

## Sub Category :Agricultural machinery for soil preparation- UNSPSC Code 211015

## Power Tiller : UNSPSC Code - 21101517

S.No.	Parameters		Value 1	Value2	Value 3	Value 4	Value 5	Validation	Remarks	U n i t
Specifications										
1	Vehicle Certification No. CFMTTI,BUDHNI/CMVR	Text								
2	Confirmity to IS:13539 (latest) for Selected Performance parameters in Power Tiller for Engine	En	Yes							
3	Engine Capacity	N								cc
4	Vehicle Emission Complaince	En	BS-IV	TREM-III A						
5	Colour of Equipment	Text								
6	Type of Engine	En								
7	Type of Fuel	En	Diesel	Petrol						
8	Engine cooling system	En	Air cooled							
9	Bore	N								
10	Stroke	N								
11	Max BHP	N	<=20							HP
12	Rated RPM at max BHP	N								rpm
13	Max Torque	N								N-m
14	Rated RPM at max Torque	N								rpm
15	Engine Aspiration System	En	Naturally							
16	Governor	En	Yes	No						
17	If Yes, type of governor used	Text								
18	Starting system	En	Hand Cracking	Electric self start						
19	Battery voltage	N	12							V
20	Std Pulley Dia	N							remove	mm
21	Kerb Weight	N								Kg
22	Gross Vehicle Weight	N								Kg
23	Fuel Tank Capacity	N								Ltr
24	Type of Air Cleaner	En	Singlestage	Multistage						
25	Type of transmission	En	Side drive rotary							

S.No.	Parameters		Value 1	Value2	Value 3	Value 4	Value 5	Validation	Remarks	U n i t
26	Number of forward/speed gears	N	<=6							
27	Number of reverse gears	N	<=2							
28	Turning radius	N								mm
29	Type of Brakes	Text								
30	Type of Clutch	Text								
31	Tilling width	N	<=1000							mm
32	Tilling depth (With tail wheel)	N	<=1300							mm
33	Tilling depth (Without tail wheel)									
34	Plough depth	N	<=250							mm
35	Specific Fuel Consumption	N								gm/kWhr
36	Wheel base	N								mm
37	Drive Wheel (6 Ply rating, traction type)	En	Yes							
38	Tail Wheel (6 Ply rating, non-traction type)	En	Yes	No						
39	Size of Drive Wheel	Text								
40	Size of Tail Wheel	Text								
41	Side Power Takeoff @ Engine rated RPM	N	<=1200							rpm
42	Length of Equipment	N								mm
43	Width of Equipment	N								mm
44	Height of Equipment	N								mm
45	Wheel width	N	650-800							mm
46	Warranty Time (Month)	N								months

**Prepared**  
Ranit Haldar, TA

**Checked**  
Gita Pandey, AD

**Moderator**  
YK Pathak, DCEO

**Approvers**  
KC Jha, ACEO/AK Kamra, ACEO