



**Farm Machinery Testing and Training Centre**  
**Department of Farm Power and Machinery**  
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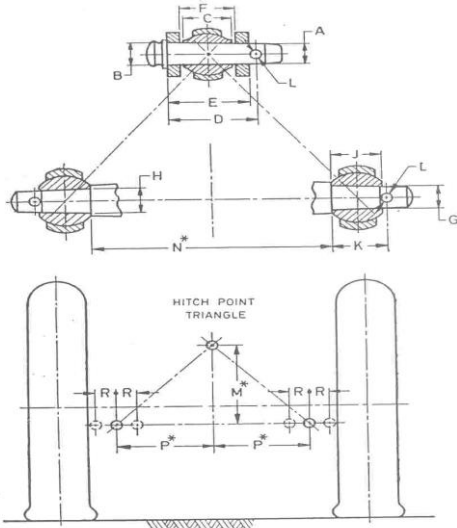


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**SPECIFICATION SHEET OF CULTIVATOR (TRACTOR DRAWN)**

<b>1</b>	<b>General</b>		
	Name of manufacturer	:	
	Name of machine	:	
	Type	:	
	Make	:	
	Model	:	
	Serial No	:	
	Size, mm	:	
	Year of Manufacture	:	
	Recommended power source	:	
	Power source used, kW	:	
<b>2</b>	<b>Constructional details</b>		
	Main frame details	:	
<b>3</b>	<b>Tyne</b>		
	No. of tynes		
	Type	:	
	Arrangement of main frame	:	
	Material	:	
	Projected length/ Curved length mm	:	
	Width at top/bottom, mm	:	

	Number & size of holes on each tyne for fixing shovel, (mm)	:			
	Centre to centre distance between the holes, (mm)	:			
	No; type and size of bolts for tightening shovel to the tyne, (mm)	:			
	Method of fixing	:			
<b>4</b>	<b>Shovel</b>				
	No. of Shovel	:			
	Type	:			
	Material	:			
	No & size of holes on each shovel for fixing to tyne, mm	:			
	Hole spacing, mm	:			
	Method of fixing	:			
<b>5</b>	<b>Sweep</b>				
	No. of sweep (duck foot)	:			
	Type	:			
	Material	:			
	Thickness, mm	:			
	Method of fixing	:			
	Bevel cutting edge, mm	:			
<b>6</b>	<b>Hitch Pyramid as per IS</b>				
	<b>Sr. No.</b>	<b>Notations</b>	<b>As per Is: 4468-2001 (Cat-I/Cat-II), mm</b>	<b>As measured, mm</b>	<b>Remarks</b>
	<b>I</b>	<b>Upper hitch point</b>			
	a)	Diameter of hitch pin (A)	18.92 to 19.00/ 25.37 to 25.50		
	b)	Diameter of hitch pin hole (B)	19.3 to 19.5/ 25.70 to 25.91		
	c)	Linch pin hole distance (D)	76/93 (Min.)		
	d)	Width between outer faces of yoke (E)	69/86 (Max.)		
	e)	Width between inner faces of yoke (F)	44.5/52 (min)		
	<b>II</b>	<b>Lower hitch points</b>			
	a)	Diameter of hitch pin	21.80 to 22.01/ 27.8 to 28.0		

	b)	Diameter of hitch pin hole (H)	22.40 to 22.65/ 28.70 to 29.00		
	c)	Linch pin hole distance (K)	39/49 (Min.)		
	<b>III</b>	<b>Diameter of linch pin hole</b>			
	a)	Upper hitch pin (L)	12/12 (min.)		
	b)	Lower hitch pin (L)	12/12 (min.)		
	<b>IV</b>	<b>Mast height (M)</b>	458.5 to 461.5/ 608.5 to 611.5		
	<b>V</b>	<b>Lower hitch point spans (N)</b>	681.5 to 684.5/ 823.5 to 826.5		
	 <p style="text-align: center;"><b>Fig. 1 Specifications of hitch pyramid</b></p>				
<b>7</b>	Overall dimensions, (LXBXH) mm		:		
<b>8</b>	Operational mass, Kg		:		
<b>9</b>	Colour of implement		:		

Place:

Date:

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

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

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