



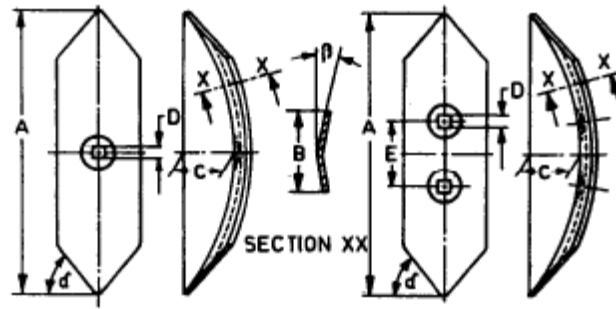
**Farm Machinery Testing and Training Centre**  
Department of Farm Machinery and Power  
College of Agricultural Engineering and Technology  
**DR. PANJABRAO DESHMUKH KRISHI VIDYAPEETH**  
AKOLA- 444 104 (MS)



*E-mail: [fmtt28@gmail.com](mailto:fmtt28@gmail.com)*

**SPECIFICATION SHEET OF MANUAL OPERATED SEED DRILL**

<b>1</b>	<b>General:</b>																																														
	a) Name	:																																													
	b) Type	:																																													
	c) Make	:																																													
	d) Serial	:																																													
	e) Model	:																																													
	f) Year of manufacture	:																																													
	g) Different Seeds which the drill is designed to sow	:																																													
	h) Source of power	:																																													
	i) Recommended travelling speed of the drill	:																																													
<b>2</b>	<b>Constructional Details</b>																																														
<b>3</b>	<b>Furrow openers:</b>																																														
	a) Type and tilt angle with respect to vertical	:																																													
<b>3.1</b>	<b>Annexure A: Specification of furrow opener as per IS 6813: 2000</b>																																														
	<p><b>Table 2 Dimensions of Reversible Shovel</b> (Clause B-2.1.2)</p> <table border="1" style="margin-left: auto; margin-right: auto;"><thead><tr><th>Sl No.</th><th>A ±2 mm</th><th>B ±2 mm</th><th>C ±1 mm</th><th>D ±0.5 mm</th><th>E ±0.5 mm</th><th>α ±5 deg</th><th>β deg</th></tr><tr><th>(1)</th><th>(2)</th><th>(3)</th><th>(4)</th><th>(5)</th><th>(6)</th><th>(7)</th><th>(8)</th></tr></thead><tbody><tr><td>i)</td><td>150</td><td>35</td><td>25</td><td rowspan="6" style="vertical-align: middle;">11.5</td><td rowspan="6" style="vertical-align: middle;">45</td><td rowspan="6" style="vertical-align: middle;">45</td><td rowspan="6" style="vertical-align: middle;">10 to 20</td></tr><tr><td>ii)</td><td>150</td><td>45</td><td>25</td></tr><tr><td>iii)</td><td>170</td><td>35</td><td>30</td></tr><tr><td>iv)</td><td>170</td><td>45</td><td>30</td></tr><tr><td>v)</td><td>180</td><td>35</td><td>30</td></tr><tr><td>vi)</td><td>180</td><td>45</td><td>30</td></tr></tbody></table>			Sl No.	A ±2 mm	B ±2 mm	C ±1 mm	D ±0.5 mm	E ±0.5 mm	α ±5 deg	β deg	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	i)	150	35	25	11.5	45	45	10 to 20	ii)	150	45	25	iii)	170	35	30	iv)	170	45	30	v)	180	35	30	vi)	180	45	30
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	b) No. of openers		
	c) Arrangement of opener	:	
	d) Method of changing row space and range	:	
	e) Nominal width (cm)	:	
	f) Lifting and lowering of openers	:	
	g) Depth control	:	
<b>4</b>	<b>METERING MECHANISM:</b>		
	Seed metering device:		
	i) Type	:	
	ii) Size of feed shaft (mm)	:	
	iii) Size (dia.) and number of plate type metering mechanism, the number of holes	:	
	iv) Source of power	:	
	v) Transmission ratio of shaft of seed metering device to land wheel axle	:	
	vi) Type of agitator	:	
	vii) Method of feed rate control for different seeds	:	
	viii) Provision for closing seed discharge.	:	
<b>5</b>	<b>Hopper:</b>		
	a) Seed hopper		
	i) Capacity (Kg)	:	
	ii) Type of hoppers	:	
	iii) Sub hopper	:	
<b>6</b>	<b>Marker details:</b>		
<b>7</b>	<b>Seed covering arrangement</b>		

	Type	:		
<b>8</b>	<b>Type of hitch and its details:</b>			
	Type	:		
	Material & Size of beam (mm)	:		
<b>9</b>	<b>Ground drive details:</b>			
	a) No. of wheels	:		
	b) Type of wheel	:		
	c) Size (mm)	:		
	d) Method of transmitting power to feed shafts	:		
<b>10</b>	<b>Details of adjustments:</b>			
<b>Sl. No.</b>	<b>Adjustments</b>	<b>Method</b>		
1	Feed rate			
2	Spacing of furrow openers			
3	Depth of Planting			
4	Drive wheel height			
5	Reduction ratio of drive mechanism			
<b>11</b>	<b>Details of safety arrangement for rotating parts</b>	:		
<b>4.11</b>	<b>Overall dimensions (mm):</b>			
	a) Length	:		
	b) Width	:		
	c) Height	:		
	d) Weight (kg)	:		
	e) Ground clearance	:		
	f) Color	:		
<b>4.12</b>	<b>Number of greasing points</b>	:		
<b>4.13</b>	<b>Details of material of construction:</b>			
	Sl. No.	Name of part	Material	Section or Size in mm
	1	Toolbar		
	2	Beam		
	3	Feed shafts		
	4	Seed box		
	5	Sub hopper		
	6	Sliding baffle		
	7	Tyne/Seed Tube		
	8	Bush		
	9	Gears		
	10	Handle		

Place:  
Date:

Signature : \_\_\_\_\_

Name : \_\_\_\_\_

Designation: \_\_\_\_\_