

mahindra<sup>Rise</sup>

# PlantingMaster PADDY 4RO

*Not Just Comfortable, Economical Too!*

*Precision Transplanting*

*Quicker Transplanting*

*Comfortable & Easy to Operate*

*Lower Costs of Transplanting*



Model	PlantingMaster Paddy 4RO
Driving Type	4WD
Dimensions Overall Dimensions (mm) L x W X H	2715 x 1560 x 1375
Weight (kg)	375
Minimum Ground Clearance (mm)	355
<b>Engine</b>	
Type	Air cooled, 4 cycle OHV Gasoline engine
Total Displacement (L)	269
Output/Number of Revolution (kW/r/min)	5.1/3600 (Max. 5.8/3600)
Fuel Tank Capacity (L)	6
Starting Method	Starter Motor
<b>Drive System</b>	
Wheel Type - Front	Rubber lug (Non - Puncture type)
Wheel Type - Rear	Rubber lug (Non - Puncture type)
Wheel OD x Width - Front (mm)	550 x 46
Wheel OD x Width - Rear (mm)	750 x 90
Transmission Type	Hydrostatic Transmission (HST)
Number of Steps	Forward • Reverse step less speed change (Sub shift 2 steps)
<b>Planting System</b>	
Planter Type	Rotary type
Number of Planting Rows	4
Distance Between Rows (cm)	30
Spacing Between Hills (cm) (Slip ratio 10%)	16, 18, 20, 22
Number of Hills (hill/3.3m <sup>2</sup> ) (Slip ratio 10%)	70, 60, 55, 50
Planting Depth (cm)	2-5 (5 steps)
<b>Number of Seedling Per Stub</b>	
Lateral Feeding (Times)	20 & 26 (2 Steps)
Longitudinal Taking (mm)	8-19 (10 steps)
<b>Seedling</b>	
Type of Seedling	Mat & Tray Type
Leafage and Seedling Height	2.0-3.5 leaves, 8-25 cm
<b>Loadable Number of Seedling (Boxes)</b>	12 (Seedling Tray - 8, spare seedling Tray - 4)
<b>Planting Speed (m/s) (Slip ratio 10%)</b>	0-1.2 (0-1.1)
<b>Driving Speed (m/s)</b>	0-2.6

## Standard Features

- Power Steering
- Roto Puddler
- Hydraulic Sensing
- Smile Turn
- AZ Handle
- Seedling Detection Alarm
- Power Turn Pedal
- Hour Meter
- Horn
- 4 Wheel Brakes
- Back-up



Easy Access to Service



Finance Availability



Easy Access to Spares



1 Year Standard Warranty

Mahindra & Mahindra Ltd., Farm Equipment Sector Farm Division,  
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**PLANTINGMASTER**  
PADDY 4RO

## Features at Glance



### Powerful Petrol Engine

The higher torque enables the rice transplanter to function smoothly in shallow puddled fields in all type of soil conditions.



### Reliable HST Transmission System with 5 Forward & 4 Reverse Speeds

Farmer can vary planting speed as per field condition. This helps him achieve uniformity across the field.

## Features for Precision and Uniformity



### H-Fork & Push Rod Double Action Planting Arrangement

This gives precise planting which is as gentle as manual plantation. This arrangement avoids damage to the young seedlings and major roots.



### 7 Step Auto Sensing for Planting Tray Operation

Seedling tray sensitivity can be adjusted as per puddling state (from soft to hard). This helps farmer maintain an even planting depth across the plot in spite of un-even puddling depth.

## Features that give Flexibility



### Adjustable Hill Spacing

Farmer can adjust plant to plant distance to suit a particular plant variety's agronomy. The seedlings receive adequate air, sunlight and nutrients supply resulting in healthier tillering and root development.



### 5-Step Planting Depth Adjustment

Helps farmer adjust the planting depth as per variety and age of seedling – young to mature seedlings. This results in healthier root development.



### 10 Division Seedling Feed Adjustment

Farmer can adjust density of seedlings per hill depending on crop variety and seedling age. He can ensure optimum seedling consumption per acre and achieve lower mortality rate.



## Features for Comfort and Convenience

### Ride-on Design with 4 Rows

The rice transplanter can cover four lines in one pass, helping operator to cover more transplanting area per day. The ride-on design keeps the operator safe from cuts and wounds that happen if he were to walk in field via manual methods.



### Starter Motor/Key Start Engine

Switching on the rice transplanter is easy, as the operator just has to turn the key to start the rice transplanter.



### Independent Front Wheel Suspensions

Helps operator to easily maneuver the rice transplanter on and off the field.



### 4WD & Power Steering

Operator can easily maneuver the machine in field and specially at headland.



### Smile U Turn

This feature assists the operator while turning in difficult situations. It prevents outer rear wheel from slipping, by equally distributing power to both rear wheels, helping the machine to move forward.



### Safety Transport Handle with Hand Brake (A-Z Handle)

The safety handle gives the operator easy manual control for easy crossing over bunds from one field to another and for safe loading-unloading of machine from carrier. This ensures operator's safety as it prevents the machine from toppling.



### Roto Puddler cum Deweeder

This feature works as deweeder and field leveler. This dual benefit eliminates the need for manpower for levelling of field at headland. This helps you save on additional costs of deweeding during transplanting.

