



Welcome



Role of Small Tractors In Farm Mechanization



**WHAT is a
SMALL TRACTOR ?**

Definition of Small Tractor



A Mini Tractor has the same features like a bigger, regular Tractor, but is customized in wheel track, weight, height, turning radius etc. to suit special applications.

- A Small Tractor is capable of performing all agriculture operations that a bigger tractor can, only at a lesser cost. .



Role of Small Tractors In Farm Mechanization

MINI TRACTOR



India is an Agricultural Country, and most of the farmers are small and marginal, with a small land area. They can't afford a big tractor and its expenses. So they are dependent on bullocks or manual labour. Thus the concept of small tractor was introduced by us to help the farmer fraternity.

Role of Small Tractors In Farm Mechanization

Birth of a Small / Mini Tractor



Big Truck



Three wheeler

Role of Small Tractors In Farm Mechanization

Birth of a Small / Mini Tractor



Big Truck



Mini Truck



Three wheeler

Role of Small Tractors In Farm Mechanization

Concept of Small Tractor



Big Tractor



Bullock

Our MINI tractor (Little GIANT – LG)



Big Tractor



Small Tractor



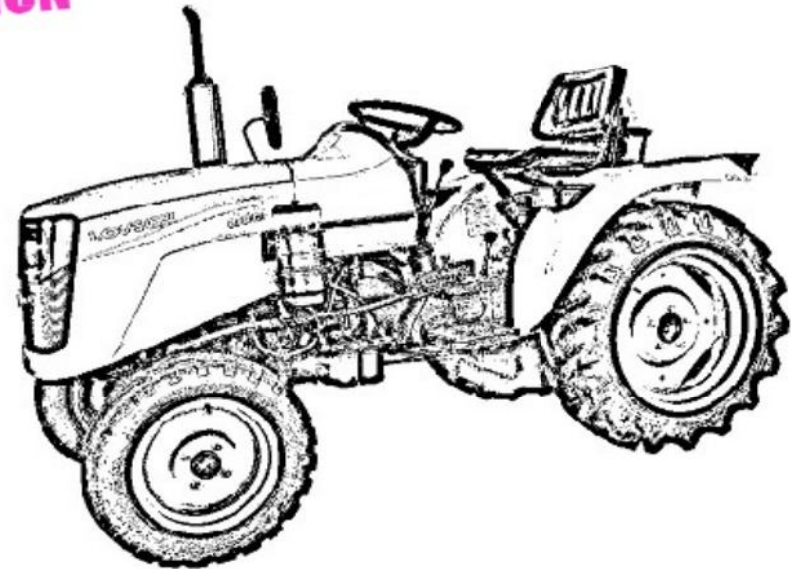
Bullock

Role of Small Tractors In Farm Mechanization



NECESSITY OF SMALL TRACTOR

LABOUR CRISIS



Little Gaint

ECONOMIC FARMING
DIVISION OF LAND



**NECESSITY
OF MINI TRACTORS**

Necessity of Small Tractor



Land Fragmentation

With the Division of a farmer's family, land holdings became smaller.

Farmers with small land holding cannot afford expensive tractor or implement.



Necessity of Small Tractor



Inter-Cultivation

Inter-cultivation follow up for certain crops like COTTON , GROUNDNUT is very critical , but no other lighter , compact option was available for this operations

Necessity of Small Tractor



Alternate option for
Bullocks/Animals

Bullocks were being used
For the
Inter-cultivation
operations in agriculture
as well as horticulture,
due to lack of a viable
alternative



Necessity of Small Tractor



Fixed costs / expenses

Bullocks and animals though idle , need to be fed regularly which is an extra burden for the farmers . This is not the case with the tractors , in fact if not used , they can be rented out for extra income to the farmers

Necessity of Small Tractor

Labour Crisis

Most of Rural young population are moving to city for better opportunities , this is creating a labour shortage of sorts .
MECHANISATION is the need of the day



Necessity of Small Tractor



Modern Farming

Young Generation would like to introduce modern technology in farming and agriculture as it ensures maximum returns for minimum efforts.

Advantages of a Mini Tractor

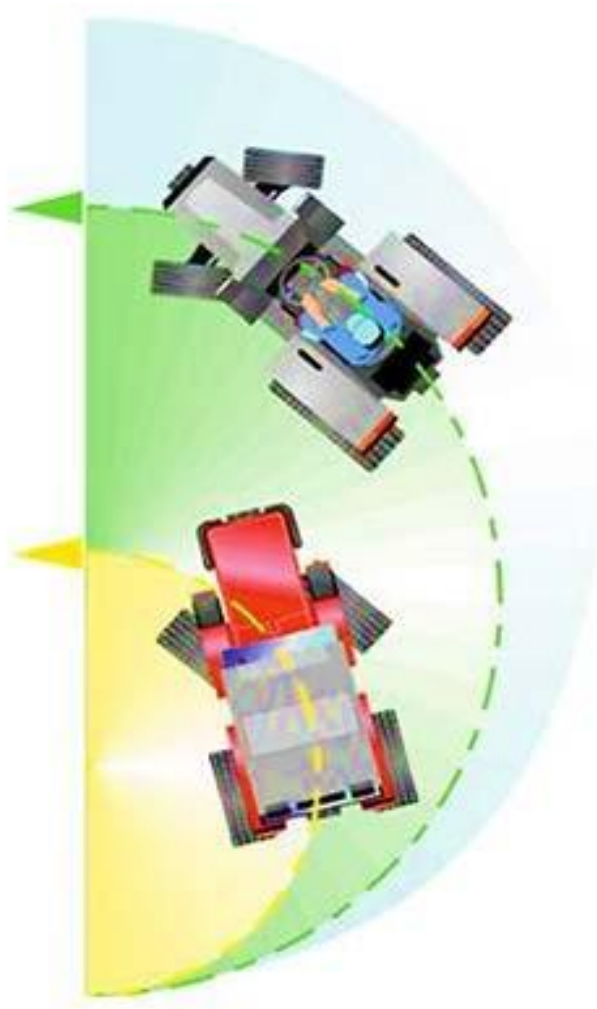


Compact in Size

The overall dimensions of the tractors like – wheel base, wheel track, height, weight, turning radius, are suitable for most of the crops like “cotton, lentil / pulses , castor, grapes, groundnut, pomegranate, chiku, sugar cane (with 5’ row plantation). Or it can be customised to suit the requirement of every farmer



Benefits & Usage of Small Tractor



Short Turning Radius

Due to compact size, and construction the small tractor has a short turning ability, which allows the tractor to easily navigate around obstacles without damage to the crop. It is very useful for horticulture crop

Salient features of our Small Tractor



Light in Weight

Due to less weight, soil is not pressed during any operation. So, it is very useful in sandy soils or for inter-cultivation.





Little GAINT



LOVSON MINI TRACTOR 4W & 2W SERIES



SPECIFICATION		120 DI (15 HP Series)	120 DI 4WD (15 HP Series)	200 DI (20 HP Series)	200 DI 4WD (20 HP Series)	250 DI (25 HP Series)	250 DI 4WD (25 HP Series)
Engine	No. of Cylinder	1	1	1	1	2	2
	Capacity (CC)	624	624	895	895	1290	1290
	Rated Speed (RPM)	2600	2600	2300	2300	2200	2200
	Cooling System	Air Cooled	Air Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled
	Bore/Stroke (mm)	85/110	85/110	100/114	100/114	95/91	95/91
Tyres	Front	5.20 x 14	5.00 x 12	5.20 x 14	5.00 x 12	5.20 x 14	5.00 x 12 / 6.00 x 12
	Rear	8.00 x 18	8.00 x 18	8.00 x 18	8.00 x 18	8.00 x 18 / 8.3 x 20	8.00 x 18 / 8.3 x 20
Dimension	Size (L X W X H) mm	2510 x 1040 x 1700	2445 x 1040 x 1695	2600 x 1040 x 1700	2565 x 1040 x 1695	2625 x 1040 x 1700	2600 x 1040 x 1712
	Weight (kg)	780	820	885	940	890	945
	Wheel Base (mm)	1450	1450	1500	1500	1550	1550
	Track Width (mm)	825 (950 Adjustable)	825 (950 Adjustable)	825 (950 Adjustable)	825 (950 Adjustable)	825 (950 Adjustable)	825 (950 Adjustable)
Transmission	Type	Synchronesh	Synchronesh	Synchronesh	Synchronesh	Synchronesh	Synchronesh
	No. of Gear	8 Forward, 2 Reverse	8 Forward, 2 Reverse	8 Forward, 2 Reverse	8 Forward, 2 Reverse	8 Forward, 2 Reverse	8 Forward, 2 Reverse
	P.T.O. Speed	4+1	4+1	4+1	4+1	4+1	4+1
	Max. Speed	19 km/hr.	19 km/hr.	20 km/hr.	20 km/hr.	20 km/hr. / 22 km/hr.	20 km/hr. / 22 km/hr.
	Type of Brake	Dry internal Exp. Shoe (Water Proof)	Dry internal Exp. Shoe (Water Proof)	Dry internal Exp. Shoe (Water Proof)	Dry internal Exp. Shoe (Water Proof)	Dry internal Exp. Shoe (Water Proof)	Dry internal Exp. Shoe (Water Proof)

*Front weight & platform are optional.

Note : Products undergo continuous updations. Hence, above mentioned specifications are subject to change without prior notice.

LOVSON

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Thank You



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