



भारत सरकार / Government of India

उत्तरी क्षेत्र कृषि मशीनरी प्रशिक्षण एवं परीक्षण संस्थान / Northern Region Farm Machinery Training and Testing Institute

ट्रैक्टर नगर, सिरसारोड, हिसार / Tractor Nagar, Sirsa Road, Hisar (Haryana)- 125 001

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[ISO - 9001 : 2015 CERTIFIED]

TECHNICAL SPECIFICATIONS FOR LASER LAND LEVELER

1.1	General:		
	Name & address of manufacturer	:	
	Name & address of applicant	:	
	Name of Implement	:	
	Type	:	
	Make	:	
	Model	:	
	Year of manufacture	:	
	Recommended capacity of tractor	:	
	Type of blade	:	
	Working width of implement, mm	:	
	Country of origin	:	
1.2	Prime Mover (Details as per labeling plate):		
	Make & Model of Tractor	:	
	Engine No.	:	
	Chassis No.	:	
	Max. P.T.O. power, kW	:	
	S.F.C., g/kWh	:	
1.3	Chassis/Main frame:		
	Type	:	
	Material & Size, mm	:	
	Dimensions, mm	:	
	Type of mounting	:	
1.3.1	Side Support Plate:		
	Type	:	
	Thickness of plate, mm	:	
	Method of fixing	:	
1.3.2	Blade:		
	Type	:	
	Material	:	
	Size of blade, mm:		
	-Length	:	
	-Width	:	

Name of the Manufacturer/ Applicant	Document No, if any Revision status	Name of the Test Agency: NRFMTTI, Hisar
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	Thickness	:	
	Method of fixing	:	
	Provision for bevel edge	:	
	Provision for raising drag bucket & transport mechanism	:	
	Hydraulic ram cylinder travel length, mm	:	
1.3.3	Soil carrying drag bucket frame:		
	Type	:	
	Thickness of plate, mm	:	
	Size of plate, mm:		
	-Length	:	
	-Peripheral width	:	
	Method of mounting drag bucket support beam	:	
	Type of beam	:	
1.4	Toeing Mechanism:		
	Type & material	:	
1.4.1	Toe Beam:		
	Type	:	
	Material & Size, mm	:	
	Method of fixing	:	
1.4.2	Toe Hook:		
	Type	:	
	Specification	:	
1.5	Receiver Mounting Unit:		
1.5.1	Receiver Column:		
	Type	:	
	Size, mm :		
	-Length (Maximum & Minimum)	:	
	-Diameter	:	
	Method of height adjustment & depth control	:	
1.5.2	Mast:		
	Type	:	
1.6	Transport Mechanism:		
	Type	:	
	Dia. of axle, mm	:	
	Method of fixing	:	
1.6.1	Transport Wheel:		
	Type	:	
	Make, size and ply rating	:	
	Number	:	
	Method of arrangement	:	

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1.7	Electronic Equipment:		
1.7.1	Control Box:		
	Make	:	
	Model	:	
	Sr. No.	:	
	Year of manufacture	:	
	Country of origin	:	
	Power, W	:	
1.7.2	Transmitter:		
	Make	:	
	Model	:	
	Sr. No./Identification No.	:	
1.7.3	Receiver:		
	Make	:	
	Model	:	
	Sr. No. /Identification No.	:	
1.7.4	Hydraulic Direction Control Valve Unit:		
	Make	:	
	Model	:	
	Location	:	
1.7.5	Battery:		
	Make	:	
	Model	:	
	Capacity (AH)	:	
	Sr. No.	:	
1.7.6	AC-DC Charging adaptor:		
	Make	:	
	Number	:	
	Input	:	
	Output	:	
1.8	Overall Dimensions, mm:		
	-Length	:	
	-Width	:	
	-Height	:	
1.9	Mass, kg	:	
1.10	Accessories:		
1.10.1	Tripod	:	
1.10.2	Connection/cables	:	
1.10.3	Survey scale	:	
1.10.4	Eye receiver	:	
1.10.5	Remote	:	
1.10.6	Stand	:	

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1.11	Colour of bucket assembly	:	
1.12	Labeling Plate:		

Date:

Place:

Signature:

Name of signatory:

Designation:

Name & address of firm:

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