



GB SERIES SCALE

Fully mechanical gross weigh bagger designed for handling free flowing non dusty product at 4 to 6 (50 lb.) bags per minute plus or minus 4 ounce accuracy.

STANDARD FEATURES

- 5 to 1 calibrated beam
- Tare weight to zero out empty bag weight
- Balance indicator
- Full set of weights from 50 lb. to 115 lb. bags for 10 kg. to 50 kg.
- Flow control
- Quick release cam grip bag holders
- Trigger trip screw for easy weight adjustment
- Spout sizes to suit your requirements.

BASIC OPERATION

Operator sets target weight by placing counter balance weights on weight rod. Place empty bag on spout and zero out using tare weight provided. Pull handle down which opens internal gate allowing product to fall through the scale into the bag. When desired weight is reached, gate will automatically close stopping product flow. Check actual weight on balance indicator, release bag, repeat process.



GB SERIES SCALE WITH BELT FEEDER

Fully mechanical gross weigh bagger designed for handling semi free flowing non dusty product at 4 to 6 (50 lb.) bags per minute plus or minus 4 ounce accuracy.

STANDARD FEATURES

- 5 to 1 calibrated beam
- Tare weight to zero out empty bag weight
- Balance indicator
- Full set of weights from 50 lb. to 115 lb. bags for 10 kg. to 50 kg.
- Flow control
- Quick release cam grip bag holders
- Trigger trip screw for easy weight adjustment
- Spout sizes to suit your requirements.

BELT FEEDER

The purpose of the belt feeder is to provide a uniform flow of product to the bagging scale for products that do not flow well by gravity. Such products are molasses feeds, cubes, many chemicals, wood chips, etc., etc.

The feeder comes with the following features:

- 3/4 HP drive motor and starter
- Crowned head and tail pulleys
- Bracket to support scale
- Dust tight design
- Manual operated stream depth regulator
- Large 18" by 10" inlet to attach to your hopper

BASIC OPERATION

When scale gate is opened, belt feeder automatically turns on and will run until feed gate closes. The amount of product delivered to the scale is controlled by the stream depth regulator.



GBAO SERIES SCALES

Mechanical gross weigh scale with pneumatically operated dust tight bag clamps for handling free flowing dusty products at the rate of 4 to 6 (50 lb.) bags per minute plus or minus 4 ounce accuracy.

STANDARD FEATURES

- 5 to 1 calibrated beam
- Tare weight to zero out empty bag weight
- Balance indicator
- Full set of weights from 50 lb. to 115 lb. bags for 10 kg. to 50 kg.
- Flow control
- Wrap around bag clamps sized to suit your requirements
- Trigger trip screw for easy weight adjustment
- Flexible connection between the spout and the main housing to control dust
- 2" dust pickup port on left rear of scale to connect to your vacuum system

BASIC OPERATION

Operator sets target weight by placing counter balance weights on weight rod. Place empty bag on spout and zero out using tare weight provided. Pull handle down which opens internal gate allowing product to fall through the scale into the bag. When desired weight is reached, gate will automatically close stopping product flow. Check actual weight on balance indicator, release bag, repeat process.



GBAO SERIES SCALE WITH THE BELT FEEDER

Mechanical gross weigh scale with pneumatically operated dust tight bag clamps for handling free flowing dusty products at the rate of 4 to 6 (50 lb.) bags per minute plus or minus 4 ounce accuracy.

STANDARD FEATURES

- 5 to 1 calibrated beam
- Tare weight to zero out empty bag weight
- Balance indicator
- Full set of weights from 50 lb. to 115 lb. bags for 10 kg. to 50 kg.
- Flow control
- Wrap around bag clamps sized to suit your requirements
- Trigger trip screw for easy weight adjustment
- Flexible connection between the spout and the main housing to control dust
- 2" dust pickup port on left rear of scale to connect to your vacuum system

BASIC OPERATION

Operator sets target weight by placing counter balance weights on weight rod. Place empty bag on spout and zero out using tare weight provided. Pull handle down which opens internal gate allowing product to fall through the scale into the bag. When desired weight is reached, gate will automatically close stopping product flow. Check actual weight on balance indicator, release bag, repeat process.

BELT FEEDER

The purpose of the belt feeder is to provide a uniform flow of product to the bagging scale for products that do not flow well by gravity. Such products are molasses feeds, cubes, many chemicals, wood chips, etc., etc.

The feeder comes with the following features:

- 3/4 HP drive motor and starter
- Crowned head and tail pulleys
- Bracket to support scale
- Dust tight design
- Manual operated stream depth regulator

- Large 18" by 10" inlet to attach to your hopper

BASIC OPERATION

When scale gate is opened, belt feeder automatically turns on and will run until feed gate closes. The amount of product delivered to the scale is controlled by the stream depth regulator.



GBAO SERIES SCALE WITH THE AUGER FEEDER

Mechanical gross weigh scale with pneumatically operated dust tight bag clamps for handling free flowing dusty products at the rate of 4 to 6 (50 lb.) bags per minute plus or minus 4 ounce accuracy.

STANDARD FEATURES

- 5 to 1 calibrated beam
- Tare weight to zero out empty bag weight
- Balance indicator
- Full set of weights from 50 lb. to 115 lb. bags for 10 kg. to 50 kg.
- Wrap around bag clamps sized to suit your requirements
- Trigger trip screw for easy weight adjustment
- Flexible connection between the spout and the main housing to control dust
- 2" dust pickup port on left rear of scale to connect to your vacuum system

BASIC OPERATION

Operator sets target weight by placing counter balance weights on weight rod. Place empty bag on spout and zero out using tare weight provided. Pull handle down which opens internal gate allowing product to fall through the scale into the bag. When desired weight is reached, gate will automatically close stopping product flow. Check actual weight on balance indicator, release bag, repeat process.

AUGER FEEDER

The purpose of the auger feeder is to provide a uniform flow of product to the bagging scale for products that do not flow well by gravity and tend to fluidize. Such products are soya flour, casein, some premixes, etc.

The feeder comes with the following features:

- 3 HP drive motor and starter
- Dual 6" augers, special flighting
- Bracket to support scale
- Dust tight design
- Large 13" square inlet to attach to your hopper

BASIC OPERATION

When scale gate is opened, the auger automatically turns on and will run until feed gate closes. The amount of product delivered to the scale is controlled by preset speed of the auger.

JM-600 SERIES

JMCS/JMCG

Mechanical gross weigh scale with pneumatically operated bag clamp and gate and utilizes valves and timer relay logic to control all scale functions. The unit is designed to handle free flowing non dusty products at 7 to 8 (50 lb.) bags per minute plus or minus 4 ounce accuracy.

STANDARD FEATURES

- 5 to 1 calibrated beam
- Adjustable proximity switch for weight cutoff
- Clam shell spout with pneumatically operated bag holder (CS) or
- Pecan shaped spout with pneumatically operated center grip bag holder (CG)
- Adjustable timers to suit your needs
- Adjustable flow control

BASIC OPERATION

Operator sets target weight by placing counter balance weights on weight rod. Operator places bag on spout at the same time operator's wrist hits wand switch or foot depresses foot pedal, thus closing clamp. Gate automatically opens allowing product to flow into the bag. Proximity switch senses beam movement and closes gate, thus stopping flow. Bag automatically is released after discharge timer times out (DTST) and process is repeated. Weights are checked on another scale and the proximity switch is raised or lowered as required.

JM-600 SERIES WITH THE BELT FEEDER

JMCS-BF/JMCG-BF

Mechanical gross weigh scale with pneumatically operated bag clamp and gate and utilizes valves and timer relay logic to control all scale functions. The unit is designed to handle semi free flowing non dusty products at 7 to 8 (50 lb.) bags per minute plus or minus 4 ounce accuracy.

STANDARD FEATURES

- 5 to 1 calibrated beam
- Adjustable proximity switch for weight cutoff
- Clam shell spout with pneumatically operated bag holder (CS)
- Pecan shaped spout with pneumatically operated center grip bag holder (CG)
- Adjustable timers to suit your needs
- Adjustable flow control

BASIC OPERATION

Operator sets target weight by placing counter balance weights on weight rod. Operator places bag on spout at the same time operator's wrist hits wand switch or foot depresses foot pedal, thus closing clamp. Gate automatically opens allowing product to flow into the bag. Proximity switch senses beam movement and closes gate, thus stopping flow. Bag automatically is released after discharge timer times out (DTST) and process is repeated. Weights are checked on another scale and the proximity switch is raised or lowered as required.

BELT FEEDER (BF-14)

The purpose of the belt feeder is to provide a uniform flow of product to the bagging scale for products that do not flow well by gravity. Such products are molasses feeds, cubes, many chemicals, wood chips, etc., etc.

The feeder comes with the following features:

- 3/4 HP drive motor and starter
- Crowned head and tail pulleys
- Bracket to support scale
- Dust tight design
- Manual operated stream depth regulator

- Large 18" by 10" inlet to attach to your hopper

BASIC OPERATION

When scale gate is opened, belt feeder automatically turns on and will run until feed gate closes. The stream depth regulator controls the amount of product delivered to the scale.

JMDT SERIES SCALE

JMDT

Mechanical gross weigh scale with pneumatically operated dust tight bag clamps for handling free flowing dusty products. The scale utilizes valves and timer relay logic to control all scale functions. The unit is designed to handle free flowing dusty products at 7 to 8 (50 lb.) bags per minute plus or minus 4 ounce accuracy.

STANDARD FEATURES

- 5 to 1 calibrated beam
- Adjustable proximity switch for weight cutoff
- Full set of weights
- Flow control
- Wrap around bag clamps sized to suit your requirements
- Flexible connection between the spout and the main housing to control dust
- 2" dust pickup port on left rear of scale to connect to your vacuum system
- Adjustable timers to suit your needs
- Adjustable flow control

BASIC OPERATION

Operator sets target weight by placing counter balance weights on weight rod. Operator places bag on spout at the same time, operators wrist hits wand switch or foot depresses foot pedal, thus closing clamp. Gate automatically opens allowing product to flow into the bag. Proximity switch sense beam movement and closes gate, thus stopping flow. Bag automatically is released after discharge timer times out (DTST) and process is repeated. Weights are checked on another scale and the proximity switch is raised or lowered as required.



JMDT SERIES SCALE WITH A BELT FEEDER

JMDT-BF

Mechanical gross scale with pneumatically operated dust tight bag clamps for handling semi free flowing dusty products. The scale utilizes valves and timer relay logic to control all scale functions. The unit is designed to handle free flowing dusty products at 7 to 8 (50 lb.) bags per minute plus or minus 4 ounce accuracy.

STANDARD FEATURES

- 5 to 1 calibrated beam
- Adjustable proximity switch for weight cutoff
- Full set of weights
- Flow control
- Wrap around bag clamps sized to suit your requirements
- Flexible connection between the spout and the main housing to control dust
- 2" dust pickup port on left rear of scale to connect to your vacuum system
- Adjustable timers to suit your needs
- Adjustable flow control

BASIC OPERATION

Operator sets target weight by placing counter balance weights on weight rod. Operator places bag on spout at the same time, operators wrist hits wand switch or foot depresses foot pedal, thus closing clamp. Gate automatically opens allowing product to flow into the bag. Proximity switch sense beam movement and closes gate, thus stopping flow. Bag automatically is released after discharge timer times out (DTST) and process is repeated. Weights are checked on another scale and the proximity switch is raised or lowered as required.

BELT FEEDER

The purpose of the belt feeder is to provide a uniform flow of product to the bagging scale for products that do not flow well by gravity. Such products are molasses feeds, cubes, many chemicals, wood chips, etc., etc. The feeder comes with the following features:

- 3/4 HP drive motor and starter
- Crowned head and tail pulleys
- Bracket to support scale
- Dust tight design

- Manual operated stream depth regulator
- Large 18" by 10" inlet to attach to your hopper

BASIC OPERATION

When scale gate is opened, belt feeder automatically turns on and will run until feed gate closes. The stream depth regulator controls the amount of product delivered to the scale.



JM-600-2-DIGITAL SCALE

JMCS-2-D/JMCG-2-D

Full load cell scale gross weigh scale with pneumatically operated bag clamps and 2 position gate. The unit is designed to handle free flowing non dusty products at 7 to 8 (50 lb.) bags per minute plus or minus 2 to 3 ounce accuracy.

STANDARD FEATURES

- Two 150 lb. strain gauge load cells with summing box
- Clam shell spout with pneumatically operated bag holder (CS)
- Pecan shaped spout with pneumatically operated center grip bag holder (CG)
- Adjustable timers to suit your needs
- Adjustable flow control
- ESP series programmable digital controller (spec sheet attached)

BASIC OPERATION

Operator sets 1 on programmable digital controller to desired settings. Operator places bag on spout at same time, operators wrist hits wand switch or foot depresses foot pedal, thus closing clam. Gate automatically opens to fast feed (FF) setting. Then automatically goes to slow feed (SF) and then weigh complete. The bags is held until discharge timer (DT) times out and releases the bag.



JM-600-2-DIGITAL SCALE WITH BELT FEEDER

JMCS-2-D-BF/JMCG-2-D-BF

Full load cell scale gross weigh scale with pneumatically operated bag clamps and gate. The unit is designed to handle semi free flowing non dusty products at 7 to 8 (50 lb.) bags per minute plus or minus 2 to 3 ounce accuracy.

STANDARD FEATURES

- Two 150 lb. strain gauge load cells with summing box
- Clam shell spout with pneumatically operated bag holder (CS)
- Pecan shaped spout with pneumatically operated bag holder (CG)
- Adjustable timers to suit your needs
- Adjustable flow control
- ESP series programmable digital controller (spec sheet attached)

BASIC OPERATION

Operator sets 1 on programmable digital controller to desired settings. Operator places bag on spout at same time, operators wrist hits wand switch or foot depresses foot pedal, thus closing clam. Gate automatically opens to fast feed (FF) setting. Then automatically goes to slow feed (SF) and then weigh complete. The bags is held until discharge timer (DT) times out and releases the bag.

BELT FEEDER (BF-14)

The purpose of the belt feeder is to provide a uniform flow of product to the bagging scale for products that do not flow well by gravity. Such products are molasses feeds, cubes, many chemicals, wood chips, etc., etc.

The feeder comes with the following features:

- 3/4 HP drive motor and starter
- Crowned head and tail pulleys
- Bracket to support scale
- Dust tight design
- Pneumatically operated stream depth regulator
- Large 18" by 10" inlet to attach to your hopper

BASIC OPERATION

When the scale gate is opened, the belt feeder turns on and the stream depth regulator is in the up position, fast fill (FF). Upon a signal from digital controller, the stream depth regulator will be automatically reduced 3" to a dribble position (SF). When preset number 2 senses the correct weight, the belt feeder will stop. The positions of the stream depth regulator can be manually adjusted, however, the difference between full and dribble will be a constant 3". For example, if bulk feed is 5", dribble feed will be 2". If bulk feed is 4", the dribble feed will be 1".



JMDT-2-DIGITAL SCALE

JMDT-2-D

Full load cell scale gross weigh scale with dust tight bag clamps and 2 position gate. The unit is designed to handle free flowing dusty products at 7 to 8 (50 lb.) bags per minute plus or minus 2 to 3 ounce accuracy.

STANDARD FEATURES

- Two 150 lb. strain gauge load cells with summing box
- Wrap around bag clamps to suit your requirements
- Adjustable timers to suit your needs
- Adjustable flow control
- ESP series programmable digital controller (spec sheet attached)

BASIC OPERATION

Operator sets 1 on programmable digital controller to desired settings. Operator places bag on spout at same time, operators wrist hits wand switch or foot depresses foot pedal, thus closing clam. Gate automatically opens to fast feed (FF) setting. Then automatically goes to slow feed (SF) and then weigh complete. The bag is held until discharge timer (DT) times out and releases the bag.



JMDT-2-DIGITAL SCALE WITH BELT FEEDER

JMDT-2-D-BF

Full load cell scale gross weigh scale with dust tight bag clamps and radial gate. The unit is designed to handle semi-free flowing dusty products at 7 to 8 (50 lb.) bags per minute plus or minus 2 to 3 ounce accuracy.

STANDARD FEATURES

- Two 150 lb. strain gauge load cells with summing box
- Wrap around bag clamps to suit your requirements
- Adjustable timers to suit your needs
- Adjustable flow control
- ESP series programmable digital controller (spec sheet attached)

BASIC OPERATION

Operator sets 1 on programmable digital controller to desired settings. Operator places bag on spout at same time, operators wrist hits wand switch or foot depresses foot pedal, thus closing clam. Gate automatically opens to fast feed (FF) setting. Then automatically goes to slow feed (SF) and then weigh complete. The bags is held until discharge timer (DT) times out and releases the bag.

BELT FEEDER (BF-14)

The purpose of the belt feeder is to provide a uniform flow of product to the bagging scale for products that do not flow well by gravity. Such products are molasses feeds, cubes, many chemicals, wood chips, etc., etc. The feeder comes with the following features:

- 3/4 HP drive motor and starter
- Crowned head and tail pulleys
- Bracket to support scale
- Dust tight design
- Pneumatically operated stream depth regulator
- Large 18" by 10" inlet to attach to your hopper

BASIC OPERATION

When the scale gate is opened, the belt feeder turns on and the stream depth regulator is in the up position, fast fill (FF). Upon a signal from digital controller, the stream depth regulator will be automatically reduced 3" to a dribble position (SF). When preset number 2 senses the correct weight, the belt feeder will stop. The positions of the stream depth regulator can be manually adjusted, however, the difference between full and dribble will be a constant 3". For example, if bulk feed is 5", dribble feed will be 2". If bulk feed is 4", the dribble feed will be 1".



JM-600-2-DIGITAL SCALE WITH (GV) GRAVITY VIBRATOR FEEDER

JM-CS-2-D-GV/JM-CG-2-D-GV

Mechanical, pneumatic, and electrical gross weigh bagging scale that utilizes a radial gate for bulk fill, an 8" wide vibratory pan feeder for dribble fill. The unit comes complete with a pant leg diverter to split the flow into gravity feed and vibratory pan feed, is full load cell digitally controlled, and comes complete with a clam shell bag clamp or center grip spout.

Typical speed is 6 to 7 (50 kg) bags per minute at ± 1 oz. accuracy (2 Sigma).

STANDARD FEATURES

- Complete pneumatics including filter regulator lubricator assembly
- Two 150 lb. strain gauge load cells and summing box
- Clam shell spout with pneumatically operated bag holder (CS)
- Pecan shaped spout with pneumatically operated bag holder (CG)
- ESP series programmable digital controller (spec sheet attached)

BASIC OPERATION

Operator sets the target weight on the programmable digital controller and selects in settings for optimum speed and accuracy. Bag is placed on the spout using either wrist switch or foot pedal to activate closing. Feeding will automatically start with the gate open and vibrating pan feeder on.

The length of time the bag is held after weigh complete is adjustable to allow operator time to check weigh bag weights.

Unit works entirely off of 110 single phase electricity or 220 volt single phase electricity.



JMDT-2-DIGITAL SCALE WITH (GV) GRAVITY VIBRATOR FEEDER

JMDT-2-D-GV

Mechanical, pneumatic, and electrical gross weigh bagging scale that utilizes a radial gate for bulk fill, an 8" wide vibratory pan feeder for dribble fill. The unit comes complete with a pant leg diverter to split the flow into gravity feed and vibratory pan feed, is full load cell digitally controlled, and comes complete with an air operated dust tight bag clamp. Typical speed is 6 to 7 (50 kg) bags per minute at ± 1 oz. accuracy (2 Sigma).

STANDARD FEATURES

- Complete pneumatics including filter regulator lubricator assembly
- Two 150 lb. strain gauge load cells and summing box
- Wrap around bag clamps to suit your requirements
- ESP series programmable digital controller (spec sheet attached)

BASIC OPERATION

Operator sets the target weight on the programmable digital controller and selects in settings for optimum speed and accuracy. Bag is placed on the spout using either wrist switch or foot pedal to activate closing. Feeding will automatically start with the gate open and vibrating pan feeder on.

The length of time the bag is held after weigh complete is adjustable to allow operator time to check weigh bag weights.

Unit works entirely off of 110 single phase electricity or 220 volt single phase electricity.



JMDT SCALE 2 SPEED AUGER FEEDER DIGITAL CONTROLS

JMDT-2-D-AUGER

The JM scale with auger feeder is designed to handle fluidic or other hard to handle products. The feeder itself consists of a dual 6" auger. The augers are offset 50% so that the flow rate of the entire system is more uniform than the flow rate of a single auger could be. The auger is controlled by a 3.0 HP motor with 10 to 1 ratio gearbox, right angle, left hand output and adjustable via a 5.0 HP variable speed controller.

STANDARD FEATURES

- Complete pneumatics including filter regulator lubricator assembly
- Two 150 lb. strain gauge load cells and summing box
- Wrap around bag clamps to suit your requirements
- ESP series programmable digital controller (spec sheet attached)

BASIC OPERATION

The operator will select in optimum settings for both full feed and dribble feed of the auger. The auger should operate at no more than 5 lbs. per second in slow feed and generally no more than 20 lbs. per second in fast feed. The digital controller will provide a cutoff signal at the end of fast feed. The auger will then automatically switch down to slow speed and the digital indicator will provide a second cutoff at target weight. The auger will completely stop, an optional fluid tight slide gate at the end of the auger will close, as well as the normal gate inside the scale. The weight will be displayed on the digital indicator where it can easily be adjusted. The bag will then time out and be released from the spout onto the bag closing conveyor below.

The digital indicator will be supplied with set points so that the optimum settings on the digital indicator can be recalled by simply entering in the 2 digit set point number.

For example a 50 lb. bag of soy flour might have the best speed and accuracy with a preliminary weight setting of 26 lbs., a final weight setting of 50 lbs., free fall set at .70 lbs., and fast feed set at 75 and flow feed set at 22. These numbers are all digitally displayed and can quickly be brought up in the equipment. Thus the next time soy flour is operational, these numbers are pre entered before bag 1 is even run.

The operation of the discharge of filled bags from the spout can be through a timer, push-button, or foot pedal; the purchasers choice.