

HÉRCULES 4.0

Faster and higher efficiency
with superior spreading



HÉRCULES 4.0

THE TRADITION OF THE STARA SELF-PROPELLED SPREADERS, HÉRCULES 4.0 PROVIDES MORE AGILITY AND HIGHER EFFICIENCY TO THE OPERATIONS WITH EXCELLENT SPREADING QUALITY AND METERING PRECISION, OPTIMIZING THE CROP FIELD RESULTS. IT FEATURES A ROBUST AND BOLD DESIGN AND THE BEST TECHNOLOGY PACKAGE OF THE CATEGORY.

IMAGE MERELY ILLUSTRATIVE



Stara

Stara
HERCULES 4.0

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HÉRCULES 4.0

Engine

Cummins® electronic engine with **200 cv**. It delivers a longer lifespan, low pollutants emission, and lower noise.

Hydrostatic transmission

The system is comprised of hydraulic axial piston motors and planetary gear reducers that ensure higher application speeds and torque. As a result, this system increases operating yield without jeopardising the application quality.

Optimised hydraulic system

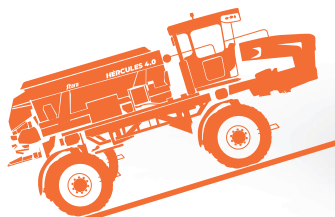
It features a hydraulic system with a 100-litre reservoir only, and a minimum level and temperature sensor, providing lower maintenance costs and more protection and safety to the system.

The LS pump (Load Sensing) automatically adjusts the oil flow and pressure by using only the required power to carry out the machine operations, resulting in savings and improving the spreader performance.

31%

RAMP CAPACITY

It allows the machine to operate over bumpy terrains.



Hydraulic wheel tread width extending from 2.70 to 3.30 metres

Machine cab

It provides great visibility and low noise levels. The seat has pneumatic adjustment and the steering wheel is adjustable, being more comfortable for the operator.

Lighting

Hércules 4.0 provides you with stronger lighting since it is equipped with 4 main lights (LED) and 12 operation lights (LED) that add greater comfort and safety to the operator during nighttime applications.

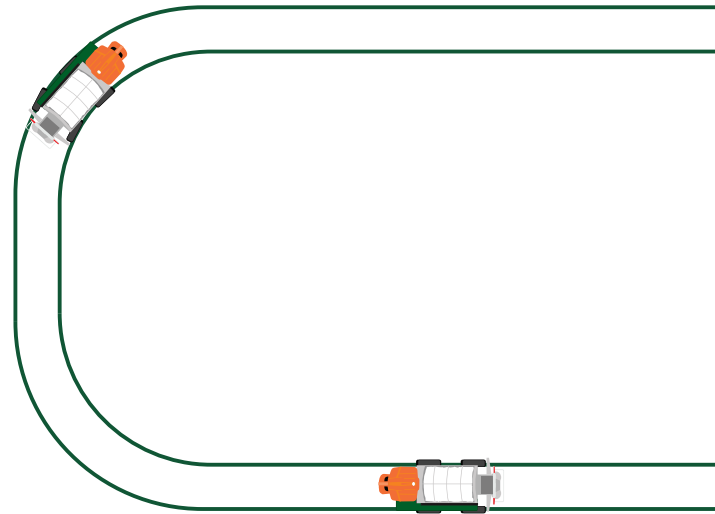


Ground clearance:
1.4 metres

Smart 4-Wheel-Steering System*

It allows for turning radius **42% shorter** than conventional systems.

* Optional feature



Up to
45%
less crop damage
on boundary
applications and
steering procedures
on your crop

Hopper

Stainless steel hopper with high resistance and durability. **A capacity of 4,000 kg or 4m³.**

Active pneumatic suspension

It offers a better machine levelling even on bumpy terrains and keeping spreading uniform.

Electrical system

It is comprised of modular wiring harnesses and integrated to the machine. They are installed inside the shield electro-ducts to avoid weather conditions and the direct contact with corrosive products, such as fertiliser, resulting in a longer lifespan.

ADJUSTMENT OF THE APPLICATION RANGE

UP TO **36** metres*

The vanes are adjustable and deliver great spreading uniformity.

* It depends on the product and application speed

Easy to calibrate



Only one funnel for calibration, spreading and drain of the product can provide a faster process.



Variable rate

By means of **Topper 5500**, Hércules 4.0 performs applications with fixed or variable rates. **The greatest advantage of variable rate is application precision, which is indicated by the metering prescription maps. Thus, the machine applies only the necessary in each area, delivering fertiliser savings and higher yields.**

Twin Feedgate System with product flow divider



The Twin Feedgate System allows for the closing of only one side of the hopper, avoiding product application in the areas that have already received the product. Consequently, delivering

SAVINGS OF UP TO 2.58% in fertilisers.

SUPERIOR QUALITY IN SPREADING OPERATIONS COEFFICIENT OF VARIATION 12%*

* It may vary according to the product and weather condition

Stara Spreading App

Agile and assertive calibration of your Stara Spreader.



Conveyor belt

Easy-to-adjust rubber conveyor belt that features a self-centring system. Additionally, it is equipped with carrying idlers that ease the machine operation, avoid overload, and provide higher spreading precision. Its carbon-steel-plate components can provide longer equipment lifespan.

Rear-view camera

It enables the operator to see the twin feedgate operation, besides assisting on machine steering procedures.



TECHNOLOGY

TOPPER 5500 VT

The complete controller for Precision Agriculture, designed and manufactured by Stara. Its touch screen provides efficiency and more interactivity between the machine and operator.

TD3 Auto Steering

A robust and electro-hydraulic system that ensures a shorter response time for operations by using auto steering. As a result, it reduces failures and overlaps. Additionally, it reduces crop damage and allows for the following machine traffic for operations.

CONECTA

It is a remote access service that connects the operator, in real-time, to the After-Sales technician in the Stara factory. The connection is established through Topper. It ensures a fast, efficient and assertive support, providing an agile diagnostic of the issue. **If you need, just connect it! The agile and no cost after-sales available straight to your machine cab.**

TELEMETRIA STARA

The farm in the palm of your hand.

Through this system, you can manage your operations in the crop field in real time. Any device that has Internet access will provide you with.

Signal correction*

It adds the best experience in signal correction, ensuring higher precision in crop field operations. It is recommended for auto steering operations that require path following. It delivers the precision of 2.5 cm**, considerably reducing crop damage losses and overlap. As a consequence, it provides higher operational yield.

** Optional feature*

*** There is no need for base station to repeat the signal. Precision may vary according to the capacity of the receptors and weather conditions.*



LEARN MORE

Position your mobile phone on the QR code to read it and check it out!

Video

See for yourself, Hércules 4.0 spreading quality in the crop field.

Website

Access Hércules 4.0 homepage on Stara website for more information.

Stara Maintenance Program

Your machine ready for operations at all times. Access and learn more.

360° visibility from the machine cab

Spacious, comfortable, an ergonomic. It adds great peripheral view, more comfort and ergonomics for the operator, which eases the command units access.



TECHNICAL SPECIFICATIONS

Hércules 4.0

Empty hopper weight

8,156 kg

Length

7.65 m

Width

3.2 m

Height

3.9 m

Ground clearance:

1.4 m

Load capacity

Up to 4,000 kg or 4 m³

Operation speed

From 8 to 24.5 km/h

Wheel tread width extending

From 2.7 to 3.3 m

Fuel tank

1 tank with 210 litres

Engine

Cummins® electronic engine with 200 cv

Tyres

13.6 R38

Rims

DW12 x 38 - 10 holes

Flow

From 15 to 1,250 kg/ha

(depends on product type and operation speed)

Spinner disks

From 27 to 36 metres

Spreading width

Up to 36 m

Optional features

Smart 4-Wheel-Steering System

Signal correction

Crop row shield for cotton crops



THIS SPACE IS INTENDED FOR DEALERSHIP DATA

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