

mahindra

dewulf

# PLANTINGMASTER POTATO+



High Accuracy Planting

\*Singulation (No Missing, No Doubling)

10 - 20% Increase in Crop Yields\*

Mahindra's PlantingMaster Potato + is an automatic, high Precision Potato Planter designed for professional potato farmers. High accuracy planting, combined with ridges of just the right compaction levels, enable healthy growth of potato tubers which in turn leads to an increase in crop yields and delivers high quality potatoes. \*

\*may differ farm to farm, as reported by farmers who have used our planter.



## Features at glance ●

### Moving floor

Supplies potatoes to the planting belt in a consistent manner. Specially designed grills filter out loose sprouts and soil ensuring continuous operations and singulation.

### Adjustable Ridgers with Top Leveling Plates

Spring loaded top leveling plates, creates the right compaction to the soil for creating ridges that enables optimum supply of air and sunlight for better seed germination.

### Variety of holding cups

Provides versatility for different applications. The same machine, with some modifications can be used in all conditions of planting. Cups of 20 to 60 mm are available for potatoes of all sizes.

### Fertilizer tanks

Stores up to 65 liter of fertilizer in each tank and helps with its proportionate distribution, reducing labour and fertilizer costs.

### Mechanical Vibrator (belt vibrator)

Helps plant a single potato in each go. This increases productivity through efficient singulation.

### Brushes for cup cleaning

Enhances singulation by preventing clogging of cups with dirt and sprouts which increases crop productivity.

### High Depth Furrow Openers

Helps achieve planting depth of up to 9 inches. This enables a higher yield and gives more cubic meter of soil per tuber.

### Adjustable Covering Disk

Helps cover the tuber with soil once planted and ensures its correct position even at high driving speeds.



## Features at glance ●

### Working Mechanism - The Heart of The PlantingMaster Potato+

#### Singulation

The unique parabolic planting tube <sup>(1)</sup> is developed to plant the potato accurately. Specially shaped cups <sup>(2)</sup>, in combination with Mechanical vibrator <sup>(3)</sup>, ensure the accurate singling of the potatoes and misses are prevented.

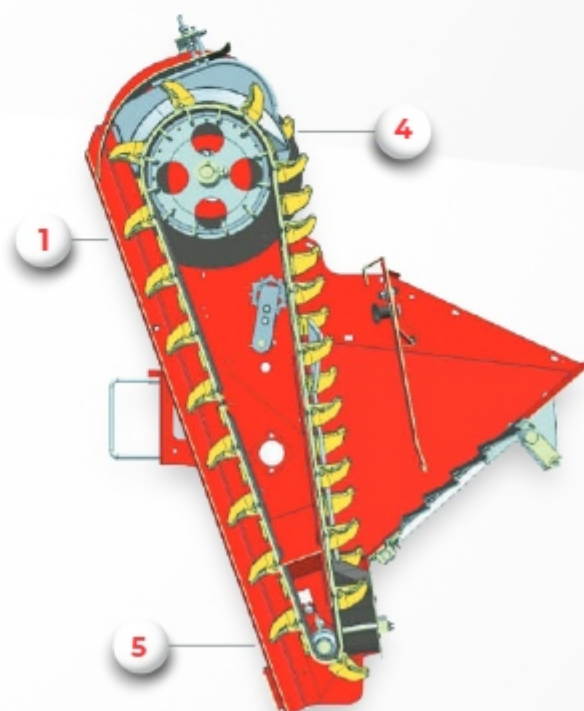
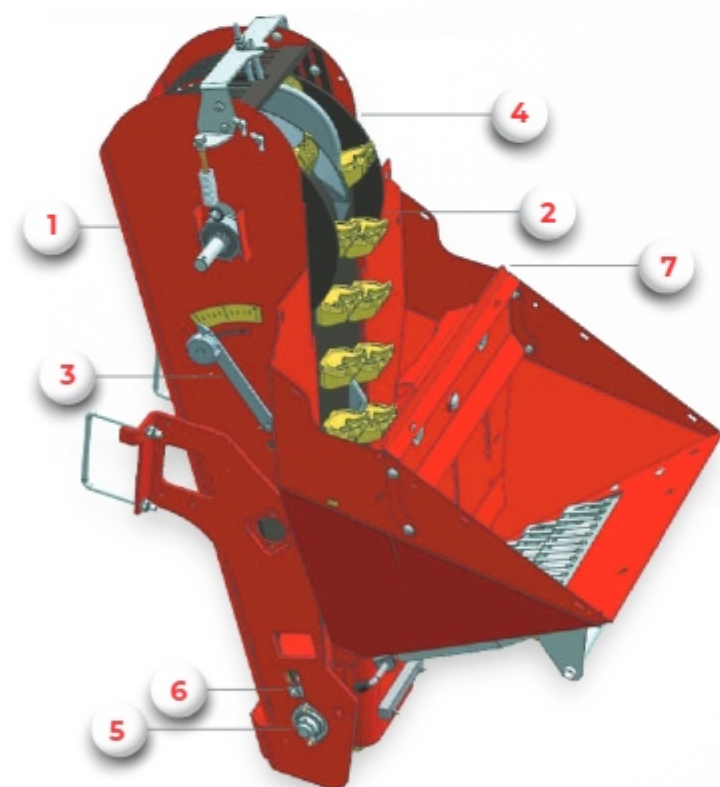
#### Accuracy

The large top roller <sup>(4)</sup> in combination with the parabolic planting tube (1), which is positioned at 20 degrees to vertical plane, provides each tuber the most accurate placement.

Due to the small bottom roller <sup>(5)</sup>, the potato falls accurately in position on seedbed as per the straight/zig-zag furrow opener in use. Scrapper <sup>(6)</sup> ensures the removal of any kind of mud accumulation for continuous operation.

#### No Doubling

Adjustable metallic choke plate <sup>(7)</sup> allows right quantity of potatoes to flow from the bunker to the picking area and avoid doubling of seeds in the cup & overloading of cup belt.

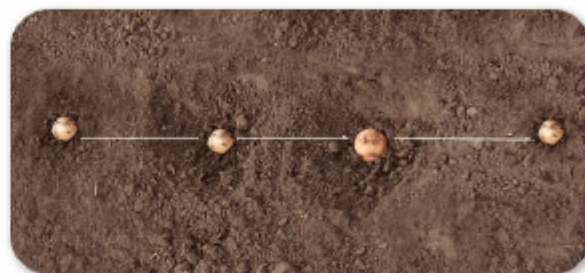




## Select a PlantingMaster Potato + to suit your agronomy practices!

	2-30-Z	2-30-ZF	2-30-SF	2-26-S	2-26-SF	2-24-S	2-24-SF	2-30-ZF(C)
Zig-zag planting	✓	✓				✓		✓
Straight planting			✓	✓	✓		✓	
Fertilizer box		✓	✓		✓		✓	✓
Whole Potato	✓	✓	✓	✓	✓	✓	✓	
Cut potato								✓

## Potato Planting (Zig-Zag and Direct Seeding)



## Technical Specifications

Number of Rows	2
Tractor Connection	Lifted (CAT II)
Hopper Type	Fixed
Hopper Capacity (kg)	Up to 500
Fertilizer Capacity (L)	130
Drive	Mechanical
Planting Capacity at Tractor speed of 3-5 km/h	4000 m <sup>2</sup> /h
Kerb Weight of Machine (kg)	1000
Total Machine Weight (Loaded) (kg)	1624
Row Distance [mm (inch)]	610 (24)
	660 (26)
	710 (28)
	760 (30)

\* Specifications can be changed without notice, due to continuous improvement in product.



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1 year Warranty

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