



Three-way Fetura Selection Station with the automatic sorting of animals according to their weight. It is recommended to use a Selection Station in finishing pig farms with big group pens up to 400 pieces. The station provides a farmer a precise information about the number of pigs in the particular weight, the number and frequency of passing through the station and a daily mass increase. Those data enable a precise planning of expedition and sale time. A constant control of a herd enables to detect potential feeding mistakes, the early stage of disease and bad quality of feed. Animals passing through the selection station can be forwarded in three directions: left and right exits to the feeding zones or the middle-expedition exit used during the sale or separation of the chosen animals.

The complete Fetura Selection Station system consists of:

Three-way Fetura Selection Station

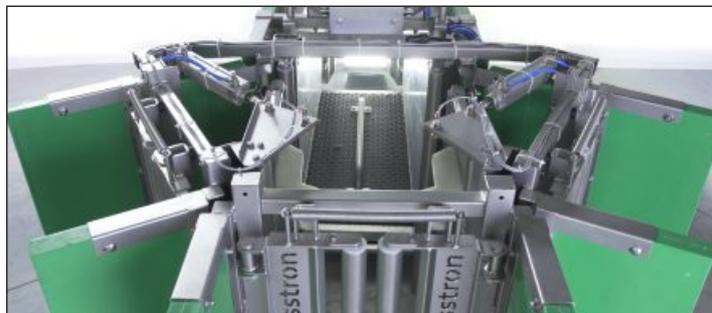
- Frame made of stainless steel INOX and plastic panels
- Pneumatic distribution board and Fetura Controller of Selection Station with a weight display
- International Protection Rating IP65
- Required pressure to pneumatic distribution board 4 bars, 150l/min, Ø 6mm
- Total weight of Selection Station – 460kg
- Powered at: 230VAC, 50Hz, 1.5A
- Catalog number: (KB16630)

Weighting unit with the dimensions:

- Clear width of entrance on scales- 450mm
- External width of weighting unit- 730mm
- Total length of weighting unit- 2050mm
- Clear height of entrance- 960mm
- Clear height in the basket- 815mm

Separation unit with the dimensions:

- Clear height of entrance- 960mm



Fetura One-Way Gate for Fetura Selection Station

- Frame made of stainless steel SST (INOX) and plastic panels

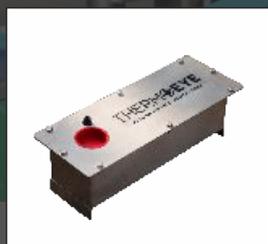
Type	1	2
Catalog number	(14433)	(16911)
Clear width of entrance	400 mm	450 mm
Total width	500 mm	500 mm
Height of entrance	750 mm	
Total height	1000 mm	
Total length	1000 mm	

Antilaying Bar for Fetura Selection Station

- Made of stainless steel SST (INOX)
- Catalog number: (15580)

Fetura Thermoeye

- Made of stainless steel SST (INOX)
- International Protection Rating IP65
- Working in range of temperature: -10°C up to 50°C
- Powered at: 12V, 2A
- Catalog number: (16929)



Fetura Bridge One & Group

A device for connection between Selection Stations and Fetura Cloud

- For managing Three-way Fetura Selection Station by Bridge One & Group the communication of the device with Fetura Cloud Box and Fetura Cloud application is required.
- Communication with Selection Station achieved by the means of a 3-core cable LIICY3x0.5
- Communication with Cloud Box achieved by the means of a 4-core screen cable LIICY4x0.5
- One per 20 selection stations
- The power of radio signal is limited by the number of walls and the material they are made of
- It is advised to fit it in the passageway
- It is advised to connect devices in series
- International Protection Rating IP65
- Powered at: 230VAC
- Catalog number:(16904)



Fetura Cloud Box

Used to protect and send the encrypted data to the cloud Fetura Cloud.

In the cloud data are collected, kept and processed in order to generate reports

- The access to the cloud is achieved by the individual user's account via the Internet connection from any place in the world
- One per max. 16 Fetura Bridge One & Group
- The device is indispensable to control Three-way Fetura Selection Station with the use of Fetura Cloud application
- Min. internet bandwidth required: 4Mbits/s
- Connection to the Internet with the use of RJ45 wire
- It is advised to fit in the social room
- International Protection Rating IP65
- Powered at: 230VAC
- Catalog number:(16828)





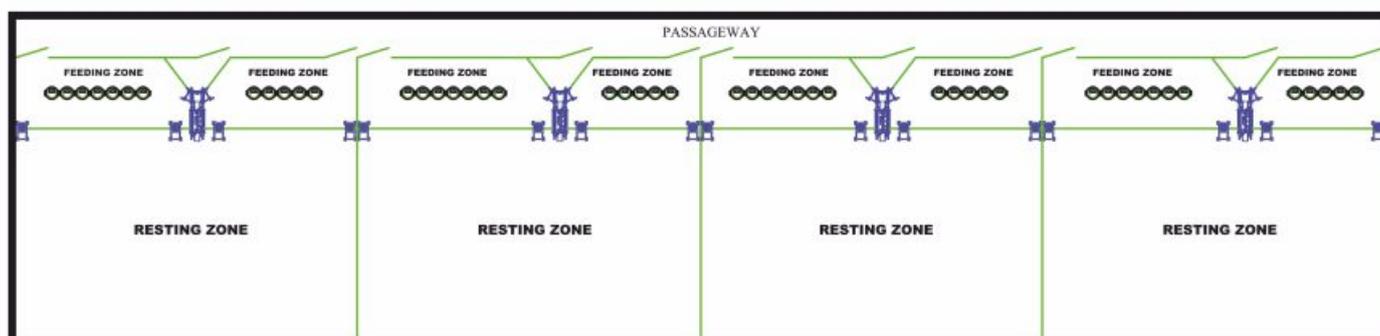
Description

Three-way Fetura Selection Station with the weighing basket hanged on strain gauge, each time makes the measurement of pig's weight while it comes from a resting zone to the feeding zone. Animal's weight measurement lasts 5 seconds. Depending on the weight, animals are directed to a proper feeding zone (number 1 or 2) with different kinds of feed, so called finisher and grower. Finishing pigs' expedition is made by the middle exit directly to passageway. Automatic selection of pigs by the Station reduces labour costs and reduces animal's stress level.

Fetura Selection Station is equipped with three exit gates. From the feeding zones there are from two up to four one-way gates that enable animals the passage from the feeding zone to the resting and drinking area.

Fetura Selection Station in its extended version has Fetura Thermoeye, an innovative system for temperature measurement. Fetura Thermoeye detects abnormal temperature in animals as well as it systematically sends information about a detected temperature deviation simultaneously marking the animal with paint. Detecting a disease in its early stage enables a quicker reaction and prevents from spreading a disease. Thus, it reduces the costs of stock treatment.

Computer system installed in the Station generates reports about frequency of animals' visits in a feeding sector, animals' weight distribution, weight increase and additionally after fitting the module RFID, it gives the possibility of animal's identification and provides information about every animal in a pen. Thus, a farmer can precisely plan animals' transport in a particular weight section. Reports and statistics are available in the account in cloud Fetura Cloud.

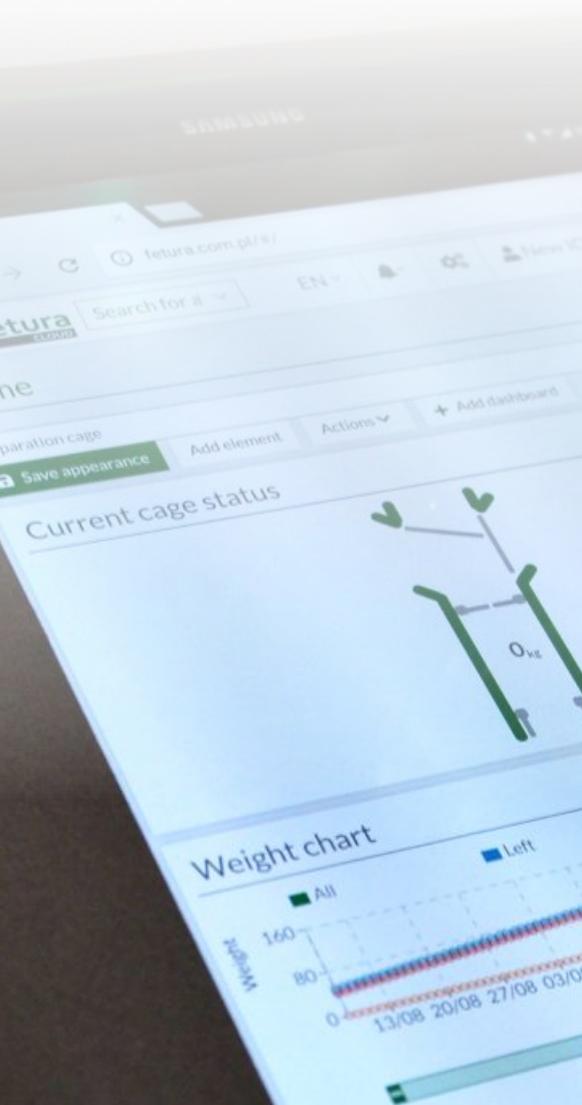


Feeding sector:

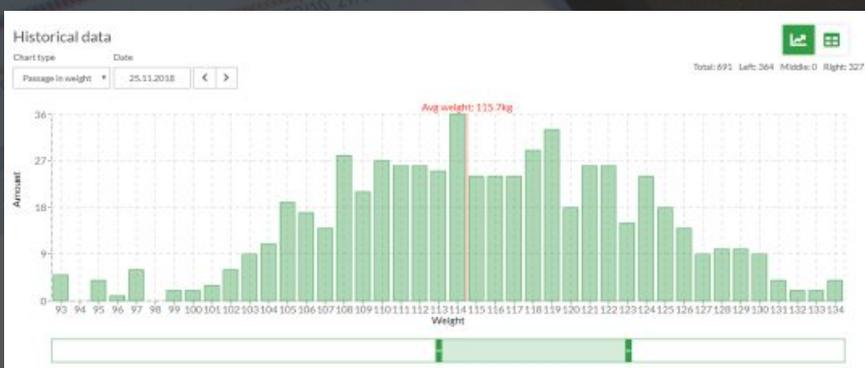
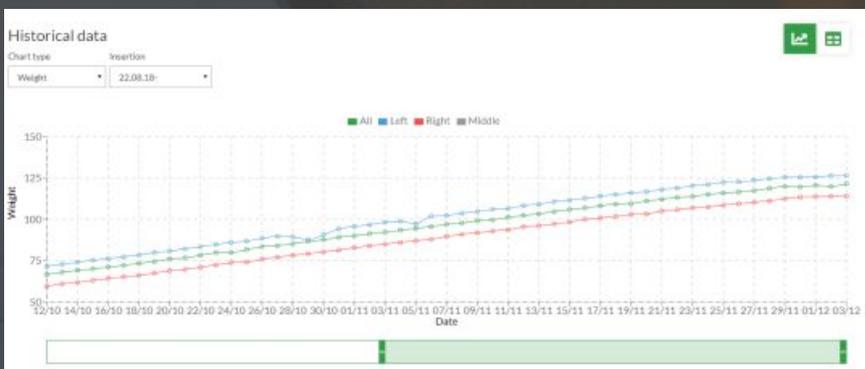
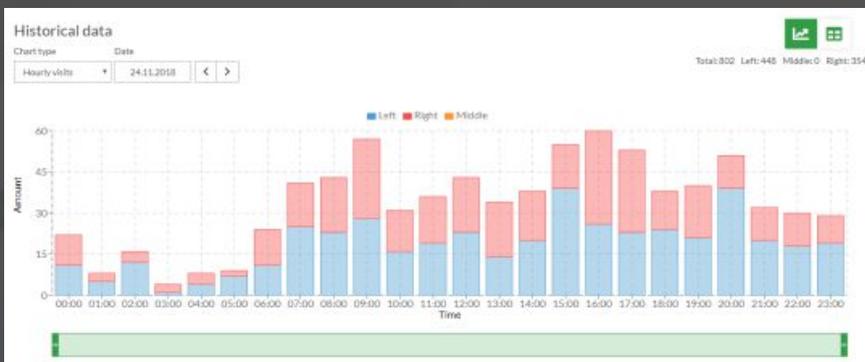
Feeding sector is divided into two parts with the surface relations 60% to 40%. The bigger surface sector contains finisher feed, whereas the smaller surface sector contains grower feed. A farmer can fit the feed to the animal's weight, which results in the costs reduction of fattening pig production.

Resting zone:

Resting area consists of a large and spacious pen where are up to 400 pigs. Animals can move without any restrictions in a resting and feeding zones as well animals' behaviorism changes, hierarchy in a group disappears what minimize stress and aggression, which gives comfort and safety to weaker and more timid animals. Drinkers are in this zone.



Statistical charts from the Fetura Cloud



Advantages of big pens

- Hierarchy in a group disappears what minimize stress and aggression and increase comfort
- Pigs selection depending on the weight and directing to the proper feeding zone
- Shortened fattening time
- Constant control of a herd enables to detect potential feeding mistakes
- Provides a separation of the chosen animals
- Precise planning of expedition and sale time thank to constant control of the weight on animals (daily mass increase)
- Easy expedition
- 10% bigger cast in the pen
- Less human work needed
- Reduction of energy, water and slurry costs