

GOVERNMENT OF INDIA
CENTRAL FARM MACHINERY TRAINING & TESTING INSTITUTE
MINISTRY OF AGRICULTURAL & FARMERS WELFARE
(DEPARTMENT OF AGRICULTURAL, COOPERATION & FARMERS WELFARE)
TRACTOR NAGAR, P.O. BUDNI (M.P.) 466 445

E-mail : fnti-mp@gov.in
Web site : www.fmttibudni.gov.in

BRIEF TECHNICAL SPECIFICATIONS FOR POWER TILLER
(To be submitted by the Applicant/ Manufacturer to testing Agency in quadruplicate,)

1.0 GENERALDESCRIPTION ABOUT MANUFACTURER/APPLICANT:

- 1.1 Name of power tiller Manufacturer:** :
- Address of Manufacturer :
- Telephone Number (s) :
- Fax Number (s) :
- E mail Address :
- Website :
- Name and Designation of contact person. :
- Telephone Number / E-mail ID of contact person :

1.2 Name of Applicant, if other than manufacturer:

- Address of applicant
- Telephone Number (s)
- Fax Number (s)
- E mail Address
- Website

2.0 BRIEF TECHNICAL SPECIFICATION OF POWER TILLER :

- Make
- Model
- Brand Name
- Type
- Variant(s) if any (please give brief description of variants separately.
- Chassis No.
- Serial Number
- Year of manufacture(attach coding system letter also)
- Max. PTO power, kW @ rpm (declared value)
- Rated PTO power, kW @ rpm (declared value)
- Whether tested in India earlier , If yes, specify
- Name of Test Agency & its test report No. with month and year of issue

Manufacturer/Applicant		Testing Agency CFMT&TI, Budni (M.P.)
Signature :	Make & Model of Power Tiller:	Signature :
Name:		Name:
Designation:		Designation:
Date:		Date:

- 3.0 Engine**
 Make :
 Model :
 Type :
 Serial Number :
 Bore / stroke, mm :
 Capacity,(cc) :
 No. of cylinders :
 Rated engine speed(rpm) :
 Fly up speed, (rpm) :
- 3.1 Air Cleaner:**
 Nos. :
 Location :
 Type :
- 3.2 Cooling System:**
 Type :
 Radiator cap pressure marking, kPa (kgf/cm²) :
- 3.3 Fuel System:**
 Type :
- 3.3.1 Fuel filter(s):**
 Make :
 Type :
 Number(s) :
 Additional filter(s), if any: :
- 3.3.2 Fuel feed pump:**
 Make :
 Type :
 Model / Group Combination No. :
- 3.3.3 Fuel Injection Pump:**
 - Make :
 - Model / Group Combination No. :
 - Type :
 - Serial No. :
- 3.3.4 Governor:**
 - Make :
 - Model/group combination No. :
 - Type :
- 3.3.5 Fuel Injector**
 - Make :
 - Model / Group Combination No. :
 - Type :
 - Nozzle No. :

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- 3.4 Fuel tank:**
 Material :
 Location :
 Capacity (l) :
- 3.5 Lubrication System:**
 Type :
 No. & type of oil filter (s) :
- 3.6 Clutch:**
 Type :
 No. of plate (s) :
- 3.7 Gear box:**
 Make :
 Model & identification no., if any :
 Type :
 No. of arrangements :
 Engine to PTO ratio :
- 3.7.1 No. of gears:**
 - Forward :
 - Reverse :
- 3.7.2 Range of speeds, (kmph):**
 - Forward :
 - Reverse :
- 3.8 Steering:**
 Make :
 Type :
 Steering wheel dia., (mm) :
 Location of steering wheel :
 Minimum turning diameter,(m) :
- 3.9 Wheel equipment & tyres:**
- 3.9.1 Drive wheel**
 Make :
 Tyre size & ply rating :
 Track width ,(mm) :
Recommended tyre pressure kPa (kgf/cm²)
 - For field work :
 - For road work :
 Optional tyre size & ply rating :
- 3.9.2 Tail wheel-Pneumatic (if any)**
 Make :
 Tyre size & ply rating :

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Designation:		Designation:
Date:		Date:

Recommended tyre pressure kPa (kgf/cm²)

- For road work :
- Optional tyre size & ply rating :

3.10 Brakes:

3.10.1 Service brake:

- Type, Mechanical/Hydraulic/Any other(describe briefly) :
- Location :
- Method of operation :

3.10.2 Hand / Parking brake:

- Type and brief description :
- Location :
- Method of operation :

3.11 Electrical system of tractor:

- System voltage,(V) :
- Terminal earthed :

3.11.1 Battery:

- Type :
- Number(s) :
- Capacity and rating :

3.11.2 Generator (Alternator/Dynamo):

- Type :
- Max. output (W) :

3.11.3 Starter:

- Type :
- Max power input, (kW) :

3.11.4 Head Lights:

- Make (Lamp Assy) :
- Numbers :
- Wattage of bulbs(W) & Make :
- Location :
- Colour :

3.11.5 Front:

- Make (Lamp Assy) :
- Number(s) :
- Wattage of bulbs (W) & Make :
- Location :
- Colour :

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Designation:		Designation:
Date:		Date:

- Rear:**
- Make (Lamp Assy) :
 - Number(s) :
 - Wattage of bulbs , (W) & Make :
 - Location :
 - Colour :

3.11.6 Turn indicator light(s):

- Front:**
- Make (Lamp Assy) :
 - Number(s) :
 - Wattage of bulbs (W) & Make :
 - Location :
 - Colour :

- Rear:**
- Make (Lamp Assy) :
 - Number(s) :
 - Wattage of bulbs(W) & Make :
 - Location :
 - Colour :

3.11.7 Brake / stop light:

- Make (Lamp Assy) :
- Number(s) :
- Wattage of bulbs (W)& Make :
- Location :
- Colour :

3.11.8 Plough / work light:

- Make (Lamp Assy) :
- Number(s) :
- Wattage of bulbs (W) & Make :
- Location :
- Colour :

3.11.9 Reflector(s):

- Front:**
- Shape :
 - No.(s) :
 - Location :
 - Colour :

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- Rear:**
- Shape :
- No.(s) :
- Location :
- Colour :
- 3.11.10 Mass, (kg):**
- Unballasted :
- Max permissible Ballasted :
- 3.11.11 Max speed, (kmph) :**
- 3.12 Max grade ability in degrees :**
- 3.13 Seat (s):**
- 3.13.1 Operator's seat:**
- Make :
- Type :
- Location :
- 3.14 Mirror:**
- Type :
- Location :
- 3.15 Wheel base with tail wheel in position (mm) :**

- 3.16 Overall Dimension in travel mode, (mm):**
- Overall length
- Overall width
- Overall height
- Min. ground clearance

Power Tiller	Power Tiller coupled to a recommended trailer

I, ----- of **M/s** ----- hereby declare that information given above in page no. ----- to ----- is as per design / drawings of the prototype / commercial model of power tiller ----- submitted for inspection / test and is complete and correct to the best of my knowledge and belief. I also understand that in case of any information furnished above is found to be not correct or incomplete, then among other actions, the certificate is liable to be cancelled. It is further declared that this machine has never been tested by the any test agency as referred in Rule 126 of CMVR 1989. It is further declared that no application has been submitted to any other agencies as referred in Rule 126 of CMVR 1989.

Manufacturer/Applicant
Signature :

Name:
Designation:
Date:

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Name:		Name:
Designation:		Designation:
Date:		Date: