

# FARMDROID



## FARMDROID FD20 FACTSHEET

### AUTOMATIC SEEDING & WEEDING ROBOT

#### A Revolution in Weed Management

FarmDroid FD20 is the world's first fully automatic seeding and weeding robot. By using high precision GPS-seeding, it knows the exact position of each seed, making weeding possible both between the rows and inside the row between the plants.

Compared to other systems FarmDroid FD20 doesn't rely on expensive and complicated camera systems.

FarmDroid FD20 is powered fully by solar energy. The four solar panels on top of the robot power the batteries for the electrical motors. They generate enough power for 18-24 hours of daily operation, depending on weather and working conditions.

We are continually finding new crops to be compatible with the robot. We say: *If we can seed it, we can weed it!*

Sold in more than 21 countries with over 400 machines running worldwide.

Read more at [farmdroid.com](http://farmdroid.com)



Solar powered



Works with 50+ types of crops



CO2 neutral operation



4 - 12 rows.




# FarmDroid FD20

## TECHNICAL SPECIFICATIONS



Model name	FD20
Working width	Up to 3 meters / 118 inches
Daily capacity	6.5 ha / 16 acres
Wheel distance	160-230 cm / 63-90 inches
Max speed highly automated mode	950 m/h / 0.6 mph
Max speed manual mode	1.100 m/h / 0.7 mph
Max recommended pitch for operation	8 % (Depending on soil type, wetness, and general properties)
Max recommended roll for operation	5 % (Depending on soil type, wetness, and general properties)
Seed box capacity	6 litres / 1.6 gallons per seed box
Row distance configurable between	22,5-75 cm / 9-29.5 inches
Tool	Configurable with 4 to 12 active rows and 12 to 4 passive rows
Robot weight	900kg / 2000 lbs
Max allowed extra weight	4 x 35kg / 4 x 77 lb
Max total robot weight	1050kg / 2314 lb
Operating temperature	0-40 degrees Celcius / 32-104 degrees Fahrenheit
Storage temperature	-10-50 degrees Celcius / 4-122 degrees Fahrenheit
Noise level	Below 60 dB (A)
General expected lifetime	More than 10 years for main components following professional maintenance
Compatible crops	More than 50 - See website or ask a sales rep

## CONTACT

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 <https://farmdroid.com>