



We're India's leading manufacturer of Agri-implements.



We help the Farmers to Achieve the Extraordinary.



ALPHA ROTAVATOR

Best for dry & soft soil with better fuel efficiency.

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SOILTECH'S OTHER SIGNATURE PRODUCTS



Features

- Duo cone mechanical seals.
- A) High sealing effect against dirt, dust, water and abrasive media from outside and oil and grease from the inside.
- B) self centering to compensate for shaft eccentricity or misalignment.
- C) Long service life.
- D) suitable for all climatic conditions.
- E) Corrosion resistant.
- PTO shaft with advance locking features.
- High quality blades with better life.
- Better fuel efficiency
- Powder coated fabrication parts with better paint life.
- Harden toughened material of lower plate of depth skid.
- Prime sheet from TATA/SAIL for heavy-duty structure.

Specification (Alpha Series)

SERIES NAME	ALPHA	ALPHA PLUS
MODEL	ST-160	ST-185
Size (Ft.)	5 Ft.	6 Ft.
Tractor Power (HP)	35-45	40-50
Overall Length (mm)	1713	1963
Overall Width (mm)	750	750
Tilling Width (mm/inch)	1686	1716
Overall Height (mm)	1080	1080
3-Point Hitch Type		Cat-II
Frame Off-set (mm / inch)	28	28
No. of Blades (L-80x7)	36	42
Main Gear Box Type		Multi Speed (15x24)
Side Transmission Type		Gear (16-41-25)
Max. Working Depth (mm/inch)		148/5.5
Rotor Swing Diameter (mm)		470
Rotor Tube Diameter (mm)		89
Drive line Safety Device		Shear Bolt
Weight (Kg)	381	412

ROTOR RPM CHART

INPUT PTO RPM	REDUCTION GEAR 1	REDUCTION GEAR 2	ROTOR SHAFT RPM
540	16	17	203
540	17	16	230
540	15	18	180
540	18	15	259
540	14	19	159
540	19	14	293
1000	11	22	200
1000	22	11	800

Standard Gear Pair 15x18

Weight is excluding Tool kit & PTO

The company reserves absolute rights to modify the specifications of machine and components there in without any prior notice.



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