

Screw Feeding Bagging Scale

Screw Feeding Bagging Scales use 2 motors driving 2 screw feeders and are equipped with pneumatic gate and frequency inverter.

Flow control by screw cycle.

Specification

Weighing system	Model	Capacity	Speed	Accuracy	Power	Power supply	Air compress (MPa)
		(kg/bag)	(bag/min)		(kW)		
Net scale	TDS7010	20-50	8	X0.2	4.4	3ph380Vac	0.4-0.6
Net scale	Tds7010	5-20	7	X0.2	3.3	3ph380Vac	0.4-0.6



Detail Operation

High Speed Bagging Machine

This Bagging machine were installed with two weigher. Their weighing capacity are 60 kg x 0.01kg and each weigher has their discharge gate and feeder. Both weigher were enclosed within one housing and mounted with discharge chute ended with bag spout and pneumatic bag clamp.

The Micro-Computer Controller utilized advanced microprocessor hardware with display and keypad to set up the production data, such as bag set weight , number of bags per production run, product identification number.

Twin Weigher Operation

This twin weighers bagging machine are automatic operate at alternate cycle.

1. Operator to activate the start switch.

Both weigher and feeder begin filling material into the weigher at fast/slow speed which according to the predetermine weight set value, filling completed, stop, waiting for discharge.

2. Operator to place empty bag into bag clamp activate the dump switch.

The discharge sequence for twin weigher automatically set priority for one weigher. Always to discharge first if both weigher are waiting to discharge.

- a. Bag clamp by activate the dump switch.
- b. The 1st priority weigher discharge material through the discharge chute into the clamped bag.
- c. discharge completed, discharge gate closed.
- d. Filling of the 1st empty weigher automatic start again will automatic stop while the weight reach the setting at the same time, bag clamp release the bag.
- e. Operator place another empty bag into the bag clamp.
- f. Activate the 2nd weigher to discharge the material into clamped bag. After weigher gate close 2nd weighr filling automatic start again & will stop while the weight reached the setting.
- g. Bag release automatically on the conveyer.
- h. Operator place another empty bag the two weigher continue alternate discharge material into the clamped bag. As well as the operating cycle will continue till stop is activated or Total bag set per production run reached.