

BROILER PAN FEEDING SYSTEM

**SPECIAL DESIGN FOR
BROILER IN DIFFERENT AGE**



**PROFESSIONAL POULTRY RAISING
EQUIPMENT MANUFACTURER**

Broiler pan feeding system

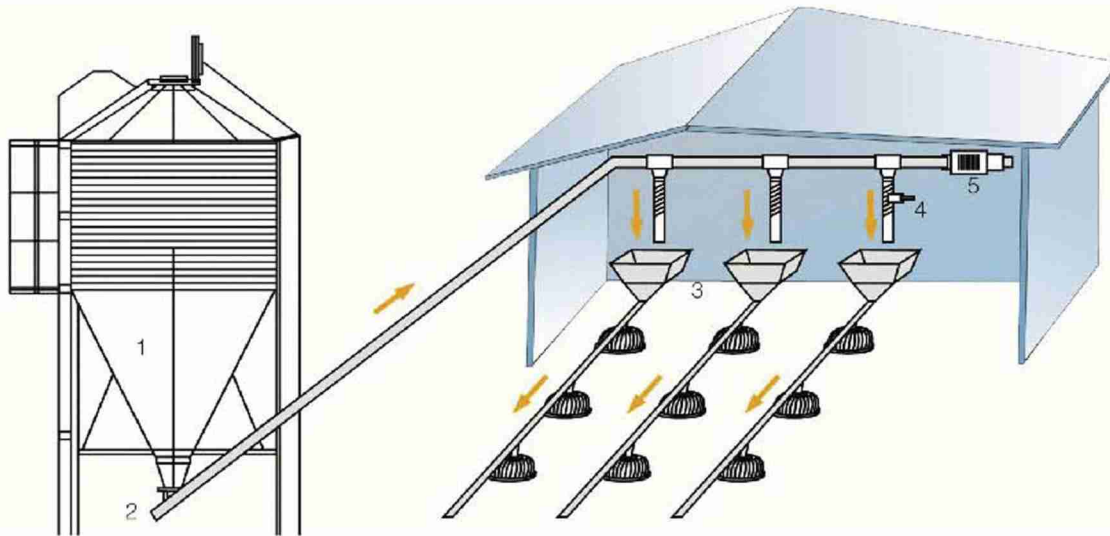


This feeding system deliver feed through auger,including main feed line and pan feed line.

Main feed line:deliver feed from silo to hoppers in chicken house.There is one feed sensor(or limite switch) at the end of main feed line,which can control drive motor on and off to realize automatic delivery feed.

Advantage:Reduce labour intensity.One person can manage one chicken house.

Pan feed line:This system deliver feed automatically by feed sensor(or limite switch) at the end of feed line to control drive motor on-off.



Layout of main feed system

1. Silo
2. Silo boot
3. Pan feed line
4. Feed sensor
5. Drive motor

Silo spec



Model No.	Diameter Meter	Metric Tons	Cubic Meter	Height to Fill Meter
18-0060-1	1.8	2.5	4.2	3.6
18-0060-2	1.8	4.0	6.5	4.5
18-0060-3	1.8	5.0	8.8	5.4
27-0060-1	2.75	7.0	11.8	4.8
27-0060-2	2.75	10.0	17	5.7
27-0060-3	2.75	13.0	22.2	6.6
30-0060-1	3.05	9.0	16.0	5.1
30-0060-2	3.05	13.0	22.5	6.0
30-0060-3	3.05	17.0	29	6.9
36-0060-1	3.6	13.0	21.7	5.1
36-0060-2	3.6	19.0	30.9	5.9
36-0060-3	3.6	25.0	40.1	6.8

Pan feed line



Pan feed line consists of

Hopper: volume-70kgs Material-galvanized sheet Thickness-1.0mm
 Delivery pipe with auger: Φ 45mm
 Feed pan: 14grills, Φ 330mm
 Feed sensor or movable control pan for brood
 Drive motor: stop delivering auger automatically
 Hanging system
 Anti-roost system



Feed pan



Feed pan



End control pan

Diameter: 330mm Material: PP, antioxidant, UV, anti-aging
 Grill: 14 grills
 Number of birds/pan: 40-50birds/pan

Feature of feed pan:

1. 360° rotation can prevent birds bruises.
2. Handy shut-off adjustment slide
3. Handy feed level adjustment ring.
4. Special feed pan bottom design prevent feed waste.
5. Special window on feed cone satisfy birds' feed request in rearing and heavy period.



Easy to assemble and disassemble

Drive motor



Originated from Taiwan with overload protection and aluminum shell
 Protection class: IP55

Power: 0.75kw
 Voltage: 380v (we could supply the motor with different voltage according to local place)
 Frequency: 50hz

Delivery system



Feed pipe: 4holes/3m, 3holes/3m
 Diameter: 45mm
 Material: galvanized steel with zink coating 275g/m²
 Thickness: 1.2mm
 Auger: Originated from South Africa
 Delivery capacity: 450kgs/h

Feed sensor

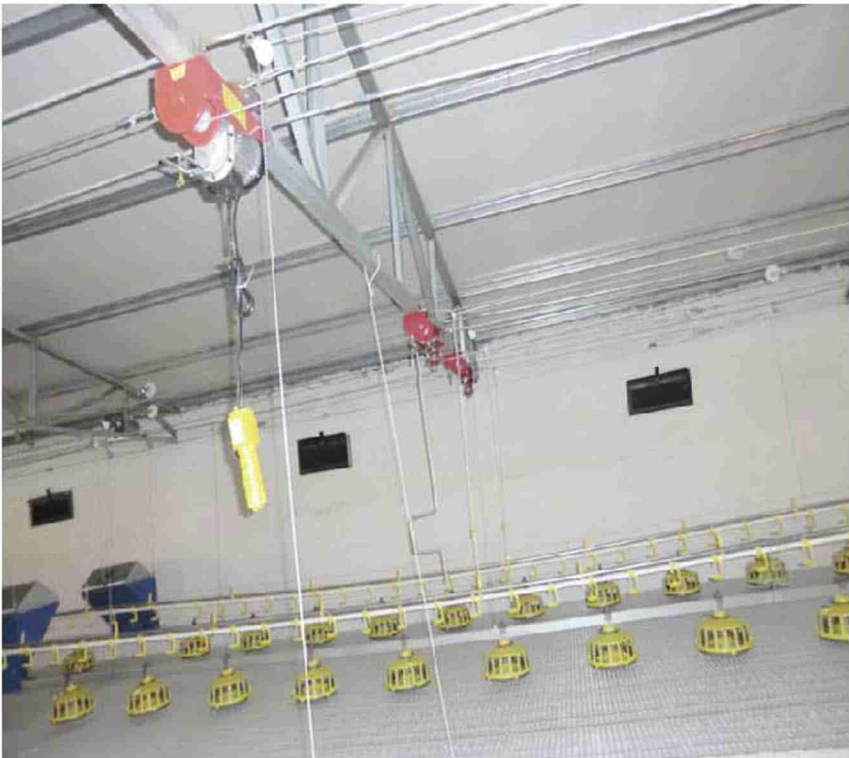


Feed sensor (used for feed line and main feed line)
 Feed sensor can be installed in the feed pan:
 When there is lack of feed, drive motor will start and deliver feed.
 When there is full of feed, motor will stop.
 Feed sensor can be installed at the bottom of hopper too.

Hanging system of pan feed line



Hanging system of pan feed line consists of winch, pulley, fasteners, stainless steel wire, clamp and so on.
Height of pan feed line system can be adjusted by winch, appropriate pan height is very important for poultry growing.
Correct height: Birds back height = Upper height and outer edge of pan grill.
Pan feed line can be lifted by hanging system, which improve cleaning work and offer convenience for birds moving in and out.



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