



कस्टम हायरिङ्ग सेन्टर स्थापना र
संचालनको लागि मागं भएका कृषि
यन्त्र उपकरणहरुको स्वीकृत
प्राविधिक स्पेशिफिकेसन



Technical Specification of Tractor for 45 HP to 50 HP

Items(Parts)	Particulars	Required Specifications	Offered Specification
Tractor	Brand/ Model		
	Mfg. Year/Country of Origin:		
Engine	Type	4 Stroke, Direct Injection, Diesel Engine	
	No. of Cylinder	Not less than 3	
	HP Category	Not less than 45 HP	
	Displacement	At least 2700 CC	
	Cooling	Water Cooled	
	Fuel injection pump	Inline Type	
	Air Cleaner	Dry/Oil Bath Type Air Cleaner	
Transmission	Cooling System	Water Cooled	
	Type	Heavy Duty Sliding/constant Mesh	
	Clutch	Dual Clutch	
	Gear Box	At least 8 forward and 2 reverse	
	Battery	At least 12 V 80 Ah	
	Road Max. Forward Speed	Minimum 30 km/hr	
Brake	Road Max. Reverse speed	Minimum 13 km/hr	
	Brake	Water Sealed Oil Brake	
Steering	Type	Mechanical/Power Steering	
Power Take Off	Type	Independent	
	RPM	540 RPM	
Fuel Tank	Capacity	Not less than 45 lit	
Dimensions and Weight of Tractor	Total Weight	Not less than 1800 Kg	
	Wheel Base	At least 1900 mm	
	Ground Clearance	Not less than 400mm (at Rear Wheel)	
Hydraulics	Lifting capacities	Minimum 1500 kgf (kilogram-force)	
	Linkage	3-point Linkage	
Wheels and Tyres	Wheel Drive	2 Wheel Drive	
	Front	Standard	
	Rear	Standard	



Technical Specification of Tractor for 45 HP to 50 HP

Accessories	Tools Set	Yes	
	Toplink	Yes	
	Canopy (Hood)	Yes	
	Hooks	Yes	
	Bumper	Yes	
	Drawbar	Yes	
	Front Weight	Yes	
	Additional Features	Laser land leveler connector, Mobile Charger, Asli Side Shift, Auxiliary Hydraulic	
Instrumentation	Hour and rpm meter, oil pressure gauge, water temperature gauge, ammeter etc.		
	Warranty	Not less than two years/2000hrs free for both parts and services	
	Others	Home service if necessary and Catalogues of the original Manufacturer should be submitted	

Technical Specification of Tractor for 50 HP to 55 HP

Items(Parts)	Particulars	Required Specifications	Offered Specification
Tractor	Brand/ Model		
	Mfg. Year/Country of Origin:		
Engine	Type	4 Stroke, Direct Injection, Diesel Engine	
	No. of Cylinder	Not less than 3	
	HP Category	Not less than 50 HP	
	Displacement	At least 2700 CC	
	Cooling	Water Cooled	
	Fuel injection pump	Inline Type/ rotary pump	
	Air Cleaner	Dry/Oil Bath Type Air Cleaner	
	Cooling System	Water Cooled	
	Type	Heavy Duty Sliding/constant Mesh	
	Clutch	Dual Clutch	
	Gear Box	At least 8 forward and 2 reverse	



Technical Specification of Tractor for 45 HP to 50 HP

Transmission	<i>Battery</i>	<i>At least 12 V 80 Ah</i>	
	<i>Road Max. Forward Speed</i>	<i>Minimum 30 km/hr</i>	
	<i>Road Max. Reverse speed</i>	<i>Minimum 12 km/hr</i>	
Brake	<i>Brake</i>	<i>Water Sealed Oil Brake</i>	
Steering	<i>Type</i>	<i>Mechanical/Power Steering</i>	
Power Take Off	<i>Type</i>	<i>Independent</i>	
	<i>RPM</i>	<i>540 RPM</i>	
Fuel Tank	<i>Capacity</i>	<i>Not less than 55 lit</i>	
Dimensions and Weight of Tractor	<i>Total Weight</i>	<i>Not less than 2000 Kg</i>	
	<i>Wheel Base</i>	<i>At least 1900 mm</i>	
	<i>Ground Clearance</i>	<i>Not less than 400mm (at Rear Wheel)</i>	
Hydraulics	<i>Lifting capacities</i>	<i>Minimum 1700 kgf (kilogram-force)</i>	
	<i>Linkage</i>	<i>3-point Linkage</i>	
Wheels and Tyres	<i>Wheel Drive</i>	<i>2 Wheel Drive</i>	
	<i>Front</i>	<i>Standard</i>	
	<i>Rear</i>	<i>Standard</i>	
Accessories	<i>Tools Set</i>	<i>Yes</i>	
	<i>Toplink</i>	<i>Yes</i>	
	<i>Canopy (Hood)</i>	<i>Yes</i>	
	<i>Hooks</i>	<i>Yes</i>	
	<i>Bumper</i>	<i>Yes</i>	
	<i>Drawbar</i>	<i>Yes</i>	
	<i>Front Weight</i>	<i>Yes</i>	
	<i>Additional Features</i>	<i>Laser and leveler connector, Mobile Charger, Asli Side Shift, Auxiliary Hydraulic</i>	
	<i>Instrumentation</i>	<i>Hour and rpm meter, oil pressure gauge, water temperature gauge, ammeter etc.</i>	
	<i>Warranty</i>	<i>Not less than two years/2000hrs free for both parts and services</i>	



Technical Specification of Tractor for 45 HP to 50 HP

	Others	Home service if necessary and Catalogues of the original Manufacturer should be submitted	
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Technical Specification of Tractor for 55 HP to 60 HP

Items(Parts)	Particulars	Required Specifications	Offered Specification
Tractor	Brand/ Model		
	Mfg. Year/Country of Origin:		
Engine	Type	4 Stroke, Direct Injection, Diesel Engine	
	No. of Cylinder	Not less than 3	
	HP Category	Not less than 55 HP	
	Displacement	At least 2700 CC	
	Cooling	Water Cooled	
	Fuel injection pump	Inline Type/ rotary pump	
	Air Cleaner	Dry/Oil Bath Type Air Cleaner	
Transmission	Cooling System	Water Cooled / Intercooler	
	Type	Heavy Duty Sliding/constant Mesh/ synchromesh	
	Clutch	Dual Clutch	
	Gear Box	At least 8 forward and 2 reverse	
	Battery	At least 12 V 80 Ah	
	Road Max. Forward Speed	Minimum 30 km/hr	
Brake	Road Max. Reverse speed	Minimum 12 km/hr	
	Brake	Water Sealed Oil Brake/ OIB	
Steering	Type	Mechanical/Power Steering	
Power Take Off	Type	Independent	
	RPM	540 RPM	
Fuel Tank	Capacity	Not less than 60 lit	
	Total Weight	Not less than 2100 Kg	
Dimensions and Weight of Tractor	Wheel Base	At least 2000 mm	
	Ground Clearance	Not less than 425mm (at Rear Wheel)	



Technical Specification of Tractor for 45 HP to 50 HP

Hydraulics	<i>Lifting capacities</i>	<i>Minimum 1800 kgf (kilogram-force)</i>	
	<i>Linkage</i>	<i>3-point Linkage</i>	
Wheels and Tyres	<i>Wheel Drive</i>	<i>2Wheel Drive/ 4Wheel Drive</i>	
	<i>Front</i>	<i>Standard</i>	
	<i>Rear</i>	<i>Standard</i>	
Accessories	<i>Tools Set</i>	<i>Yes</i>	
	<i>Toplink</i>	<i>Yes</i>	
	<i>Canopy (Hood)</i>	<i>Yes</i>	
	<i>Hooks</i>	<i>Yes</i>	
	<i>Bumper</i>	<i>Yes</i>	
	<i>Drawbar</i>	<i>Yes</i>	
	<i>Front Weight</i>	<i>Yes</i>	
	<i>Additional Features</i>	<i>Laser land leveler connector, Mobile Charger, Asli Side Shift, Auxiliary Hydraulic</i>	
	<i>Instrumentation</i>	<i>Hour and rpm meter, oil pressure gauge, water temperature gauge, ammeter etc.</i>	
	<i>Warranty</i>	<i>Not less than two years/2000hrs free for both parts and services</i>	
	<i>Others</i>	<i>Home service if necessary and Catalogues of the original Manufacturer should be submitted</i>	

Technical Specification of Two Wheel Power Tiller

S.N.	Description	Required Specifications	Offered Specifications
1	Engine Model		
2	Engine Type	Four stroke, water cooled, Horizontal, single cylinder, Diesel Engine	
3	Engine power	Specification	
4	No. of Gear speed	6 Forward + 2 Reverse	
5	No. of blades	20	
6	Cooled system	Radiator	
7	Weight	390kg	
8	Overall dimension(mm)	2680*960*1250	
9	Wheel tread (mm)	800, 740, 640, 580	
10	Tyre	6.00-12	



Technical Specification of Tractor for 45 HP to 50 HP

11	Ground clearance (mm)	182	
12	Clutch type	Two-disc. Constant-contact, friction	
13	Fuel consumption (liter/hr)	1.2-1.5	

Technical Specification of Mini Tiller

S.N.	Description	Required Specifications	Offered Specifications
1	Engine Model		
2	Engine Type	Single cylinder, Air cooled, Diesel engine	
3	Engine power	9 HP @3000-4000 rpm	
4	Starting	Recoil type (Manual), Handle and self type	
5	Fuel tank capacity (L)	4 -5 liter	
6	No. of Gear speed	3 (2 forward +1 reverse)	
7	No. of blade	38	
8	Cooled system	Air cooled	
9	Weight	125 -150 kg	
10	Overall dimension (mm)	1750*1350*900	
11	Handle Adjust	Horizontal and Vertical	
12	Tyre	4.00- 8, 2 ply	
13	Clutch type	Wet friction plate	
14	Fuel consumption (lt/hr)	0.6- 1	

Technical Specification of Laser land leveler

S. No.	Description	Specification	Offered Specification
1	Model		
2	Width of Blade	6 feet (1825 mm), 7 feet (2100 mm)	
3	Bucket Height	2 feet (600 mm)	
4	Overall Length	11.5 feet (3350), 12.0 feet (3650)	
5	Over all Height	8 feet (2430mm)	
6	Weight	770Kg./810Kg.	
7	Ground Clearance	10 (250mm)	

TECHNICAL SPECIFICATION OF RICE TRANSPLANTER



S.N	Description	Required Specifications	Offered Specifications
1	Number of Transplanting Rows	4	
2	Row Spacing	23 cm/ Adjustable	
3	Rated Power	Not less than 3 KW (4HP)	
4	Displacement	At least 269 cc	
5	Fuel Consumption	0.5- 1 liter/hr	
6	Output Performance	Minimum 0.4 ha/4.5 hr	
7	Engine Type	4-stroke	
8	Fuel Used	Diesel	
9	Speed	At least 2600 RPM	
10	Depth	At least 45 mm	
11	Gear Teeth		
12	Type of Operation	Ride-on	
13	Weight of the Machine	Not less than 300 kg	
14	Fuel Tank Capacity	Not less than 4.5 L	

Technical Specification of Paddy Thresher

S.N.	Particulars	Required Specifications	Offered Specifications
1	Brand		
2	Model		
3	Thresher Operation Type	Tractor operated	
4	Suitability of Power Source	35- 55 HP	
5	Capacity	Minimum 2500 kg/hr	
6	Material	Mild Steel	
7	Threshing Drum:		
	Thickness	At least 3.0mm	
	Type of Drum	Cylindrical	
	Dia. Of Drum	At least 595mm	
	Total length of Drum	At least 1810mm	
	Size of Pegs	37*7*120 mm	
8	Shaft:		
	Dia. Of Shaft	At least 61.0 mm	
	Material used for Shaft	M.S. Rod	
9	Outlet:		
	size of Outlet	352* 310mm	
	Weight of Thresher	>= 1350.0 kg	
10	Warranty	Minimum 2 yrs	

Technical Specification of Wheat Thresher

Description	Required Specifications	Offered Specifications
Threshing Drum Diameter	At least 600 mm	



Width	At least 915 mm	
No. of Blades		
Cylinder	At least 24 bars tooth	
Sieves	At least 2	
BLOWER		
No. of Blower	At least 2	
Speed	Fixed	
LOAD WHEEL		
Weight(Approx.)	100 Kg	
OVERALL DIMENSION		
Length	Minimum 4000 mm	
Width	Minimum 1550 mm	
Height	Minimum 2200 mm	
Weight	Approx. 1150 Kg	
Threshing Efficiency	Above 94%	
Cleaning Efficiency	94-99.9%	
Capacity	Minimum 2000 kg/hr	
Warranty	Minimum 2 yrs	

Technical Specification of Maize Sheller

Description	Required Specifications	Offered Specifications
Electric motor power	1HP to 5HP	
Capacity	At least 100 kg/ Hour	
Operation Mode	Semi-Automatic	
Electricity Connection	Single Phase	
Material of Construction(Contact)	MS	

Technical Specification of Multicrop Thresher

Description	Required Specifications	Offered Specifications
Function	Multi Crop	
Power Required	Above 35 HP	
Capacity	Minimum 2000 Kg/hr	
Usage/Application	Agriculture	
Material	Mild Steel	
Threshing Drum		
Width	Minimum 900 mm	
Length	Minimum 760 mm	
No. of Round cutting blade	At least 3	
Thickness	At least 3mm	
Main Shaft	At least 70 mm	
Warranty	Minimum 2 yrs	



Technical Specification of Rotavator:

S. No.	Description	Required Specification	Offered Specification
1	Brand/Model		
2	Size	6 feet	
3	Gear box	Multi Speed	
4	Side Drive	Gear Drive	
5	Total Width	Not less than 80 inches	
6	Working Width	Not less than 75 inches	
7	Working Depth	4 to 6 inch	
8	Working Depth Control	Skid Fitted as Standard	
9	PTO Speed	450 to 1000 rpm	
10	Number of blades	42 to 54 (L-Shaped)	
11	Product should be Painted by	Powder coated heat paint	
12	Blades Material	Brown Steel	
13	Warranty	At least one year	
14	Others	Catalogues of the original Manufacturer should be submitted	

Technical Specification of ZTD Seed cum Fertilizer Machine

S. No.	Description	Specification	Offered Specification
1	Model Mo		
2	No. of Rows	Not less than 11 & 9 Rows.	
3	Row to row spacing	7" Standard & Adjustable	
4	Fertilizer Metering	Agitator & Sliding Orifice type	



5	Seed Dropping	Fluted Roller	
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Technical Specification of Cage Wheel

S. No.	Description	Specification	Offered Specification
1	Cage wheel	Heavy metal design with Heavy Duty	

Technical Specification of Tractor operated Ridger

S. No.	Description	Specification	Offered Specification
1	Model		
2	Tubular Frame	Square pipe 182*100*8 mm	
3	Number Disc	2	
4	Disc Size	670 mm*4 mm	
5	Width	Not less than 1100 mm	
6	Working depth	330 mm	
7	Disc type	Plain	
8	Axle type	Spindle	
9	Disc Angle	Adjustable	
10	Bearing Hubs	2	
11	Weight	Not less than 210 kg	

Technical Specification of Trencher

S.N	Description	Required Specifications	Offered Specifications
1	Overall dimension		
	length	At least 1600 mm	
	Height	At least 1250 mm	
	Width	At least 940 mm	
	weight	At least 240 kg	
2	width of cut	At least 300 mm	



3	Max. depth of cut	At least 300 mm	
4	Mould board component		
	i) Front		
	Type	Parabolic	
	Length	At least 910 mm	
	Height	At least 390 mm	
	ii) Rear		
	Type	Parabolic	
	Length	At least 850 mm	
	Height	At least 490 mm	
5	Power required		
	Tractor, hp	35- 45hp	

Technical Specification of Potato planter

Description	Required Specifications	Offered Specifications
Number of Rows	2	
Working Depth (Adjustable)	Minimum 200 mm	
Row to row spacing (Adjustable)	600 - 660 mm	
Potato Spacing (Adjustable) Range	140 to 420 mm	
Power Transmission System	Chain & Sprocket - Belt & Pulley	
Travel Speed during planting	Minimum 2 (km/hr)	
Number of Cups	2 X 40	
Number of Belt Conveyors	2	
Potato Seed Size	20 - 60 mm	
Hopper Capacity	At least 200 kg	
Required Power	40 - 60 hp	
Weight of machine w/o seeds	Approx 560 kg	
Cup insertion for small seeds	Optional	

Specification of maize planter

S.N.	Description	Required Specifications	Offered Specifications
1	Model		
2	Name	Maize planter	
3	No. of rows	Not less than 3 row	
4	Row to row spacing	24" standard & adjustable	
5	Fertilizer metering device	Agitator and sliding orifice type	
6	Seed dropping	Rotating disc with cell on its periphery	



Technical Specification of Tractor mounted Reaper with Binder:

S. No.	Description	Required Specifications	Offered Specifications
1	Model		
2	Function	Suitable for Harvesting and Binding of Grain Crops in a Single operation	
3	Crops to be harvested	Suitable for Wheat, Paddy and other Grains Crops having height 85 cm to 110 cm	
4	Field Cap.	Minimum 0.4 Ha /Hr	
5	Required Tractor Power	30 HP or Above	
6	Cutting Width	Minimum 1.2 meter	
7	Height of Cut	Between 3 to 5 cm	
8	Warranty	At least one year	

Technical Specification of Disc Harrow

S. No.	Description	Specification	Offered Specification
1	MAIN FRAME	MS Channel 100×50 and MS Angle of 65×8 mm.	
2	GANG BOLT	MS Square 32 mm 2 Nos.	
3	DISCS	Front 6/7 and Rear 6/7 (Plain or Scalloped as Required) of 550 mm Dia Made out From High Carbon Steel Duly Hardened and Tempered.	
4	SPOOL SPACER & BUMPER	CI. Casting	
5	CRANK LAVELLING LEVER	MS Round 28 mm Dia.	
6	STRUT ASSEMBLY	Bridge Strut is Extended up to Full Length of Strut Bars Made out from MS Flat 50×10 mm.	
7	PITCH OF DISC	225 mm.	
8	WEIGHT	Not less than 320 Kg.	
9	OVER ALL LENGTH	79”	
10	OVER ALL WIDTH	60 “	



11	OVER ALL HEIGHT	49"	
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Technical Specification for Bag sewing machine

Description	Required Specifications	Offered Specifications
Stitch Type	Two Thread Double Chain Stitch x 2 Rows	
Stitch Length	Adjustable from 11-18 stitches per 100 mm	
Thickness	Upto 8mm	
Needle	Standard	
Speed	Upto 2800 RPM	
Thread	Tape/Yarn/Thread	
Lubrication	Automatic	
Weight	About 40Kgs	

Technical Specification of Hydraulic trolley

S. No.	Description	Specification	Offered Specification
1	Hydraulic Cylinder capacity,	Not less than 5 ton.	
2	Size of the Trailer Length	Length-3200 mm*Width-1830mm*Height 560mm	
3	Chassis and main Base Frame Base chassis size	150 mm. X 75 mm. of C type channel. Cross channel over chassis should be of min. 100 mm X 50 mm size having at least six cross members and two longitudinal member. Additional suitable longitudinal member size 120 X 65 mm may also be provided for hydraulic jack fittings, if required.	
4	Side Wall Sheet	Not less than 3.50 mm MS sheet all side open type on hinges except front one.	
5	Floor Sheet	Not less than 6.00 mm MS sheet	
6	Axle	Not less than 75*75 mm MS square or found 80 mm dia (min).The number of axle may be one.	
7	Wheel Hub 02 nos. wheel hub heavy duty of 08 holes with branded wheel bearings.	2 Wheel Hub and wheel hub heavy duty of 08 holes with branded wheel bearings.	



8	Towing hook Spring loaded towing hook of min 36 mm MS round	Not less than 36 mm MS round towing hook Spring loaded	
9	Fittings	2 No's light reflectors, 2 No's Registration plates, steel hook etc.	
10	Tyre	Tyre Assembly & wheel 02 nos. wheels (double plated ring type with 8 holes) and accordingly tyre should be two of size 9.00X20 (16 PR) of Branded.	
11	Painting	One Coat of Red Oxide and 2 coats of super synthetic enamel paint.	

Technical Specification of Power Sprayer

Description	Required Specifications	Offered Specifications
Capacity	At least 16 liter	
Power source	Battery / Manual	
Battery Backup	At least 6 hour	

Technical Specification of Power Weeder

S. No.	Description	Specification	Offered Specification
1	Model		
2	Prime Mover	2.5 Hp and above engine (petrol, Diesel	
3	Working width	300 mm above	
4	Traction Wheel	Two wheel with traction type	
5	Main clutch	One	
6	Turning clutch	two	
7	Rotary weeding unit	Blades mounted on flanges of rotor shaft	
8	Weight	Not less than 170 kg.	
9	Attachments	Ridger, cultivator, one bottom plough, digger etc should be provided.	

Technical Specification of Tractor Reaper

S. No.	Description	Required Specifications	Offered Specifications
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1	Model		
2	Type	Power to machine is given from tractor PTO with help of intermediate shaft running beneath the body of the tractor and a coupling shaft	
3	Power source	Not less than 35 HP	
4	Outer Bar Assembly width	2.2 m	
5	Type of crop conveying mechanism	Two, lugged nylon canvas belt	
6	Type of pick up mechanism	Star wheel	
7	Crop dividers	Fitted in front of the cutter bar assembly and star wheels mounted on the crop dividers	
8	Height control	Through pulleys and steel ropes with help of tractor hydraulic	
9	Field capacity	Not less than 0.5 hec/hr	
10	Field Efficiency	Not less than 70 %	

Technical Specification of Potato Digger

S.N	Description	Required Specifications	Offered Specifications
1	Number of row	1	
2	Total width	At least 1600 mm	
3	Total length	At least 1490 mm	
4	Total height	At least 1000 mm	
5	Working depth	200-250mm	
6	working width	At least 600mm	
7	Distance between row	At least 725 mm	
8	Sub-merging angle	About 23degree	
9	sieving area	Not less than 1m ²	
10	Inclined angle of sieve	About 12degree	
11	Number of blade	At least 1	
12	Working capacity	At least 0.15 ha/hr	
13	PTO rotation		
14	Power required	above 45hp	
15	weight	400kg	



Technical Specification of Mould Board (M.B) plough

S. No.	Description	Specification	Offered Specification
1	SIZE	2-3 FURROW	
2	MOULD BOARD	MS Plate	
3	BLADE	High Carbon	
4	TINE	Approximately 36 mm thickness Made out from MS Plate	
5	WEIGHT	200-300 Kg. Approximately	
6	OVER ALL LENGTH	54 “	
7	OVER ALL WIDTH	48 “	
8	OVER ALL HEIGHT	43 “	

Technical Specification Seed Treater Machine

Description	Required Specifications	Offered Specifications
Usage/Application	Industrial	
Type Of Machines	Seed Treating	
Capacity	At least 2 ton/hr	
Weight	850 Kg (Approx)	
Material	Mild Steel	
Power Source	Electricity	
Electric motor	About 2 HP	

Technical Specification Solar Dryer

Description	Required Specifications	Offered Specifications
Size of the chamber(Minimum)	Length - 2200 mm, Width - 1200 mm, Height - 1200 mm	
Operating temperature	At least 60 deg. C	
Blowers	Minimum 2 pairs of 1 HP each	
Power Supply	About 240V Single Phase / 440 V 3 Phase	
Number of trays	At least 40 No.	
Charge Per Tray	At least 2.5 Kg	
Tray size	At least 600 x 900 x 25 mm	



Solar Collectors	At least 10 Air heating collectors. 2mx1m size per Collector.	
Backup	Electrical heater	
solar panel	moisture removal	
coated color	black	
sheet	aluminum colored	

Technical Specification of Digital soil testing machine

Description	Required Specifications	Offered Specifications
Testing Type	Soil Fertility, Soil Suitability, Soil Nutrients	
Battery Backup	Minimum 6 Hours	
Bluetooth	Yes	
Fertilizers Recommendation for Crops	At least 100 Crops	
Parameters Tested	Minimum 14	
Rotary Shaker Platform Size	Minimum 300mm x 300mm	

Technical Specification of Rotary Plough (Power Harrow)

S. No.	Description	Required Specifications	Offered Specifications
1	Model		
2	Type	Tractor PTO operated	
3	Power source	Not less than 45 HP	
4	Hitch type	Three point linkage CAT- I,II	
5	No. Of blade	Not less than 12	
6	Working width	Not less than 1500 mm	
7	Input RPM	540 to 1000	
8	Rotor RPM @540 PTO rpm	240 to 300	
9	Rotor drive type	Gear drive immersed with oil bath	
10	Distance between rotors	Not less than 250 mm	
11	Blade dimension	Thickness 12 to 15 mm, length 280 to 290 mm	
12	Blade Material	Boron steel	
13	Blade mounting	Bolt and nut with stone protection guard	



14	Levelling device	Rear mounted with height adjustment	
15	Drive shaft	Universal joint power transmission shaft	

Technical Specification of Multi crop seed drill Machine

S. No.	Description	Specification	Offered Specification
1	Model		
2	No. of Rows	Available in 3, 4, 5, 6 Rows.	
3	Row to row spacing	24" Standard & Adjustable	
4	Fertilizer Metering	Agitator & Sliding Orifice type	
5	Seed Dropping	Rotating Disc with cells on its periphery	

Technical Specification of Rotary Mulcher

S.N.	Description	Required Specifications	Offered Specifications
1	Model		
2	Type	Tractor PTO operated	
3	Required Power source	Not less than 45 HP	
4	Hitch Type	Three point linkage CAT-I,II	
5	No. of Blade	Not less than 32	
6	Type of blade	Y	
7	Input RPM	540	
8	Overall width	Not less than 1000 mm	
9	Side Transmission type	4- belts-BX type	
10	Gear Box	Free wheel gear box	
11	Weight (kg)	Not less than 550	

Technical Specification of Post Hole Digger

Description	Required Specifications	Offered Specifications
Usage/Application	Agriculture & Farming	



Capacity	Minimum 50 hp tractor	
Engine Type	Diesel	
Material	Mild Steel	
Power Source	Tractor PTO	
Features	can dig 2 pit at a time	
Automation Grade	Automatic	
Power	PTO	

Technical Specification of Potato planter

Description	Required Specifications	Offered Specifications
Number of Rows	2	
Working Depth (Adjustable)	Minimum 200 mm	
Row to row spacing (Adjustable)	600 - 660 mm	
Potato Spacing (Adjustable) Range	140 to 420 mm	
Power Transmission System	Chain & Sprocket - Belt & Pulley	
Travel Speed during planting	Minimum 2 (km/hr)	
Number of Cups	2 X 40	
Number of Belt Conveyors	2	
Potato Seed Size	20 - 60 mm	
Hopper Capacity	At least 200 kg	
Required Power	40 - 60 hp	
Weight of machine w/o seeds	Approx 560 kg	
Cup insertion for small seeds	Optional	

Technical Specification of Cultivator:

S. No.	Description	Required Specifications	Offered Specifications
1	PARTICULARS	9 Tyne and Spring	
2	TYNES	9 Tyne and Spring	
3	OVER ALL WIDTH	106 inches	
4	MAXIMUM WORKING WIDTH	100 inches	
5	OVER ALL HEIGHT	34 inches	
6	OVER ALL WEIGHT	280 Kg. Not less than	



7	UNDER FRAME CLEARANCE	15 inches	
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Technical Specification of Elevator Type Seed bean:

S. No.	Description/particulars	Required Specifications	Offered Specifications
1	Model		
2	Brand		
3	Capacity	not less than 6 ton	
4	Length	not less than 8ft	
5	Width	not less than 8ft	
6	Height	not less than 8ft	
7	Materials used	mild steel(M.S)	
8	Electric motor(Branded)	not less than 2 HP	
9	Elevator		
9.1	Type	bucket type/vertical	
9.2	Capacity	At least 20kg/min	
9.3	Drive	belt drive	
9.4	Dimension		
a	Height of elevator	not less than 6 m.	
b	Width of belt	not less than 200mm	
c	Thickness of belt	not less than 8mm	
10	Warranty	At least one year	
11	Installation	Supplier should installed seed bean with elevator at the location identified by office with permanent concrete structure and all required accessories.	

Technical Specification of Disc plough

S.No.	Description	Specification	Offered Specification
1	SIZE	3 Bottom	
2	MAIN BODY	6 “(100×8) Channel	
3	LEGS	100×8	
4	SPINDLE	MS Forging	



5	HUB	Heavy Casting	
6	BEARING	New Taper Roller	
7	DISCS 26 “	3 NOs	
8	LAND WHEEL WITH BRACKET ETC.	MS Casting and C.I Casting	
9	STAND	Provided	
10	OVER ALL LENGTH	71 “	
11	OVER ALL WIDTH	44 “	
12	OVER ALL HEIGHT	44 “	
13	APPROX.WEIGHTH	240 KG.	