

# SAMSON

## Hand Operated Walking Power Tiller & Mini Tractor



2 wheels



4 wheels

### Applications



Ploughing



Sowing



Spraying



Pumping



Harvesting



Towing



**GREEN FIELD AGRO EQUIPMENTS**

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**A Division of Hararama Group of Industries**

Green Field Agro Equipments is the Agro- Division of Green Field Industries, an ISO 9001 : 2000 certified renowned company for **Samson** brand Material Handling & other products. Samson brand leading products are Two wheel drive GFE : 1210 Model power tiller & Four wheel drive GFE : 1810 Model Mini Tractor.

Samson heavy duty power tillers & Mini Tractor are compact in design, work continuously on low fuel, does not get heated, due to bigger Radiator water cooling system, easy to operate, user friendly and low maintenance cost. These high powerful & the most modern tillers & tractors are suitable for the job of ploughing, Rotary Tillage, Harrowing, Spraying, Seeding, Harvesting, Transporting, Water Pumping etc. An powerful tool for all aspects of cultivation.

Green Field Agro Equipments is are committed to give special attention to provide after sales service and availability of spares at nearest possible point to our valued customers.

Mr. Uttam Choudhury, B.Tech, MBA, CEO of Hararama Group, is a dynamic personality, have worked with reputed engineering industry, Research and development Departments of reputed engineering industries. This experience resulted him take up in manufacturing of different types of agricultural farm equipments and generator for developing rural India in advance stage to meet the global challenges with respect to cost, quality & service.

## Features

- Direct Injection combustion System
- Less fuel consumption
- Quick start
- For multiple Soil types
- Multipurpose usage
- Spraying pesticides
- Pumping
- Towing
- Labeling Soil
- Harvesting crops
- Sowing seeds on field

## SPECIFICATIONS

### Walking Tiller GFE :1210

2 Wheeler

1. Model No : GFE : 1210
2. Engine : GSNB 195
3. Type : Single cylinder, Horizontal Type 4 cycle water cooled Radiator
4. Max : Rating Output - 13.0 H.P. (1hr)
5. Nominal Power - 12.0 H.P. (12hours)
6. Net weight of Engine - 145 KGS
7. Over all Engine dimension - 780 x 450 x 630 m.m.
8. Fuel Consumption : 1 lit / hr
9. Max Towing Capacity - 2.5 Ton
10. Rotary Shaft Speed :  High  Low
11. Tilling width - 2 feet
12. Tilling Depth - 6-9 inch
13. R.p.m of Engine : 2400
14. Cylinder Dia : 95.m.m.
15. Piston Stroke : 115 m.m.
16. Total Construction, weight with Rotary Tiller - 495 KGS
17. Tiller Speed Forward : 6 gears  
Reverse : 2 gears
18. Piston : 5 Groove 5 Ring
19. Cam Shaft : Double bearing System
20. Start - Handle
21. Rotary Tiller - 18/20 Tynes



## SPECIFICATIONS

### Mini Tractor GFE :1810

4 wheeler

1. Model No : GFE : 1810
2. Engine : GSNB 1100
3. Type : Single cylinder, Horizontal Type- 4 cycle water cooled Radiator 4x2 wheel
4. Maximum rated Power 20 H.P. (1hr)
5. Nominal Power - 18 H.P. (12hours)
6. Net weight of Engine - 160 KGS
7. Over all dimension of Engine - 814 x 480 x 618 m.m.
8. Fuel Consumption : 1.5 lit / hr
9. Maximum Towing Capacity - 3.5 / 4Ton
10. Rotary Shaft Speed :  High  Low
11. Tilling width - 3 feet
12. Tilling Depth - 6-9 inch
13. R.p.m of Engine : 2400 mp
14. Cylinder Dia : 100.m.m.
15. Piston Stroke : 115 m.m.
16. Hydraulic System : 17.5 lit / min
17. Maximum speed for Towing - 25km / hr
18. Wheel base - 1300/ 1400 m.m.
19. Front wheel - 900 m.m.
20. Trailing wheel - 900 m.m.
21. Min Ground Clearance - 245 m.m.  
Tiller Speed Forward - 6 gears  
Reverse - 2 gears
22. Piston - 4 Groove, 4 Ring
23. Cam Shaft : Double bearing
24. Start : Self with battery / handle

