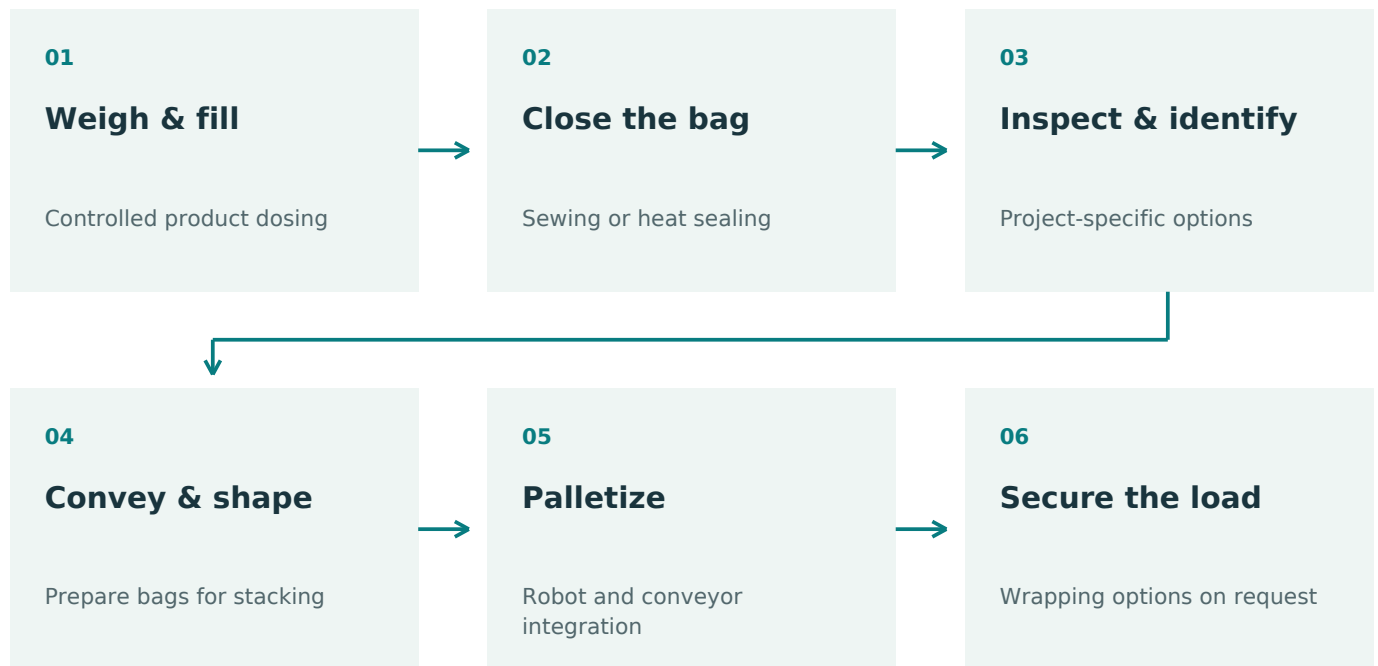
Dedicated powder or feed applications.

For seeds and delicate products: share bulk density, particle size and acceptable breakage limits so the feeding and discharge arrangement can be reviewed.

FROM FILLING TO DISPATCH

One coordinated packaging process.

Build around an automatic bagger or an operator-assisted weighing station.



BAGGING



CONVEYING



PALLETIZING

Conceptual process shown. Checkweighing, metal detection, labeling, batch coding, pallet handling and stretch wrapping can be reviewed as project options. The final scope is defined in your proposal.

QZB-900D

Automatic bagging for 5-25 kg packs.

For free-flowing rice, grains and compatible granular products.

**PREMADE
WOVEN BAGS**

**Automatic bag
feeding, filling
and closing.**



5-25 kg

BAG WEIGHT

500-800

BAGS / HOUR*

PLC + servo

CONTROL SYSTEM

■ Reduce manual bag placement

Operators replenish the bag supply; the machine handles the automatic packaging sequence.

■ Change settings with confidence

Touchscreen operation, specification adjustment and fault prompts support daily operation.

■ Designed for laminated woven bags

Review bag construction, dimensions and closure details before selecting the configuration.

■ Build a complete line

Connect conveying, inspection options and palletizing to suit your production target.

*Published operating range. Output depends on the product, bag weight, bag quality and selected configuration. See page 19.

QZB-700M

Take heavy bags out of manual handling.

Automatic open-mouth bagging for 25-50 kg grain, seed and feed applications.



25-50 kg

BAG WEIGHT

500-600

BAGS / HOUR*

Woven bags

LAMINATED / UNLAMINATED

■ Automatic bag handling

Bag feeding, opening, positioning, filling and closing form a coordinated sequence.

■ Ready for downstream automation

Add bag shaping and palletizing to reduce repetitive lifting after the bagger.

■ Operator guidance

Touchscreen and PLC controls include fault prompts for troubleshooting.

■ Guarded construction

The enclosed machine structure incorporates safety interlocks.

*Published operating range. Actual bags must be checked for automatic feeding and opening suitability. See page 19.

ASSISTED & AUTOMATIC SYSTEMS

A practical route to more automation.

Keep manual bag placement where it suits your operation, or automate it as part of the line.



OPERATOR-ASSISTED BAGGING

BZD-25ZA2

2.5-25 kg

Manual bag placement with automatic filling and closing.



OPERATOR-ASSISTED BAGGING

BZD-50ZE2

25-50 kg configuration

Select the weighing unit around the material and target output.

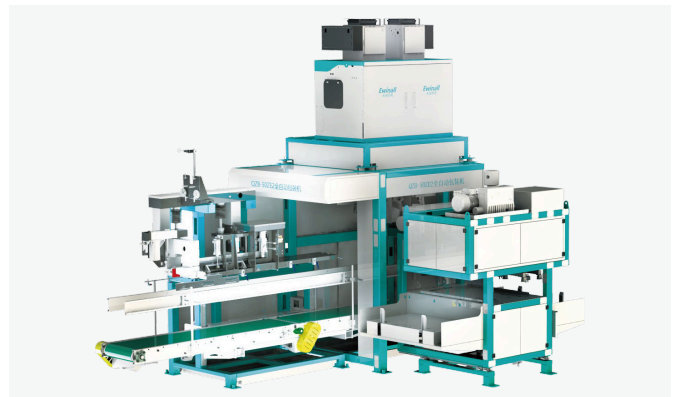


AUTOMATIC BAGGING

QZB-700N

2.5-25 kg

Automatic bag feeding for compatible premade woven bags.



AUTOMATIC FEED BAGGING

QZB-50ZE2

40 kg configuration

For suitable feed products and compatible open-mouth bags.

Configurations shown are selected examples. Bag construction, weighing unit, feeding method and closure determine the final machine specification.

DCS-50FE2-B

Controlled weighing. Practical daily operation.

An electronic weighing and bagging station for grain, rice, feed and similar granules.

HOW IT WORKS

Product is weighed in a hopper before discharge into the bag. The operator positions the bag; the configured conveyor and closing unit complete the downstream handling.

Built around three load cells

Enclosed feeding and metering mechanisms, an independent discharge cylinder and external adjustment support repeatable operation.



10-50 kg

SELECTED WORKING RANGE

500-720

BAGS / HOUR*



HIGHER OUTPUT FOR SMALLER BAGS

DCS-50FS2

Servo-driven electronic weighing for **5-25 kg** bags, with a published rate of **800-1,200 bags/hour***. A route for plants that want faster weighing while retaining operator bag placement.

*Material and operating conditions affect output. Confirm the weighing range and bag-closing configuration for your application.

ELECTRONIC WEIGHING STATIONS

Match output to your investment.

A range of 5-50 kg stations for free-flowing granular products.



DCS-50FB3



DCS-50FB-C



DCS-50E-C

Model	Bag weight	Published rate*
DCS-50FB3	5-25 / 25-50 kg	600-1,080 / 300-600 bags/h
DCS-50FB-C	5-25 / 25-50 kg	600-1,020 / 300-600 bags/h
DCS-50FE-C	5-50 kg	200-480 bags/h
DCS-50B-C	5-50 kg	240-840 bags/h
DCS-50E-C	5-50 kg	180-450 bags/h

Choose the whole station. Consider weighing rate, manual bag placement, sewing or sealing speed and downstream handling together. A faster scale alone does not set the output of the complete line.

*Published ranges are not guaranteed for every product or bag weight. On the first two rows, rates correspond to the two weight ranges in the same order.

RETAIL & SPECIALTY PACKS

Bring smaller packs into your product mix.

Electronic weighing and automatic PE bagging for selected small-pack applications.



AUTOMATIC PE BAGGING

ZD-900R

For **1-5 kg** rice and compatible granular products in premade PE bags, with heat sealing.

800-1,000 bags/hour*

Touchscreen and PLC controls, servo operation, automatic adjustment and fault prompts.

OPERATOR-ASSISTED SMALL-PACK WEIGHING

Model	Bag weight	Published rate*
DCS-10ZD2	0.5-10 kg	600-1,000 bags/h
DCS-15FB2	2.5-15 kg	600-1,200 bags/h

Multi-stage feeding, automatic in-flight correction and an out-of-tolerance alarm help control small fills. Review the closing method around the actual bag material.

*Rates depend on material, fill weight and bag format. Bag dimensions and film characteristics are part of machine selection.

RICE & SPECIALTY GRAIN PACKS

Choose the pack shape your market needs.

Vacuum packaging systems for two-sided packs and six-sided brick packs.



QZB-1600T

PACK FORMAT EXAMPLES

Model	Pack style	Weight	Published rate*
QZB-800T	Two-sided	2.5-10 kg	600-800 bags/h
QZB-1600T	Two-sided	2.5-10 kg	1,200-1,600 bags/h
QZB-500S	Six-sided	0.5-5 kg	400-500 bags/h
QZB-1000S	Six-sided	0.5-5 kg	800-1,000 bags/h

Presentation and production, together. Select the vacuum system, shaping mold and sealing arrangement around the pack size. Stored settings, mold changes and fault prompts support product changes on selected models.

*Confirm output with the selected pack and vacuum cycle. Shelf-life performance depends on the product, packaging material, seal and storage conditions.

FLEXIBLE VACUUM FORMATS

From retail bricks to larger vacuum bags.

Manual bag placement with automated weighing, filling, vacuuming and sealing, as configured.



BZD-1000S



DCS-ZKBY-B10



BZD-200Z

Model	Working range	Pack format
BZD-500S / 1000S	0.5-5 kg	Six-sided vacuum packs
DCS-ZKBC-10	2.5-10 kg	Two-sided vacuum packs
DCS-ZKBY-B10	0.3-5 / 2.5-10 kg	Six-sided / two-sided
BZD-200Z	12.5-25 kg (peanuts)	Larger vacuum packs

Start with a finished-pack sample. Its width, length, thickness and desired shape define the mold and handling arrangement. For larger packs, review how the filled bag will be lifted, conveyed and stacked.

Ranges are model-specific. The BZD-200Z catalogue rating is based on peanuts; other products require material and pack review.

BAG-IN-BAG & CASE PACKING

Make finished packs easier to distribute.

Group retail packs for handling, shipment and presentation.



OUTER-BAG PACKAGING

TDJ-700 / TDJ-1000

Places suitable vacuum packs into compatible outer bags. Review the inner-pack shape and outer-bag construction.



CASE PACKING

ZXJ-1400 / 2400 / 2800

Transfers compatible finished packs into cartons. Select the arrangement around bag size, pack count and carton pattern.



SECONDARY BAGGING

ZDJ-1800

Groups finished 5 kg or 10 kg bags into larger outer bags. Define the number of inner bags per outer bag.

Secondary packaging rates must be compared using the same unit: inner bags, completed outer bags or completed cases.

LARGER BAGS & CONTINUOUS SUPPLY

Packaging for high-volume bulk products.

Dedicated solutions for suitable feed, meal, bran and heavier granular packs.



QZB-500BL

Automatic bagging from woven roll stock

For compatible unlaminated woven material. The machine forms, fills and closes the bag from roll stock, reducing repeated loading of individual premade bags.

40-70 kg

CATALOGUE BAG RANGE

420-720

BAGS / HOUR*



DCS-100FA1

50-100 kg electronic bagging station

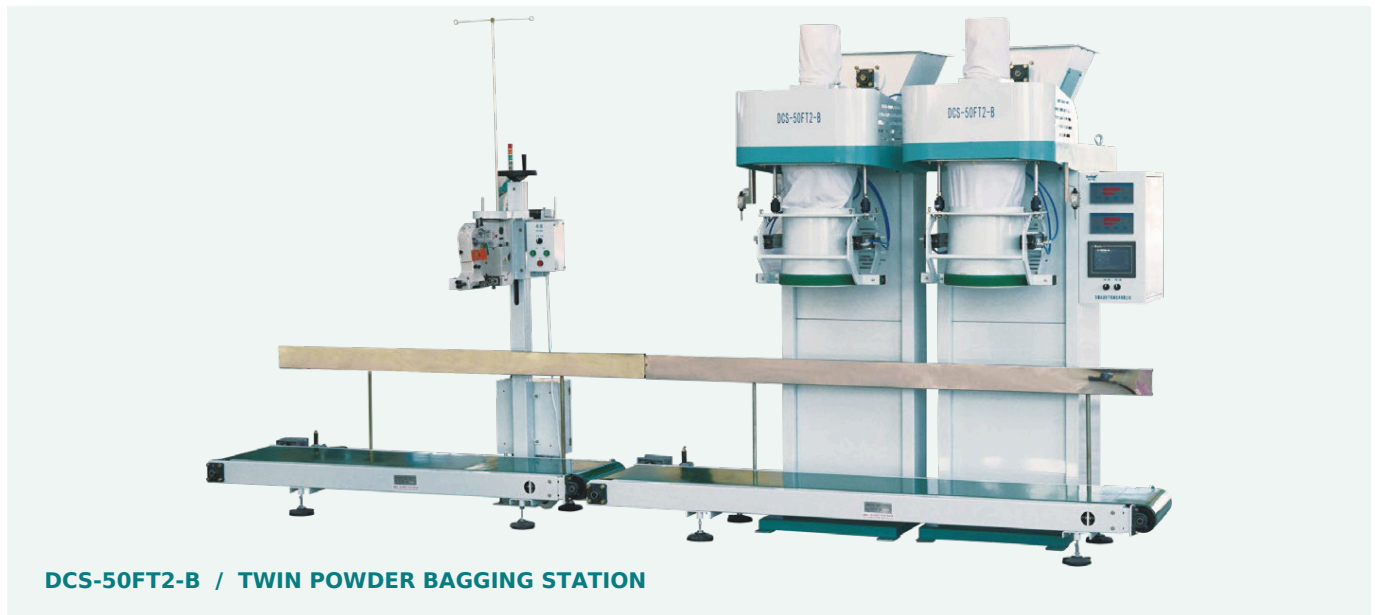
Operator-assisted weighing and bagging for rice, corn, beans and similar products. Published rate: **260-420 bags/hour***.

*QZB-500BL weighing equipment is selected separately. Ratings depend on material and configuration.

FEEDING MATCHED TO THE PRODUCT

A dedicated approach to powders and meals.

Select a powder bagging system around flowability, aeration, bulk density and bag size.



Model	Bag weight	Published rate*
DCS-10	2.5-10 kg	150-250 bags/h
DCS-25	10-25 kg	170-240 bags/h
DCS-50FT1	40-50 kg	100-180 bags/h
DCS-50FT2-B	40-50 kg	200-280 bags/h

Review the material before sizing the line. Flour, bran, meal and feed powders can behave very differently. Discuss feeding, dust extraction interfaces, cleanout access and the required closing method as part of the project.

*Published rates depend on the product and weighing cycle. The DCS-50FT2-B rating is based on flour under specified test conditions.

END-OF-LINE HANDLING

Keep bags moving. Build a better pallet.

Coordinate bag transfer, shaping and robot pickup around the finished bag.



INTEGRATED ROBOT PALLETIZING

FUJI EC-171

Robotic stacking reduces repeated manual lifting and provides a repeatable pallet pattern.

Select the gripper, pickup conveyor and pallet arrangement around bag dimensions, weight and stacking requirements.



Bag laydown & lift

Transfer upright bags to downstream handling.



Bag shaping

Condition filled bags before robot pickup.



Belt conveying

Connect the bagger with inspection and handling.



Pickup positioning

Present bags consistently to the palletizing robot.

Robot cycle rate and complete-line capacity depend on bag, gripper, pallet pattern and layout. Guarding and access are part of the line design.

BEYOND THE FINISHED BAG

Measure flow. Coordinate blending.

Metering and flow-control equipment connects packaging with the upstream process.



DCS-LD

Electric flow weighing

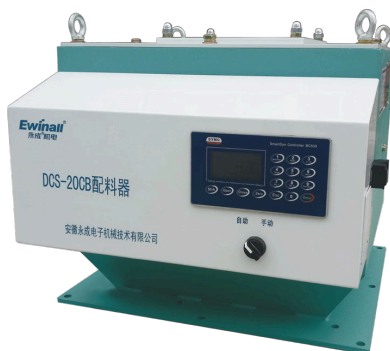
Selected rice-based capacities: up to 20 t/h or 40 t/h, depending on model.



DCS-SZ

Loss-in-weight flow control

Sets a target flow rate and displays accumulated, instantaneous and set flow.



DCS-20CB

Impact flow controller

For compatible free-flowing materials in blending and proportioning systems.

PRODUCTION VISIBILITY

Review throughput, material flow and packaging output with a project-specific data system. Signal interfaces and reporting scope are defined around the equipment supplied.

FIND YOUR STARTING POINT

Choose the family. Then confirm the fit.

Selected models at a glance. Detailed scope is based on your material and actual bags.

Your application	Starting model / range	Operation	Page
5-25 kg woven bags	QZB-900D	Automatic	05
25-50 kg woven bags	QZB-700M	Automatic	06
2.5-25 kg assisted bagging	BZD-25ZA2	Assisted	07
10-50 kg granular products	DCS-50FE2-B	Assisted	08
5-25 kg high-rate weighing	DCS-50FS2	Assisted	08
5-50 kg general bagging	DCS-50FB / FE families	Assisted	09
1-5 kg PE bags	ZD-900R	Automatic	10
0.5-10 kg small-pack weighing	DCS-10ZD2	Assisted	10
2.5-10 kg two-sided vacuum	QZB-800T / 1600T	Automatic	11
0.5-5 kg six-sided vacuum	QZB-500S / 1000S	Automatic	11
Flexible vacuum formats	BZD / DCS vacuum range	Assisted	12
Outer bags / cases	TDJ / ZDJ / ZXJ ranges	As configured	13
Woven roll stock	QZB-500BL	Automatic	14
50-100 kg granular bags	DCS-100FA1	Assisted	14
Flour & powder bags	DCS powder range	Assisted	15
Bag palletizing	FUJI EC-171 integration	Automatic	16
Metering & blending	DCS-LD / SZ / 20CB	Process control	17

Assisted = operator bag placement or another manual step. Final automation scope varies by system.

FROM SELECTION TO STARTUP

A clear scope. A practical handover.

Define the production requirement, then build the equipment and service plan around it.

01 Confirm your application

Material, bag sample, weight range, target output and existing production process.

02 Agree the line configuration

Equipment selection, layout, utilities, controls, bag closing and optional inspection.

03 Review the finished pack

Agree the acceptance criteria and the testing plan for your product and bags.

04 Prepare operation & service

Installation and commissioning arrangements, operator training, manuals and spare parts.

For your destination market

Tell us the installation country, voltage, frequency, phase, preferred components and applicable plant requirements. Electrical design, guarding, documentation and service scope are reviewed in the project proposal.

HOW TO READ THE SPECIFICATIONS

Catalogue rates are reference ranges under defined test conditions, often using rice. Actual output depends on material, fill weight, bag quality, operator handling and downstream equipment. Scale division is not the same as guaranteed filling accuracy. Photos show representative configurations; supplied equipment and optional items are defined in the quotation.

YOUR MATERIAL. YOUR BAG. YOUR PRODUCTION TARGET.

What do you need to pack?

Send us a few details.

We will help you select a practical starting point.

01 Material

Product name and a photo or sample description.

02 Bag

Bag material, dimensions and target weight.

03 Output

Required bags per hour or tonnes per hour.

04 Site

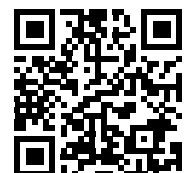
Installation country, space and power supply.

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START YOUR PROJECT