



MATERNEO

FARROWING MANAGEMENT

Intelligent Farrowing Feeding / Watering System

With Materneo feeding system, Asserva extends its Selffeeder concept on lactating sows.

The objective: prepare the animal for its next farrowing, improve its lactation and eliminate feed waste.



With a pneumatic dispenser which measure feed with a wheel, each portion is delivered in small doses (100 to 200g) according to the appetite and the ingestion rhythm of the animal. The TIT System (Trough Inspection Technology) in the bottom the trough allows to distribute the feed when the system detects that the trough is empty.

The sows eat at their own pace and appetite according to their feeding curve - with no wasted feed. Each dose is delivered with a water dose. Between the meals, water distribution curves are programmable. The daily water portion is also delivered in small quantities. Thus, the sow has always fresh water in the trough. These elements encourages the sow consumption and lactation.

But, Materneo system doesn't stop here and can even go further. It is also possible to control the supply of the silos and detect the farrowing with a special camera. Materneo is a global concept for farrowing management.



CONTROL

Personalized feed and water distribution, with precise doses



PERFORMANCE

Individual & evolutive feeding plans following the needs of each sow.



ECONOMIC

No feed waste (save until 800 gr per sow per day).



EVOLUTIVE

Programmable & evolutive dilution rate



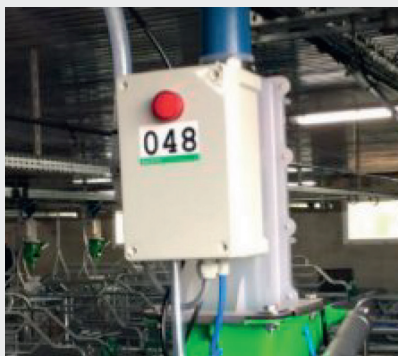
WATER CONTROL

Water management between food meals



WIRELESS

Materneo app available to control and to check the system via smartphone.



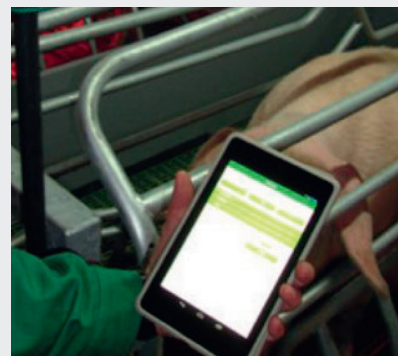
BETTER FEEDING MANAGEMENT FOR FARROWING SOWS

The wheeled feed dispenser with actuator guarantees precision and reduces maintenance. The warning light shows that the sow is in consumption alert. The threshold can be adjusted by the breeder and can be seen immediately without needing to use a computer.



FEED AND WATER CONTROL

The trough is fitted with TIT system (Trough Inspection Technology). It dispenses the next dose of feed only if the previous dose has been eaten: no waste, clean troughs and less frequent cleaning required.



BETTER MANAGEMENT WITH PERFORMANCE DATA BASE

The entire Materneo system can be connected to a smartphone or tablet via Internet. The farrowing rooms can easily be monitored remotely. The gestating sow's data is directly transferred to farrowing file.

TIT[®]

TROUGH INSPECTION TECHNOLOGY BY ASSERVA

The TIT System

(Trough Inspection Technology allows to control precisely the distribution and consumption of feed and water, but also of water only.

This unique process developed by Asserva totally adapts to the sows rhythm.

With TIT System, no more feed wasted and troughs to clean !



Wet meal with individual dilution

Distributions of the right doses

Distribution following the sow consumption rhythm.

Individualized and automatic control of the water distribution Available 24/7.

Distribution of the right water quantities according to the needs

Feed consumption increased by **7 to 12%** due to wet distribution
Close & Cole, 2000, Lalwlor & Lynch, 2007

Small and fresh feed distributed. Attractive and appetizing meal all time.

Improves welfare, reduces stress for a better feed consumption.

Always fresh water available. During hot periods, with fresh water:
+40% water consumption
+20% feed consumption
+9% piglets weight at weaning
Jeon H. et al. Livestock Science 105

- Save up to **800 gr** of feed per sow per day - Increase the efficiency of your time.
- Reduce the pathogenic transmission.