



# HELIX DUO 1500

Fertilizer and seed spreader



*Fertilizer distributor, seeds and limestone.  
Covering the land/field with productivity.*



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**Spreaders line  
JF, the solution for the farmer!**



# SPREADERS LINE

**JF Helix Duo** is a double disc fertilizer spreader with RotaFlow technology developed for even distribution of granulated fertilizers and seeds with a range from 9 to 24 meters. With capacity up to 1500 liters, its main advantage is to carry the fertilizer/seed gently from the tank until the broadcasting paddles, minimizing fragmentation and providing the most precise distribution in its class, even on sloping fields.

## RotaFlow Technology



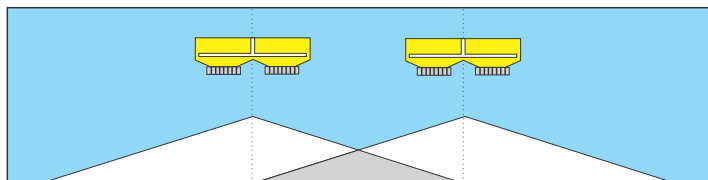
The fertilizer/seeds go through a special chamber where it starts the rotation movement and take it down to the center of the discs. Once there the disc is already rotating and the product

smoothly slides out to the paddle, which applies a gradual acceleration for throwing it perfectly. This system results in less fertilizer/seeds fragmentation, less dust and less wind impact over distribution, differently of conventional systems where the product comes down by gravity to the discs and receive a large impact from the paddles.

### Distribution flow adjustable for lower application rates



### Perfect distribution in flat and sloped lands

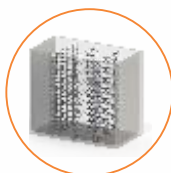


Plain terrain	CV 7%	CV = Coefficient of variation Testing results from an independent institution made in flat and slopping terrains (13 degrees).
Uphill	CV 8,3%	
Slope	CV 6,3%	

## Accessories



Tubes and calibration trays (included)



Fertilizer graduation box to verify the fertilizer quality (included)



Calibration box to check application rate (included)



Deflector plate for distribution to the edges (optional)

**Technical description:** Fertilizer and seed spreader with double disc, 1500 liter hopper capacity, Rotaflow technology, powered by tractor PTO, frame in steel, hopper made of polyethylene, featuring gearbox transmission mechanism by full link gears, distribution range from 9 to 24 meter, flat discs built of stainless steel, calibration system made of carbon steel, adjustable paddles by pins, adjustable distribution to the edges with deflector plate (optional), adjustable distribution flow, distribution system for flat and slopped terrains, dosage doors with hydraulic control, tubes and calibration trays included, fertilizer graduation box included, optional deflector plate, driven by PTO shaft, required power at PTO starting from 30 hp, required revolution at PTO of 540 RPM.

TECHNICAL FEATURES	JF Helix Duo
Power source	tractor PTO
Height	1520mm
Load capacity	1500lt
Lenght	1400mm
Width	2200mm
Working width	9 to 24 meters
Required revolution at PTO	30 cv
Required power at PTO	540 RPM
Capacity <sup>1</sup>	2 to 1007 kg/ha
Weight	423 kg

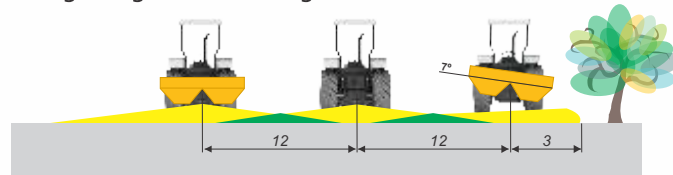
<sup>1</sup>The productivities are average evaluations obtained during test conditions and may vary according to the product humidity degree, specific weight, equipment adjustment and working conditions.

## Advantages

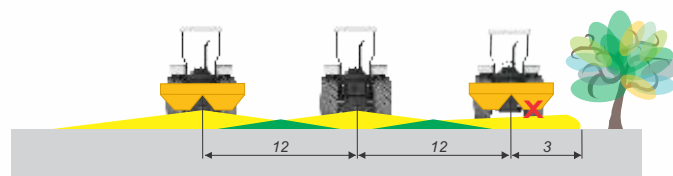
- Gearbox transmission mechanism guarantee a better distribution
- Hydraulic control of rate flow
- Hopper built in polyethylene, free of oxidation and with high capacity;
- Adjustable paddles by pins: easy to handle and no need of additional tools;
- Flat discs made of stainless steel with wide range and precise distribution.

- Two adjustment options for distributing along the edges:

a) Tilting 7 degrees to the edge side



b) Using the optional deflector plate and turning off one disc



The technical data and images are only for guidance purposes. In an effort to provide products that meet customer needs, JF reserves the right to update them at any time without preview notice.

JF Máquinas Agrícolas

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