MS 40-CR, MS 60-CR and MS 100-CR
SOWING / FERTILIZER

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MS 60-CR
Sowing / Fertilizer

The MS 40-CR, MS 60-CR and MS 100-CR developed by IKEDA in partnership with EMBRAPA perform broadcast seeding of seeds, fertilizers and soil correctives and are operated by a 12 V DC motor.

They can be coupled to any vehicle that provides a voltage of 12 V DC, such as tractors (to their bumpers), coupled implements and sprayer bars, enabling, in the same operation, the distribution of supplies.

It is offered in three versions: MS 40-CR, MS 60-CR and MS 100-CR, which differ only in the volume of their seed reservoirs, respectively 40 liters, 60 liters and 100 liters.

MS-CR assembled in the sprinkle bar

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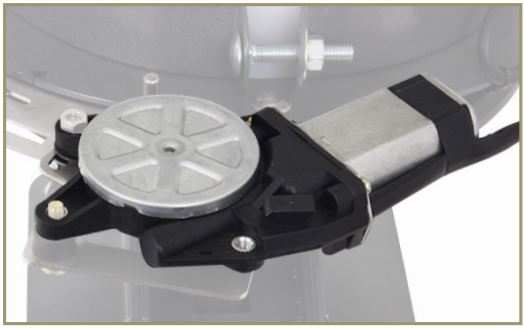
Control Box



Opening/Closing Drive Unit

MS 100-CR on tractor

Main Characteristics:

• Seeds reservoir of 40 liters (MS 40-CR), 60 liters (MS 60-CR) and 100 liters (MS 100-CR).

• Remote Opening and Closing of the Dosing Register. A single switch turns the electrical motor on, opening the register and turns the motor off, closing the register.

• Easy installation in any vehicle.

• The patented shaker, which works with the most varied types of products, ensures the continuous flow of the supplies shaken inside.

• Spreading range adjustment between 3 to 10 meters, through digital adjustment of the electrical motor rotation, with memory of the last adjustment.

• For better coupling to the front bumper of the tractor, a " Backplate T " is offered, which allows its attachment between the front counterweights of the tractor.

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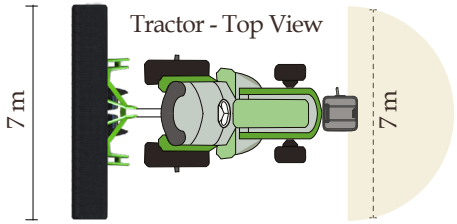
Adjustment of tractor dose

Example of Adjustment 1: Sowing MS 100-CR assembled in front of tractor, pulled a planter or a compacting roller with the width L of 7 meters.

- **Work Width: L = 7 m**
- **Work Speed: V = 4 km/h**
- **Seed dose: D = 5 kg/ha**



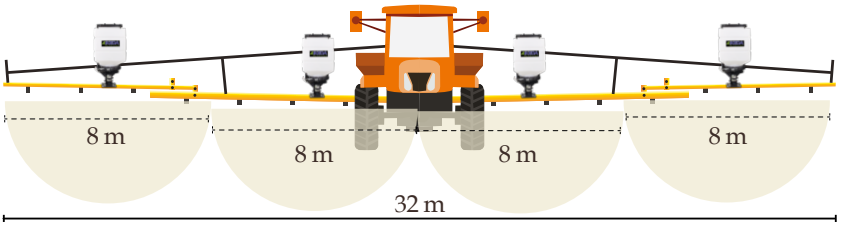
Q = 1,67 x L x V x D → Q = 1,67 x 7 x 4 x 5 → Q = 234 g/min

- Theoretical Yield = 2.8 ha/hour (without maneuver or interruption)
- Autonomy = 10 hectares (approximately 3 hours and a half)

Adjustment of sprinkle dose

Example of Adjustment 2: Four sower MS 60-CR F15 assembled in the sprinkle bar of 32 meters of width.

- **Total Work Width: L = 32 m**
- **Work Width by MS-CR: L = 8 m**
- **Work Speed: V = 10 km/h**
- **Seed dose: D = 7 kg/ha**



Q = 1,67 x L x V x D → Q = 1,67 x 8 x 10 x 7 → Q = 935 g/min

- Theoretical Yield = 32 ha/hour (without maneuver or interruption)
- Autonomy = 17 hectares (approximately 30 minutes)

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