

## COMPANY

The company was founded in 1948 when it began as a blacksmith's workshop.

It gradually diversified into the manufacture of ploughs until it became the most important manufacturer in Spain and quite possibly in Europe.

Nowadays it is the most important Spanish manufacturer of self-loading forage wagons,

with a market share of more than 80% in the domestic market and important experiences in other countries such as France, Germany, Ireland, Holland, Portugal, Romania and Algeria.

The current factory was inaugurated in 1975. The size of the facilities is 7500m<sup>2</sup> + 1500m<sup>2</sup> (built)

and an additional area of 5000m<sup>2</sup> that will enable us to expand the production capacities while the company grows and develops new markets.

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INDUSTRIAS

# Lacasta

SELF-LOADING FORAGE WAGONS



# Lacasta

# COMPETITIVE ADVANTAGES

## 100% in-house design and engineering

including mechanical, hydraulic, electrical and electronic components.

## 100% in-house manufacturing

at our facilities.

## Facilities perfectly equipped

for the manufacturing of new equipment and maintenance of our customer's machines.

## Flexibility.

## Agility.

**In-house technical service** at our facilities or at the customer's premises.

**Experience** and very high **qualified staff.**

**Large stock of original spare parts.**



# OUR WAGONS

Self-loading wagon harvesting is undoubtedly the most economical forage harvesting process.

**Our machines guarantee maximum performance. Our experience of more than 40 years designing and manufacturing these machines has made us the undisputed leaders in the domestic market with a market share of 80% in Spain.**

Our self-loading wagons work with tandem or tridem axles which, together with the self-levelling hydraulic suspension fitted as standard, guarantee maximum stability and adaptation to any type of terrain.

**The rotor is equipped with a highly durable anti-wear plate tungsten carbide coated that guarantees optimum operation, extends its service life and reduces maintenance costs.**

All models are equipped with a hydraulic variable pressure blade safety system.

## ALL OUR MACHINES ARE EQUIPPED WITH

Dual unloading motors.

Touch screen control module AS STANDARD that ensures total control of the wagon.

## LARGER MACHINES AS STANDARD

Cutting blade quantity selector.

6 independent discharge chains on independent mats.

## OPTIONAL ON SMALLER MACHINES

Electronic steering, pneumatic brakes, etc.

## PICK UP

**The wide pick-up with 6 rows of tines and a large capacity guarantees perfect collection even at high speeds, providing a continuous and uniform flow of forage to the rotor.** The position of the pick-up enables to work with large swaths of forage, this turns into a fast collection without clogging.

**The control wheels are steerable and adjustable and their position in relation to the pick-up centerline ensures real-time adaptation to uneven ground.** Balance springs prevent excessive pick-up pressure on the ground and also prevent premature breakage and wear of the tines.

## ROTOR

IT IS THE HEART OF THE MACHINE.

Large width (2100 mm) to ensure correct and efficient forage collection. The tungsten carbide coating significantly extends the life of this key element in the operation of the machine. It is supported on a rolling ring and an oversized shaft at the other end. It has unmatched stability and high load-carrying capacity. The driveline formed by a girth gear and an epicyclic gearing gives it the capacity to absorb pulsating loads and ensure an optimum power transmission.

**The 40 scrapers and their positioning relative to each other and to the rotor tines reduce the pressure on the crop,** reducing power requirements and product crushing.

The gearbox with conical-helical pinions and robust bearings is designed to transmit high power outputs with complete safety.