

HARVESTING EQUIPMENT

Differential Reaper

India's trusted 5 hp differential reaper - diesel or petrol, with differential drive and lock for tight, irregular fields.



Diff-Lock
DRIVE SYSTEM

5 hp
ENGINE POWER

<0.5%
CROP LOSS

01 Machine Overview

As a dedicated differential reaper manufacturer, Sunidhi offers two 5 hp models - Greaves diesel (3-belt) or Honda GX200 petrol (2-belt).

Differential drive with lock turns tightly on headlands and holds traction in wet or loose soil.

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

02 Technical Specifications

Specification	Differential Reaper - 3 Belts 5 hp Diesel Model	Differential Reaper - 2 Belts 5 hp Petrol Model
Model No	SI201-B3D	SI202-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
Drive	Differential drive with lock	Differential drive with lock
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	260 Kg Approx	240 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 Differential Drive with Lock

Independent wheel drive makes tight headland turns effortless, while the lock delivers straight-line traction in wet or loose soil.

2 Built for Small Fields

Compact manoeuvrability suits terraced, irregular and boundary-heavy plots where large machines can't work.

3 Proven Reaper Platform

Shares the hardened cutter bar, rugged gearbox and reliable diesel engine of our best-selling reaper.

4 Low Running Cost

Fuel-efficient operation and locally available parts keep cost per acre low, season after season.

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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