

GK7

INTERNATIONAL TRADE
AGRICULTURAL TECHNOLOGY

DUAL SHAFT ROTATION

PRECISION TILLING SYSTEM

POSCO

HYUNDAI

DAEWOO



WORLD CLASS
KOREAN STEEL



POWERING GLOBAL FARMS



ORATEXCA
INTERNATIONAL TRADE

Agricultural innovation drives our company

Integrity, quality, accountability, and innovation are our core values. Those values determine the way we work, the quality we offer, and the unsurpassed treatment you get as a customer.

We recognize the tradition and value of brands, the loyalty of our customers and the identification of our dealers. We create excellent solutions for our customers by carefully listening to their needs.

– ORATEXCA INTERNATIONAL TRADE . –

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WORLD'S FIRST PATENTED DUAL-SHAFT

TWO Rotached Performance. Maximum Profit.

**2X SPEED
50% FUEL SAVING**

50% FUEL SAVING

- WORLD-CLASS KOREAN STEEL (POSCO & HYUNDAI)

* Features

1. Twice the working efficiency — work that normally takes four days can be completed in two.
2. Up to 50% fuel savings, helping farmers reduce operating costs amid high fuel prices.
3. Primary and secondary tillage are performed simultaneously to improve efficiency.
4. Dynamically designed Dual-shaft layout reduces tractor load and improves soil pulverization.
5. No strain on the main frame when moving the rotary up and down by raising the ride height to fit a large tractor
6. Adjustable rear cover height with spring and hydraulic cylinders for superior soil leveling.
7. Designed to separate the rotary shaft without disassembling the left and right plates during maintenance



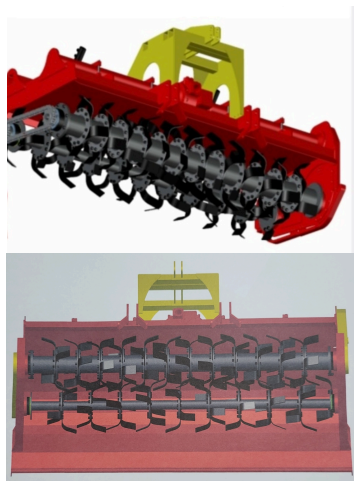
* Product Specifications

Model	size (cm) (L x W x H)	Tillage width (cm)	Tillage Blade		Weight(kg)	Applied horsepower (ps)
			Before	After		
SSD245	153 x 274 x 136	245	60	48	1,420	110 or more
SSD265	153 x 294 x 136	265	66	54	1,496	120 or more
SSD290	153 x 318 x 136	290	72	60	1,504	130 or more

※ The specifications are subject to change without notice.

TECHNICAL DETAILS :

Dual-shaft Rotary Tiller



Two-axis cultivator shaft

ORATEXCA's patented dual-shaft rotary tiller performs primary and secondary tillage simultaneously, significantly increasing working efficiency while reducing fuel consumption by up to 50%.



Body frame

Each frame is reinforced to support the dual-shaft structure, ensuring exceptional rigidity and durability.

The main body frame is manufactured using SS400 steel plates sourced from POSCO and Hyundai Steel, while round bar forgings and square pipes are made from high-strength SGP and STPG steel.

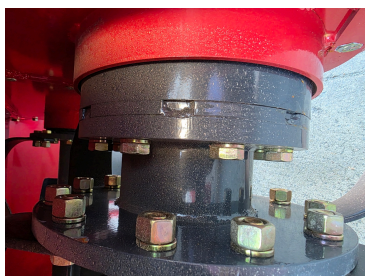
POSCO, Hyundai Steel, and Seah Steel are globally recognized leaders in Korea's steel industry.

The structure complies with Korean Industrial Standards (KS) and Japanese Industrial Standards (JIS), ensuring long service life and reliable performance under demanding working conditions.



Rear Cover Cylinder Unit

The back door with the hydraulic cylinder can be adjusted from the driver's seat of the tractor to allow the operator to open and close freely through hydraulic pressure



Easy to remove the tiller shaft

Designed to be easily removed without mechanical disassembly when replacing and repairing tiller shaft or Tillage blade.



SRF6000 ROTARY RAKE

Folding Type 8-Tine System

Maximize Efficiency with Patented Precision Technology

* Features

- You can adjust working width from 5.3m to 5.7m (SRF5000 : 4.6~4.8m) with a simple operation
- The centre-delivery rake for professional applications
- Durable gearbox lubricated with liquid grease
- Maintenance-free cam track
- (Cam track in oil bath)
- High strength tine arms for heavy-duty use
- Raking, tedding, windrowing, spreading, all in one machine



Patented (No. 10-1071372) ▶



<Automatic Lock Control System>



<Articulation Locked>



<Articulation Unlocked>

* Product Specifications

Model	Rotary rake size(cm) (L×W×H) (Folding size)	Operating width(cm)	Diameter(cm)	Weight(kg)	Power requirement(kw/hp)
SRF 6000	297×550×129 (297×270×290)	550~600	260	700	80

※ The specifications are subject to change without notice.

TECHNICAL DETAILS :

SRF6000 Rotary Rake



Tine bar connection ring

A circular connection ring secures eight tine bars and evenly distributes load across the machine, reducing wear.

By distributing rotational force uniformly, it minimizes vibration and shaking during high-speed operation, ensuring stable and consistent performance.

This patented technology is certified by the Korean government.



Body frame

The body frame is constructed from SS400 steel plates sourced from POSCO and Hyundai Steel, while round bar forgings and square pipes are manufactured using high-strength SGP and STPG steel.

POSCO, Hyundai Steel, and Seah Steel are globally recognized leaders in Korea's steel industry.

All materials comply with Korean Industrial Standards (KS) and Japanese Industrial Standards (JIS), ensuring exceptional durability and long service life under demanding working conditions.



Eight-wheeled frame

The wheel frame, which plays a key role in mobility and working efficiency, is designed with eight wheels that can be fixed or rotated according to soil conditions.

This design ensures smooth operation across various terrains, including muddy and gravel fields.



Powerful elastic tine

Designed for gathering hay, rice straw, and forage, our tines are crafted from premium POSCO high-elasticity steel. Their superior resilience minimizes bending and breakage even under heavy-duty conditions.



STD550 FOLDING TYPE 4-ROTOR TEDDER

Folding Type 8-Tine System

5.5m wide coverage with precision adjustable rotors.

* Features

- Provides a wide working width of 5.5 m for high operating efficiency.
- Compact folding width ensures safe and convenient road transport.
- With optional tire installation, the machine adapts effectively to a wide range of field conditions.
- During operation, the tire rotation axis can be adjusted to control the discharge direction.
- A sealed rotor gearbox ensures durability and long service life.



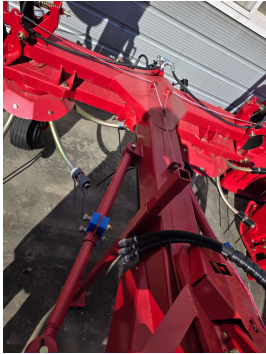
* Product Specifications

Model	Rotary rake size(cm) (L×W×H) (Folding size)	Operating width(cm)	Rota radius of rotation(cm)	Weight(kg)	Power requirement(kw/hp)
STD550	242×590×120 (240×300×278)	550	145	680	60 or more

※ The specifications are subject to change without notice.

TECHNICAL DETAILS :

Rotary Tedder



Body frame

The body frame is constructed from SS400 steel plates supplied by POSCO and Hyundai Steel, while round bar forgings and square pipes are manufactured using high-strength SGP and STPG steel. POSCO, Hyundai Steel, and Seah Steel are globally recognized leaders in Korea's steel industry. All materials comply with Korean Industrial Standards (KS) and Japanese Industrial Standards (JIS), ensuring exceptional durability and long service life under demanding operating conditions.



Rotor and Tine

The design minimizes damage to grass during tedding, helping preserve forage quality and reduce leaf loss.



Consistent working height control

Equipped with auxiliary wheels to maintain a consistent working height, preventing soil, stones, and other foreign materials from mixing with grass or hay.



SDP100 DISK PLOW

Heavy-Duty Deep Tillage

Ultimate deep tillage with premium Spanish carbon discs.

* Features

- A high-tensile #100 chain enhances strength by up to 1.5 times compared to #80, while allowing easy maintenance in the event of damage.
- A large-capacity hydraulic cylinder enables precise tilt angle adjustment directly from the tractor seat, without left-right angle deviation.
- A 75 mm floating seal is applied to effectively prevent oil leakage.
- Gear-driven power transmission via the main gearbox and side gear ensures reliable performance and long-term durability.



* Product Specifications

Model	size(cm) (L x W x H)	Operating width(cm)	Number of disk	Weight(kg)	Power requirement(kw/hp)
SDP60	146 X 222 X 139	192	6+2	630	35~55
SDP80	146 X 275 X 139	245	8+2	650	55~80
SDP100	146 X 328 X 139	680	10+2	680	70~90

※ The specifications are subject to change without notice.

TECHNICAL DETAILS :

SDP100 Disk Plow



Disc plate

It uses high-carbon steel discs sourced from Spain for excellent wear resistance and long service life.

The wide spacing between the discs prevents weeds from becoming trapped, even in heavy, cloddy soil, ensuring efficient soil pulverization.



Rotating part

A sealed bearing structure prevents the ingress of soil, moisture, and foreign materials, while reducing heat buildup and operating noise even under high-load conditions.

This design ensures easy maintenance and low operating costs.



Body frame

The body frame is constructed from SS400 steel plates supplied by POSCO and Hyundai Steel, while round bar forgings and square pipes are manufactured using high-strength SGP and STPG steel.

POSCO, Hyundai Steel, and Seah Steel are globally recognized leaders in Korea's steel industry.

All materials comply with Korean Industrial Standards (KS) and Japanese Industrial Standards (JIS), ensuring exceptional durability and long service life under demanding working conditions.

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