

LAND PREPARATION



ROTAVATORS



TECHNICAL SPECIFICATIONS

Parameters	1.6 m	1.8 m	2.1 m	2.3 m	2.5 m
Suitable Tractor (kW)	33 - 37	37 - 41	41-45	45-48	48-52
Suitable Tractor (hp)	45-50	50-55	55-60	60-65	65-70
Working Width, plate in to in (mm)	1636	1889	2142	2340	2647
Total Width (mm)	1801	2054	2307	2505	2812
Tilling Width, Blade out to out (mm)	1544	1797	2050	2249	2556
Total Length (mm)	951	951	951	1069	1020
Total Height (mm)	1149	1149	1149	1155	1149
Working Depth (mm)*	100-140	100-140	100-140	100-140	100-140
Number of Blades	36	42	48	54	60
Blade Compatibility	L/C	L/C	L/C	L/C	L/C
Primary Gear Box	Multi Speed	Multi Speed	Multi Speed	Multi Speed	Multi Speed
Side Transmission	Gear Drive	Gear Drive	Gear Drive	Gear Drive	Gear Drive
Weight, Without Propeller Shaft (kg)	438	480	506	570	610
Standard Speed Gears	17/21	17/21	17/21	17/21	17/21

*Depth will differ, depending on soil conditions

Technical specifications are subject to change due to continuous improvements on products.

LAND PREPARATION



CULTIVATORS



TECHNICAL SPECIFICATIONS

Model Name	Profile Cultivator (Heavy Duty)
Tractor Compatibility (kW)	22.3 - 26
Tractor Compatibility (hp)	30 - 35
Number of Tynes	9
Frame (LXBXH) (mm)	72 x 72 x 5
Frame Support	Two
Tynes Thickness (mm)	27
Angle Bracket (mm)	10
Frame Bolt	12 x 100 (MS)
Nut	Nylock
Linkage 3 Point Front (mm)	60 x 16
Rear (mm)	50 x 16
Shelves	Forged
Weight (kg)	205 ± 3%

Technical specifications are subject to change due to continuous improvements on products.

SPRING LOADED CULTIVATOR (ITC-MODEL)



TECHNICAL SPECIFICATIONS

Model Name	Spring Loaded Cultivator (ITC Model)
Tractor Compatibility (kW)	29.8 - 37.2
Tractor Compatibility (hp)	40 - 50
Number of Tynes	9
Frame (LXBXH) (mm)	MS Channel 75 x 40
Frame Support	10
Tynes Thickness (mm)	30
Angle Bracket (mm)	12 x 32 (MS)
Frame Bolt	18 x 65
Nut	Nylock
Linkage 3 Point Front (mm)	65 x 16
Rear (mm)	50 x 16
Shelves	Forged
Weight (kg)	285 ± 2%

Technical specifications are subject to change due to continuous improvements on products.

SOWING AND TRANSPLANTING



MAHINDRA PLANTINGMASTER POTATO+ PRECISION POTATO PLANTER

Mahindra 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.



MAHINDRA MP461

WALK-BEHIND RICE TRANSPLANTER

Manual rice transplantation involves a lot of hard work and also consumes more time. Mechanizing this process will not only remove human drudgery but also do the transplantation faster. Precise transplantation by maintaining plant to plant distance and number of seedlings per hill helps in better weeding and interculture, thus contributing to an overall increase in productivity.



TECHNICAL SPECIFICATIONS

Model	MP461	
Type	4 Rows	
Engine		
Model	MF 168 FB	
Type	Air Cooled, Single Cylinder, 4 Stroke	
Displacement (cm ³)	196	
Rated Output	2.9/1500	(kW / r/min)
	3.9/1500	(hp / r/min)
Fuel	Petrol	
Fuel Tank Capacity (L)	3.5	
Transmission		
Number of Wheel	2	
Wheel Type	Rubber Lug Wheel	
Wheel Diameter	Ø 660	
Number of Speed (mm)	2F + 1R	
Main Clutch	Belt Tension	
Vertical Handle Adjustment	Rotating, Steepleess Adjustment	
Planter		
Planting Depth (cm)	5 Step	
Number of Rows	4	
Distance between Rows (mm)	300	
Planting Pitch (mm)	160, 180, 210	
Seeding Feed Mechanism	Wide Feeder Belt System	
Planting Speed (m/s)	0.4 - 0.84	
Travel Speed on Road (m/s)	1.56	
Dimension		
Overall Length (working)	2270 mm	
Overall Width (working)	1570 mm	
Overall Height (working)	1010/1170 mm	
Weight		
Operating (kg)	192	

MAHINDRA PLANTINGMASTER HM 200 LX

MULTI-CROP TRANSPLANTER

Mahindra PlantingMaster HM 200 LX is a multi-crop semi-automatic tray seedling transplanter. Designed by European experts for Indian farming conditions; it is a labour-saving solution that delivers ultimate transplanting efficiency and planting uniformity.



TECHNICAL SPECIFICATIONS

Model	HM 200 LX	HM 200 LX
Key Variants	LP	LP
Number of Rows	2	2
Dimensions (LxBxH)(mm)	2420 x 2012 x 1940	2420 x 2012 x 1940
Cat Compatibility (CAT I/CAT II)	CAT I/CAT II	CAT I/CAT II
Water Tank Capacity (L)	300	300
Depth of Transplanting (cm)	8 to 15	8 to 15
Compatible Plant Height (cm)	12 to 24	12 to 24
Row to Row Adjustment (mm)	450 to 1740	450 to 1740
Range of Plant to Plant Spacing (cm)	8 to 76	8 to 76
Weight (kg)	502	529
Accessory		
Row Marker	Optional	Standard
Ploughshare S (Cocopeat base 1.5 cm)	Optional	Optional
Ploughshare M (Cocopeat base 3 cm)	Optional	Standard
Ploughshare L (Cocopeat base 4 cm)	Standard	Optional
Ploughshare XL (Cocopeat base 5 cm)	Optional	Optional

*Specifications can be changed without notice due to continuous improvement of the product

HARVESTING



TECHNICAL SPECIFICATIONS

Product	Tractor Mounted Combine Harvester	Tractor Mounted Combine Harvester
Model Name	Mahindra HarvestMaster H12 2WD	Mahindra HarvestMaster H12 4WD
Tractor		
Model	Arjun Novo 605 DI-I	Arjun Novo 605 DI-I / 655 DI
Engine Power (kW)	42	41.56 and 47.80
Engine Power (hp)	approximately 57	approximately 57 and 65
Drive Type	2 WD	4 WD
Cutter Bar Assembly		
Working Width (mm)	3580	3690
Cutting Height (mm)	30-1000	30-1000
Cutter Bar Auger (mm)	Diameter-575 X Width-3540	Diameter-575 X Width-3560
Number of Knife Blades	49	49
Number of Knife Guards	24	24
Knife Stroke (mm)	80	80
Reel Assembly		
Range of Speed at Engine (r/min)		
Minimum r/min	30	30
Maximum r/min	37	37
Reel Diameter (mm)	885	885
Feeder Table Type	Comb & Chain	Comb & Chain
Thresher Mechanism		
Paddy		
Thresher Drum		
Width (mm)	1120	1120
Diameter of Thresher Drum (mm)	592	592
Range of Speed at Engine r/min		
Minimum r/min	600	600
Maximum r/min	800	800
Concave		
Range of Adjusting Clearance	Front (mm) 12 to 30 Rear (mm) 16 to 40	Front (mm) 12 to 30 Rear (mm) 16 to 40
Adjustment	An adjustment lever is provided at RHS of operator for adjusting the clearance	An adjustment lever is provided at RHS of operator for adjusting the clearance
Cleaning Sieves		
Number of Upper Sieves	2	2
Upper Sieve Area (m ²)	1.204/0.705	1.204/0.705

TECHNICAL SPECIFICATIONS

Product	Tractor Mounted Combine Harvester	Tractor Mounted Combine Harvester
Lower Sieve Area (m ²)	1.156	1.156
Straw Walker		
Number of Straw Walkers	5	5
Number of Steps	4	4
Length (mm)	3540	3540
Width (mm)	210	210
Capacity		
Grain Tank (kg)	Paddy: 750 kg	Paddy: 750 kg
Grain Tank (m ³)	1.2	1.9
Tyre		
Front (Drive wheels)	16.9 -28, 12 PR	16.9 -28, 12 PR
Rear (Steering wheels)	7.5-16, 8 PR	9.5-24, 8 PR
Overall Dimensions		
Length with Trailer/without Trailer (mm)	10930 / 6630	11315 / 6630
Width (mm)	2560	2560
Height (mm)	3730	3680
Ground Clearance (mm)	422	380
Mass of Tractor Mounted Combine	6750	6920
Harvester (kg)	1168	1168
Chassis Width (mm)		
Track Width		
Front (mm)	2090	2050
Rear (mm)	1920	2080
Minimum Turning Diameter		
With Brake (m)	7.8 (LH) / 8.0 (RH)	12.1 (LH) / 12.44 (RH)
Without Brake (m)	13.6 (LH) / 13.9 (RH)	16.7 (LH) / 16.9 (RH)