

ROBOT SYSTEM

A U T O M A T I C F E E D D I S T R I B U T I O N

Self-propelled programmable feeder of concentrated feed

DS800

- The DS800 is a self-propelled feeder of concentrated feed.
- The forward motion and all functions are electrically operated.
- It enables the transport, the measuring, the mixing and distribution of the various loaded concentrated feed for the goats/sheep and cattle.



The technical datas :

- Useful capacity : 800 l (700 kg).
- 2 compartments with each a 102 mm Ø auger are fitted in standard.
- Adjustable partition walls depending of the number of components of the feed ration.
- 1 motor 24 volts (2000W) with gear reduction (torque suitable for the slopes).
- Forward motion with speed adjuster (from 10 to 100 m/mn).
- Speed display.
- Wheels type «Quad».
- Driving system with axle equipped with automatic brake and integrated differential.
- 2 x 12 volts sealed lead acid batteries mounted in series.
- Battery loader on local 220 volts supply circuit.
- Embarked SIEMENS driving system + control touchscreen available in various languages at demand.

Distribution:

- Per auger: 1 motor with gear reduction.
- The distribution output is proportional to the speed of the forward motion (DPA).
- Programmation of the rations by gauging of each auger (once at low speed/once at high speed).
- High distribution speed (50m/mn) with choice of the rations.
- Distribution up to 4 different components + mineral and 30 different rations directly on the ground or in the troughs.
- The distribution is programmable «in line» or per «animal».
- Distribution chute at RHS or LHS (to be confirmed at order date).

Its assets:

- Profitability : precise measuring (up to a few grams depending of the type of feed) = no waste of feed
- Versatility : distributes all types of concentrated feed (cereals / granular up to 40 mm Ø / powder) to sheep, goats and cattle.
- Specific equipments are available at demand (fodder pusher front blade...).
- Easy and quick operational system (no need of further mounting).
- High manoeuvrability: ideal for farms with several buildings.
- Interchangeability: Mounting of the body on rollers (as a swap body).

TWO MODELS

STANDARD VERSION (DS800N)

- Large touchscreen
- Up to 30 different rations
- Distribution «in line» or «per animal»
- Gauging of each auger

SIMPLE VERSION (DS800S)

- Forward motion speed adjustable by potentiometer
- Auger distribution output is adjustable by potentiometer.
- «In line» distribution only
- Choice of one or several components to distribute by buttons ON / OFF

ROBOT SYSTEM



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A U T O M A T I C F E E D D I S T R I B U T I O N

THE COMPLETE RANGE

The self-propelled programmable feeder of concentrated feed for cattle / goats / sheep.



DS-ROB
Floor feeding robots



Suspended automatic feeder



DA 300 / DA 500
Automatic feeder for
cattle / goats / sheep.

DA-VEAUX
Automatic feeder for
calves

DAVR
Automatic feeder
(rotative system) for
poultry

3 points linkage feeder



DAPAG
Automatic feeder (in liftable troughs) for poultry

Equipments for milking rooms

CEB/CEF
Electrified backing
gate for goats/cattle



DA60
Automatic feeder for
milking rooms



Rotary parlours for goats
and sheep

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Ce matériel est destiné aux professionnels qui reconnaissent avoir évalué les capacités de l'outil par rapport aux travaux qu'ils doivent effectuer. Ils sont proposés sur la base des conditions générales de vente de la société CARTEL stipulées sur les bons de commande.
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