

TURFCARE SONA SONA

LEAF COLLECTOR DESIRE 2020

100 % INDEGINEOUS



Extra ordinary machine, a Marvel of Engineering skill, conceived ,designed and manufactured by the workers of M and M Consultants. This is perhaps, the only machine of its kind, which is self driven and has 5 Ft long Suction boat the Rear and a larger cage to collect the leaves and other material. The machine being compact (Width 6 Ft and Length 8 Ft , it can be easily manoeuvred between the trees etc.



Made by	:	M&M CONSULTANTS
TYPE		
Type of machine	:	Self driven by Honda Engine.
Power Source	:	Petrol Engine KASEI EX21
Start type	:	Self start and pull start (for suction)
Speed control	:	Variable speed
Blade Engagement	:	Mechanical

Deck Material : Stamped/Pressed steel

PERFORMANCE

Cut width (mm) : Suction is 1524 mm
Minimum Cut height : Suction Min 8 mm
Maximum cut height : SuctionMax16 mm
Suction Velocity : 10 m/s at Suction
Exhaust Velocity : 30 m/s at Exhaust
Bottom Blade : Nil
Cutter Reel : Nil
Cutting Performance : Suction 50, 000 Sq yds in one hour.

WHEELS

Number of Wheels : 3 (front 1 wheel and rear 2 wheels)
Transport Wheel : Wheel for ease of transporting

GENERIC

Grass Box : Rectangular Acrylic Box capable of holding large volume of sucked grass and leaves.

Grass catcher/collector : Ten Bags are provided for collection of leaves etc from the cage and can be easily emptied in the large bags secured at the neck. These can be picked by the Trash van and reused after emptying.

Other Features :

- (a) Exclusive drive with separate Engine
- (b) Safe cage for driver
- (c) Blower Assembly : Is fitted with specially designed Fan and Venturi System, which operates at 3000 RPM
- (d) Cylindrical Fan : It is first of its kind that a cylindrical rubber finger fitted, 5 Ft long is seated to the Suction box, which throws loose objects towards the Inlet of the Blower Assembly plus further boosts the the suction pressure from the ground.
- (e) Nylon Brush: An adjustable Nylon Brush, 5 Ft long is fitted at the back side of the Suction Box, which grooms the ground.

ENGINE

Make /Model of the

Engine : **Two Honda Engines (HONDA GX 200 and KASEI EX 21), NAMELY :**

(a) For transportation KASEI EX 21, 7 HP with Reduction Gear Box 1:6

(b) For Suction Honda GX 200, 5.5 HP, to be operated below 2500 RPM .

Transmission : **Sound transmission having set of belts pulley and axle.**

Engine fuel Tank

Capacity : **3.1 Litre**

Chassis : **10 gauge steel plate construction with strong tubular Handle**

Drive : **Set of Pulley, Belt Chain sprocket and differential is provided.**

Clutch : **Centrifugal Clutch is fitted on the Suction Box,for smooth engagement of the pulley and Belt Clutch is provided for engagement and disengagement with lever on the handle bar for Forward and Reverse movement.**

Front Roller : **Nil**

Back Roller : **Nil**

GUARANTEE

Guarantee on Equipment : **12 months as stated in the literature except for the Consumables like chain, sprockets, Bottom Blade which wears out due to usage. Engine as per manufacturer is for 6 Months only.**

Spares : **Guaranteed supply minimum 5 Years.**

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