

QUALITATIVE REQUIREMENT FOR LEAF COLLECTOR

Cost MMC Rs 9.30 lacs

TECHNICAL SPECIFICATIONS

ENGINE	Should be Fitted with KASEI Gasoline Engine EX 21 (7HP) 600 RPM Electric Start and Briggs & Stratton Engine 10HP at 3600 RPM with electric start or its equivalent.
TRANSMISSION	Belts, Pulley, Chain, Sprocket & spur Gears, fitted with three gear box One Gear Box used to forward and reverse the machine and others two for rotating the suction Assy and rubber tine assy.
TYRES	Should be Fitted with two pneumatic tyres of size 165X60X12 ply mounted on rear axle. The steering wheel should also be pneumatic
Blower Assembly	The fan design and Venturi system should be such that it generates vacuum of 25 to 30 kg/cm ² pressure. With this high pressure, even dried cut grass gets sucked in, leaving behind a neat area.
Rubber Tines	Rubber Flexible Tines are fitted securely in a row consisting of 50 such flexible Tines. There are five rows each of 50 Tines. Thus on the whole 250 Tines are mounted on the shaft, which rotates at RPM of 250.
Nylon Brush	An adjustable Nylon Brush 5ft long should be fitted at the rear side of the flexible Tines for grooming of ground.
Provided with 10 X bags	Leaves and other debris should be emptied in the large bags and secured at the neck by rope. These can later be collected by pick up van and these bags reused after emptying.
All Driving facilities fitted	The Leaf Collector should have clutch, Brake, Accelerator and Gear assisted steering etc, etc