

Semi-Automated Net Weigher & Bagging Scales

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Akyurek Semi-Automated Net Weigher & Bagging Scale Machines are used for Pre-bagging weighing and Bagging of 5 to 50 kg bulk product.

Akyurek Semi-Automated Net Weigher & Bagging Scale machines are with electronic and micro-processing control. Feature of getting reports about sacked bags and weighing is available. It can connect to electronic devices such as PLC or computer.

Our machine can be used for all grain seeds, granule products, salt, granule chemicals, residue, provender, cement, construction chemicals, coal and stone.

Operation starts with Operator feeding the sack to sack grip, scale weighs the batch in two stages with gross weighing and net weighing and delivers the good in to sack. This process continuous in series action.

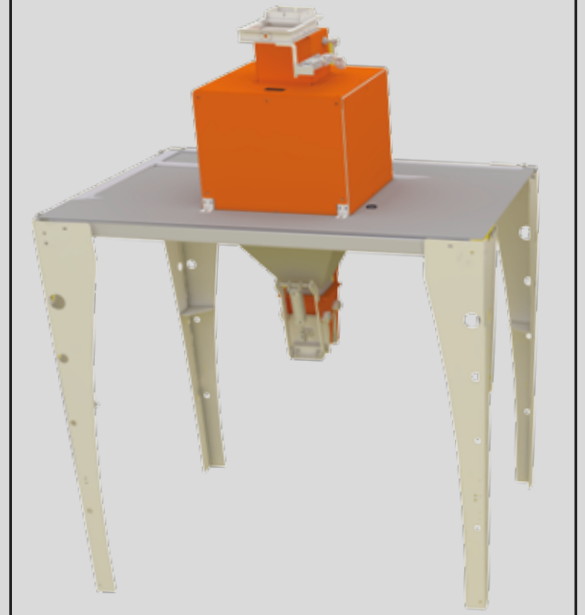
APPLICATION INDUSTRY:

- Food
- Cement / Construction
- Chemistry / Petrochemistry
- Mining

Features:

- Fast and Sensitive weighing
- Programmable number of bag to fill
- Configurable Max and Min Limits
- Warning at Out of tolerance weighing
- Level Check at Top Tank
- Weighing Memory

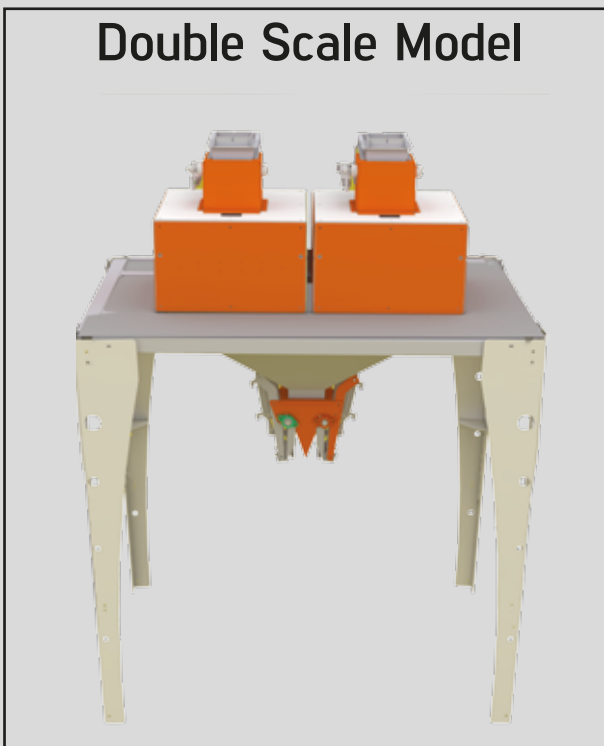
Single Scale Model



Product type and required capacity determines the...

- Conveyor type
- Pre Storage Hopper size
- Feeding Unit type
- Scale Model
- Bag Grip Model
- Bag Conveyor Belt
- Bag Closing type.

Double Scale Model



Quadraple Scale Model



Assembly Variations

Conveyor Types

Product conveyed to the pre-storage hopper with suitable conveyor for a homogenous weighing.



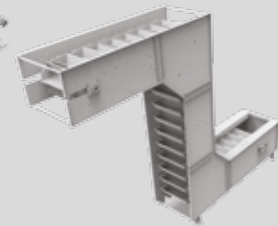
Bucket Elev.



Z Elev



Screw Conveyor



Z Elev



Easy Dump Elev

Pre Storage Hopper Types

Provides storage for even and steady loading rate in the Scale for homogenized Weighing.



4 m³



6 m³



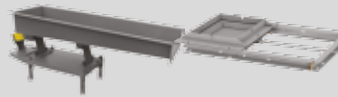
2 m³

Feeding Unit Types

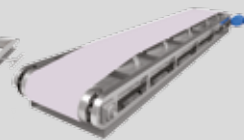
The product is conveyed to the scale with the help of feeding unit. Feeding process can be done with either free-fall, vibro feeder, conveyor belt or with screw.



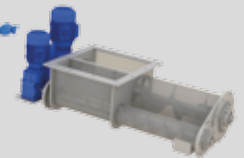
Free-Fall



Vibro Feeder Filling



Conveyor Belt Filling



Screw Conveyor

Scale Models

Suitable for operation requirement number of weighing Scale weighs and transmit the good it to the bag holding.



Single Scale



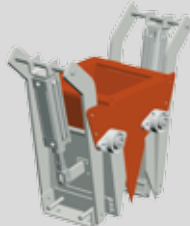
Double Scale



Quadraple Scale

Bag Grip Models

Suitable for operation requirement suitable Bag Grip Type is designated for the task.



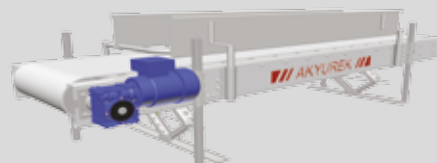
Big Unit



Small Unit

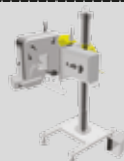
Bag Conveyor Belt

Filled Bag falls on to Conveyor Belt and Bag passes through the Bag Closing unit.



Bag Closing

Open mouth bag is closed with the automatic sewing machine or Sealing machine as per need.



Automatic Sewing Machine



Hand Held Sewing Machine

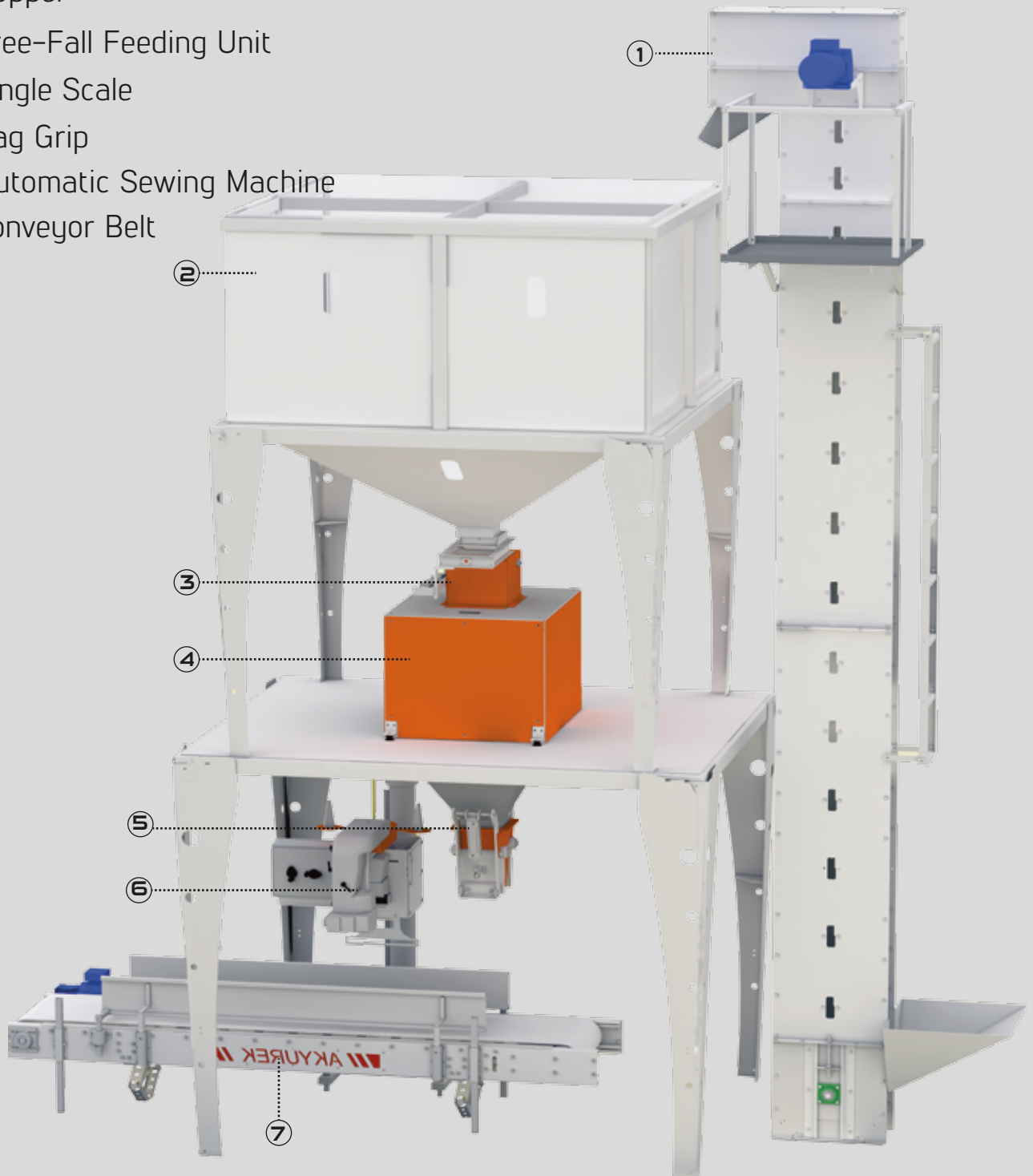


Sealing Machine



Single Scale Weigher & Bagger Model – TKYOK.017

- 1-Elevator
- 2-Hopper
- 3-Free-Fall Feeding Unit
- 4-Single Scale
- 5-Bag Grip
- 6-Automatic Sewing Machine
- 7-Conveyor Belt



Models	Target Weighing (kg)	Bags per Minute	Bags per hour	Capacity tn/hr	Precision (gr) \pm	Required Power	Air Requirement/ Pressure	Command and Control
Single Scale Weigher Bager - TKYOK.017	5	9	540	2.70	5 to 25	220 V 50 Hz AC	500 Lt min 8 Bar	Electronic Microprocessor
	10	9	540	5.40				
	25	8	480	12.00				
	50	6	360	18.00				

CAPACITY are given according to seed type granule easy flow material.



Double Scale Weigher & Bagger Model – CKYOK.017

1-Elevator

2-Hopper

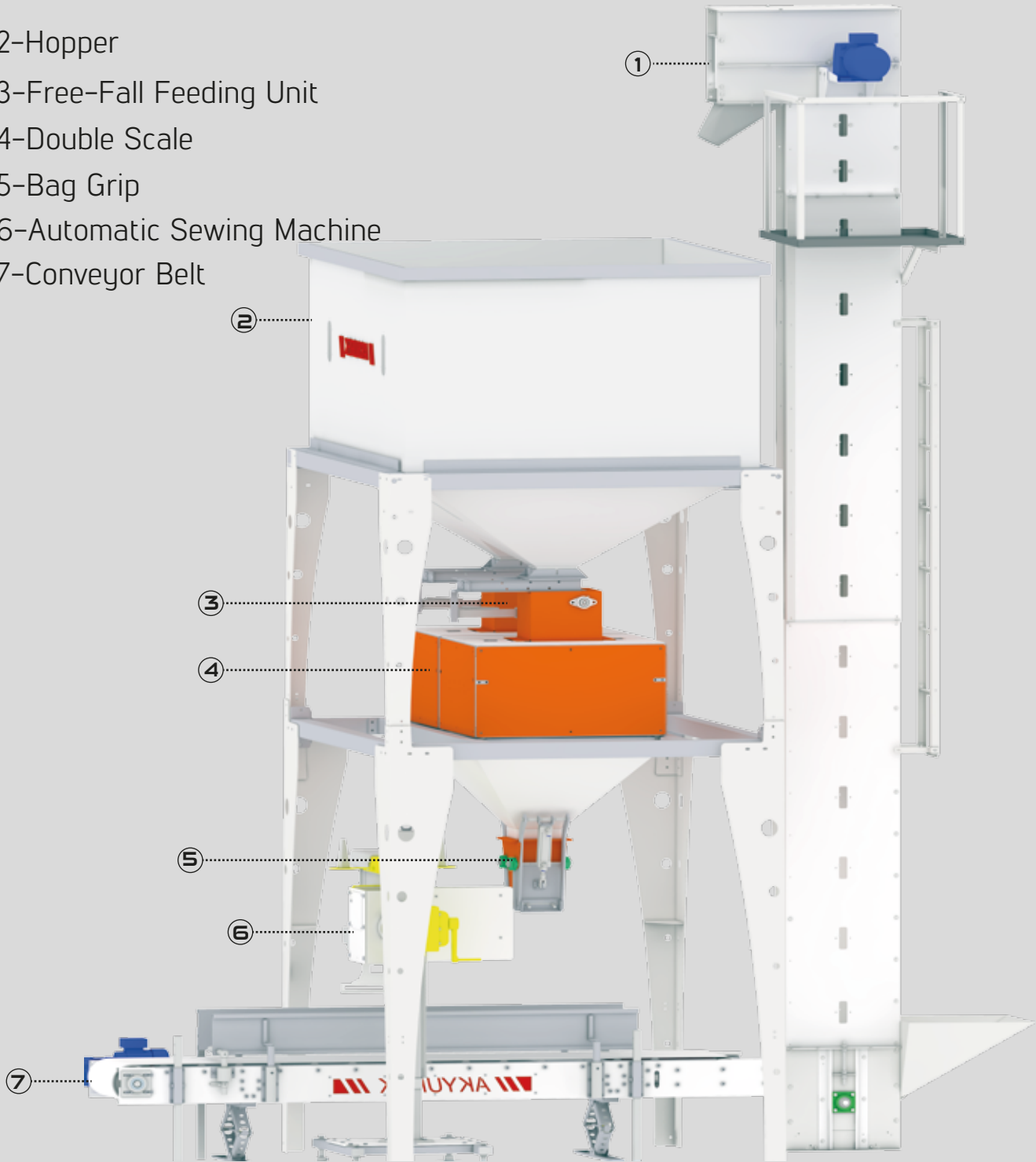
3-Free-Fall Feeding Unit

4-Double Scale

5-Bag Grip

6-Automatic Sewing Machine

7-Conveyor Belt



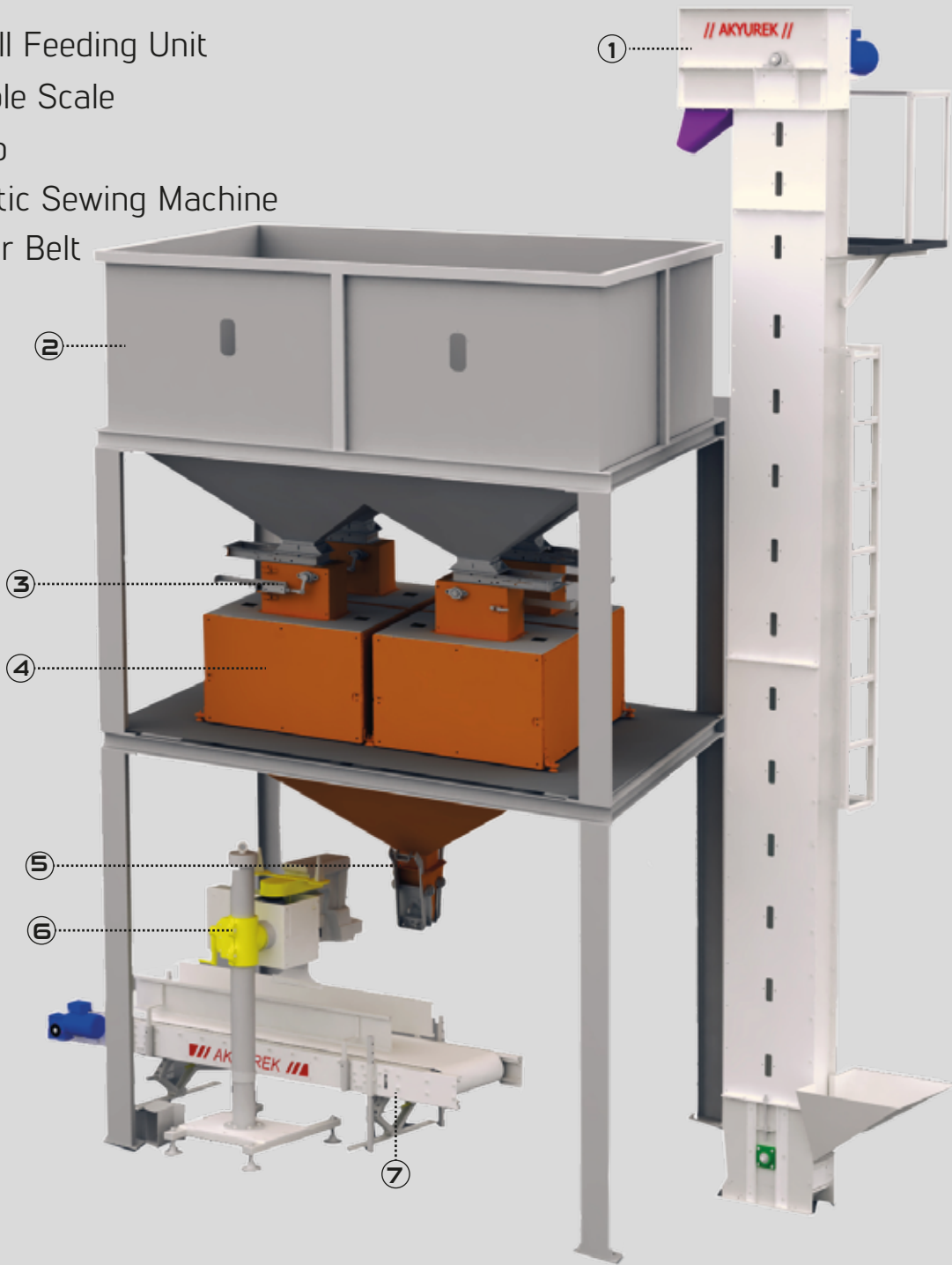
Models	Target Weighing (kg)	Bags per Minute	Bags per hour	Capacity tn/hr	Precision (gr) \pm	Required Power	Air Requirement/ Pressure	Command and Control
Double Scale Weigher Bager - CKYOK.017	5	14	840	4.20	5 to 25	220 V 50 Hz AC	700 Lt min 8 Bar	PLC and Touchscreen
	10	14	840	8.40				
	25	12	720	18.00				
	50	9	540	27.00				

CAPACITY are given according to seed type granule easy flow material.



Quadruple Scale Weigher & Bagger Model – DKYOK.017

- 1-Elevator
- 2-Hopper
- 3-Free-Fall Feeding Unit
- 4-Quadruple Scale
- 5-Bag Grip
- 6-Automatic Sewing Machine
- 7-Conveyor Belt



Models	Target Weighing (kg)	Bags per Minute	Bags per hour	Capacity tn/hr	Precision (gr) \pm	Required Power	Air Requirement/ Pressure	Command and Control
Quadruple Scale Weigher Bager – DKYOK.017	5	28	1680	8.40	5 to 25	220 V 50 Hz AC	700 Lt min 8 Bar	PLC and Touchscreen
	10	28	1680	16.80				
	25	24	2040	51.00				
	50	16	1080	54.00				

CAPACITY are given according to seed type granule easy flow material.



Visual From Plants



Semi-Automated Net Weigher & Bagging Scale



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