

# 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*

**DS1300**

- The DS1300 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 cows.



### THE TECHNICAL DATAS :

- Useful capacity : 1300 l (1000 kg).
- 2 compartments with each a 125 mm Ø auger are fitted in standard.
- Adjustable partition walls depending of the number of components of the feed ration.
- 2 motors 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.
- 4 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 cows.
- 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).

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#### Siège social :

ZA du Cormélia  
F - 85500 CHAMBRETAUD  
Tél : + 33.2.51.61.50.50  
Fax : + 33.2.51.91.50.00  
Mail : silofarmer@groupe-cartel.com  
Site web : www.silofarmer.fr

### TWO MODELS

#### STANDARD VERSION (DS1300N)

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

#### SIMPLE VERSION (DS1300S)

- 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

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*Options for self-propelled  
programmable feeder of  
concentrated feed*

**DS1300**



## STANDARD OPTIONS

- 1 or 2 additional types of feed with auger diameter adapted to the types of feeds.
- Mineral hopper.
- Taylor made conception.
- Swivelling front blade to push the fodder.

## Specific option for wet mais grains (up to 35% humidity rate)

- 600 l conical hopper with maximum one additional component.



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Site web : [www.silofarmer.fr](http://www.silofarmer.fr)

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