

HARVESTING EQUIPMENT

Self-Propelled Reaper

India's trusted 5 hp power reaper machine - diesel or petrol, single-operator harvesting for wheat, paddy and more.



5 hp

ENGINE POWER

5 kmph

WORKING SPEED

<0.5%

CROP LOSS

01 Machine Overview

Available in two 5 hp models - Greaves diesel (3-belt) or Honda GX200 petrol (2-belt).

Cuts as low as 4 cm with under 0.5% crop loss, running on 700-1000 ml of fuel per hour.

Single-operator machine with simple clutch-lever controls; handles crops up to 10 feet tall.

02 Technical Specifications

Specification	Self Propelled Reaper - 3 Belts 5 hp Diesel Model	Self Propelled Reaper - 2 Belts 5 hp Petrol Model
Model No	SI101-B3D	SI102-B2P
Engine	Greaves Diesel Engine (Recoil start)	Honda GX200 (Recoil start)
Fuel	Diesel	Petrol
Fuel Tank Capacity	4.5 Ltr	3.1 Liter
Power	5 hp	5 hp
RPM	3600	3600
Tyre	TVS Agricultural tyres (1m45)	TVS Agricultural tyres (1m45)
Machine Running Speed	5 Kmph Avg.	5 Kmph Avg.
Minimum Cutting Height	4 cm	4 cm
Flat Blade	3 Belt	2 Belt
Fuel Consumption	800-1000 ml/hour	700-900 ml/hour
Dimension (l x w x h)	2.5 x 1.5 x 1 Meter	2.5 x 1.5 x 1 Meter
Weight	250 Kg Approx	230 Kg Approx
Height of Crop	Up to 10 Feet	Vary between 2 Feet to 6 Feet
Total Losing Rate	<0.5%	<0.5%
Construction	Mild Steel / Engineering Plastic / Iron	Mild Steel / Engineering Plastic / Iron
Method of Control	Clutch Lever & Links Mechanism	Clutch Lever & Links Mechanism
Colour	Glossy red / Golden yellow / Glossy black	Glossy red / Golden yellow / Glossy black

03 Key Features

1 Heavy-Duty Cutter Bar

Hardened, precision-ground blades deliver a clean low cut, protect straw quality and last longer between sharpening cycles.

2 Easy Field Manoeuvring

Balanced weight distribution and responsive steering clutches make headland turns and narrow-field operation effortless.

3 Low Running Cost

Sips around one litre of fuel per hour and uses locally available wear parts, keeping cost per acre at a minimum.

4 Operator Comfort & Safety

Vibration-damped controls, safety guards and a simple lever layout reduce fatigue across long harvesting days.

04 Crops & Applications

Wheat	Paddy	Barley	Oats
Soybean	Mustard	Fodder Crops	Maize
Bajra (Pearl Millet)	Jowar (Sorghum)	Ragi	Sunflower

05 About Sunidhi Industries

Sunidhi Industries (Sunidhi Agrotech Pvt Ltd) is an Ahmedabad-based manufacturer of agricultural machinery, building harvesting, post-harvest, crop-protection and fodder equipment for Indian farming conditions. Cutting, welding, machining and assembly all happen in-house, every unit is load-tested before dispatch, and we sell factory-direct - which means no distributor margin, genuine spare parts from the same plant that built your machine, and free operator training on delivery. We supply across Gujarat and dispatch pan-India.

06 Company & Contact Details

Company	Sunidhi Industries (Sunidhi Agrotech Pvt Ltd)
Business	Manufacturer of agricultural machinery
Factory Address	Plot No. 161, Gopalcharan Ind. Landmark, Besides Gharda Ghar, Daskroi, Kuha, Ahmedabad, Gujarat 382433, India
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Working Hours	Monday to Sunday, 8:00 AM - 6:00 PM (Tuesday closed)



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