

**mahindra** <sup>Rise</sup>

# Mahindra Power Tiller PT 12 / PT 15



## KEY FEATURES

### **Unique And Attractive Styling**

- TREM III Compliant Durable Engine
- Forced Water Circulation Cooling System for Engine (Unique)
- Superior main bearing cooling jets & Advanced oil filtration systems to keep oil clean and improves durability
- Power Take off for Multipurpose application Suitability (Unique)
- Comfortable Seating System
- Premium Controls, Gear Shifter etc.
- Safety Systems Like Reverse Rotor Lock, Covered moving Parts
- Balanced Machine with Stable Rear Side

# TECHNICAL SPECIFICATIONS

Parameter	MAHINDRA POWER TILLER PT12	MAHINDRA POWER TILLER PT15	Power Tiller 15 hp with self-starter kit
Model	T-700	T-750	T-750
Emission compliance	Trem III compliant	Trem III compliant	Trem III compliant
No of cylinders	One	One	One
Type	Di, horizontal single cylinder	Di, horizontal single cylinder	Di, horizontal single cylinder
Rated power output (hp/kw)	12 / 8.8 ( +/- 10%)	14 / 10.3 ( +/- 10%)	14 / 10.3 ( +/- 10%)
Type of Coolant	K- COOL (50/50 Premix Water Glycol)	K- COOL (50/50 Premix Water Glycol)	K- COOL (50/50 Premix Water Glycol)
Rated RPM	2400	2550	2550
High Idle RPM	2650	2805	2805
Low Idle RPM	1200	1200	1200
Bore x Stroke (mm)	96 x 96	100 x 96	100x96
Displacement (cc)	695	754	754
Max Torque (Nm)	40	45	45
Max Torque RPM	1400	1500	1500
Capacity of Cooling System (Litre) *	4	4	4
Type of Cooling	Water cooled with Forced Circulation, Pressurized radiator Cap	Water cooled with Forced Circulation, Pressurized radiator Cap	Water cooled with Forced Circulation, Pressurized radiator Cap
Engine oil	SAE15W40 CF4	SAE15W40 CF4	SAE15W40 CF4
Engine oil sump capacity (Litre) *	2.1	2.1	2.1
Air cleaner *	Oil Bath Type	Oil Bath Type	Oil Bath Type
Fuel Tank Capacity (Litre) *	8	8	8
Fuel Type	Diesel	Diesel	Diesel
Starting System	Handle Start	Handle Start	Handle Start+keys Start
12V Charging Socket	NA	NA	Yes
<b>Transmission</b>			
Number of Gears	6 Forward + 2 Reverse	6 Forward + 2 Reverse	6 Forward + 2 Reverse
<b>Speed Chart (km/h)</b>			
<b>Low Range</b>			
1st	1.37	1.36	1.36
2nd	2.46	2.47	2.47
3rd	4.0	4.0	4.0
Reverse	1.0	1.0	1.0
<b>High Range</b>			
1st	5.18	5.17	5.17
2nd	9.28	9.37	9.37
3rd	15.07	15.12	15.12
Reverse	3.76	3.75	3.75
Gear box Oil Type	SAE 80 W 90	SAE 80 W 90	SAE 80 W 90
Gear box Oil capacity (Litre) *	7	7	7
Chain Casing Oil Type	SAE 80 W 90	SAE 80 W 90	SAE 80 W 90
Chain Casing Oil (Litre)*	0.5	0.5	0.5
LH Support housing	Grease filled	Grease filled	Grease filled
Type of grease	General Purpose Grease	General Purpose Grease	General Purpose Grease

<b>Main Clutch</b>			
Type	Multiplate clutch	Multiplate clutch	Multiplate clutch
Clutch plate diameter (mm)	160	160	160
Method of operation	By Hand lever on LHS Handle Bar	By Hand lever on LHS Handle Bar	By Hand lever on LHS Handle Bar
<b>Brake</b>			
Parking Brake	Yes, Provided on Clutch Lever	Yes, Provided on Clutch Lever	Yes, Provided on Clutch Lever
Actuation Method	By pulling Clutch Brake Lever towards rearmost position	By pulling Clutch Brake Lever towards rearmost position	By pulling Clutch Brake Lever towards rearmost position
Hydraulic Actuated Transmission Brake	NA	Yes	Yes
<b>Steering</b>			
Type	Independent Dog clutch for each wheel	Independent Dog clutch for each wheel	Independent Dog clutch for each wheel
Actuation	By levers provided on the handle	By levers provided on the handle	By levers provided on the handle
<b>Rotary Tiller</b>			
Number of blades	22	22	22
Type of blades	Hatchet Blade & Straight blade	Hatchet Blade & Straight blade	Hatchet Blade & Straight blade
Side Drive	Chain drive	Chain drive	Chain drive
Rotor Shaft	Removable	Removable	Removable
Bearing Sealing	Special Multi lip seal	Special Multi lip seal	Special Multi lip seal
<b>Overall Dimensions</b>			
Length (mm)	3000	3000	3000
Width (mm)	950	950	950
Height (mm)	1320 (Level surface)	1320 (Level surface)	1320 (Level surface)
Weight (kg)	560	580	580
<b>Tyres</b>			
Drive Tyres	6.00 -12 - Pneumatic, Traction Type	6.00 -12 - Pneumatic, Traction Type	6.00 -12 - Pneumatic, Traction Type
Tail wheel	3.5 - 8.00 Pneumatic	3.5 - 8.00 Pneumatic	3.5 - 8.00 Pneumatic
<b>Seating arrangement</b>			
	Spring Loaded Seat	Spring Loaded Seat	Spring Loaded Seat
<b>Electricals</b>			
Head Lamp	35 w /35 w	35 w /35 w	35 w /35 w
<b>Recommended air pressure</b>			
For Field (kgf/cm2)	1.68	1.68	1.68
For Road (kgf/cm2)	1.54	1.54	1.54
<b>Track Width</b>			
Standard supply condition (mm)	794	794	794
Method of track adjustment)	By reversing wheel Rim By axle hub adjustment With Extensions."	By reversing wheel Rim By axle hub adjustment With Extensions."	By reversing wheel Rim By axle hub adjustment With Extensions."

\* The Machines Billed for Export Purpose /Orders are "Preserved" and Lubricating Oil, Coolant are not supplied with the Machine and needs to be filled Before Use  
 \* The Self Start Machines are Not Supplied with Battery and Needs to be Procured Locally. The Specifications of Battery 12V-65AH- LxWxH - 256x171x225mm

**Address**

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 Farm Division AFS Headquarters, Mahindra Tower,  
 1<sup>st</sup> Floor, Akurli Road, Kandivali (E), Mumbai-400101,  
 India

**Dealer's / Distributor's stamp**

