sukoon

# THE ALL-NEW SUKOON KR-GEN 4 IS HERE

SAY HELLO TO
**THE GAME GHANGER**

ONE MACHINE.

MULTIPLE SOLUTIONS.

100% ELECTRIC.



# BUILT FOR THE **MODERN DAY FARMER.** DESIGNED FOR **THE ENTIRE FARMING CYCLE.**






For generations, farmers have been ground down by hardships. Multiple tools. Multiple costs. Multiple compromises.

***KR Gen 4 changes that equation. But Most farmers do not farm in stages. They farm in seasons.***

***Sukoon understands this.***

Born from the real needs of Indian farmers, **KR Gen 4 (KrishiRaj Generation 4)** is designed as a single, dependable partner that supports the farmer from the first turn of soil to the final haul back home. It is not just a machine. It is a complete farming solution.

Instead of forcing farmers to invest in different machines for different tasks, KR Gen 4 brings every critical stage of farming into one powerful, versatile platform.

## This means



# ENGINEERED TO **DELIVER.**
# BUILT TO **PERFORM.**

| | |
|---|---|
| Motor | **1200watt BLDC** |
| Motor Input Voltage | **48v** |
| Battery | **50Ah LiFePo4**<br>(Addtional 50Ah Optional) |
| Backup | **3 to 5 Hours*** |
| Top Speed | **10 Km/hr** |
| Ground Clearance | **10"Inches** |
| Tyres | **4.00 x 10** |
| Wheel Track | **28" Inches** |
| Dimensions | **1092x457x889 (mm)** |
| Weight | **120kg Inc 50Ah LiFePo4 Battery** |

**on Tiller Electronic and Mechanical Parts** as per Sukoon T&C.

**on Charger as per** Charger Manufacturer T&C.

**on Battery** as per Battery Manufacturer T&C.

*Depending on Battery Pack & Work Load



## The one stop solution for the entire farming cycle

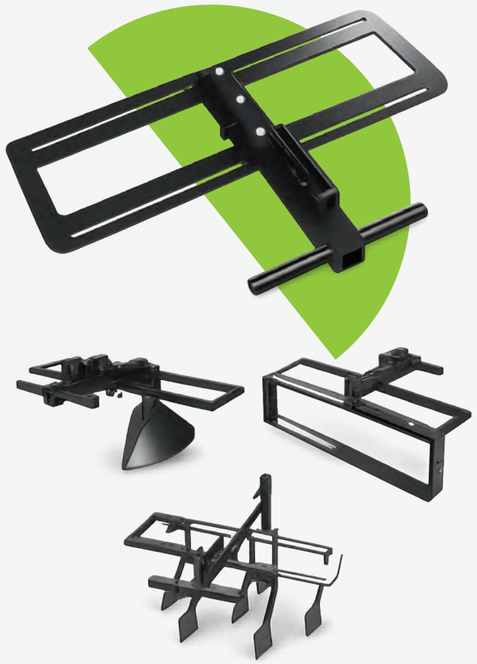



Disclaimer: Product images for illustration purposes only. Actual product may vary.

# ATTACHMENTS

Stage 1

## Soil Preperation



### S101 - 3 in 1 Attachment Toolbar

The 3-in-1 Attachment Toolbar is a set of **5 tyne of tiller, ridge maker, and de-weeder** that can be effortlessly switched between and installed behind Krishiraj MUFT for traditional farming operations on the farm.

| SPECS | |
|---|---|
| **Working Width** | |
| **Soil Penetration Depth** | 3" to 4" inches |
| **Material** | MS Hardened |

### S102 - Ridger cum Reversible Plough

An adjustable bi-directional plough attachment that doubles as a ridge maker.



| SPECS | |
|---|---|
| **Working Width** | |
| **Soil Penetration Depth** | 4" to 6" inches |
| **Material** | MS Hardened |



Stage 1

## Soil Preperation



S103 a) Disc Type

### S103 - Bed Maker

The bed maker attachment is designed to create raised planting beds or ridges in the field. It typically consists of shaped discs, ridges, or sweeps that gather and mold soil into elevated rows.

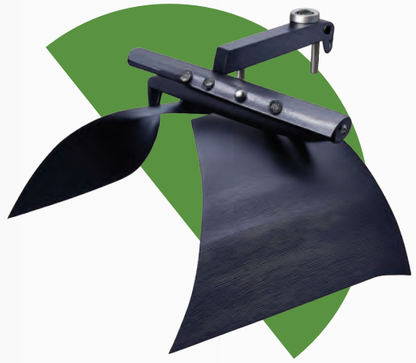
**Sukoon offers three types of bed makers:**

S103 a) Disc Type

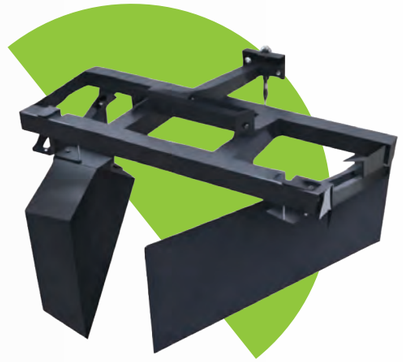
S103 b) Sweep Type Round

S103 c) Sweep Type Flat

| SPECS | |
|---|---|
| **Working Width** | Adjustable |
| **Material** | MS Hardened |



S103 b) Sweep Type Round



S103 c) Sweep Type Flat

Stage 1

# Soil Preperation



## S104 - E-Earth Auger

Our battery-powered electric earth auger makes digging holes for planting, fencing, or landscaping quick and easy. Fully compatible with Krishiraj MUFT or operable as a standalone unit with a 48v backpack mounted battery pack.

| SPECS | |
|---|---|
| **Motor** | 1200watt BLDC |
| **Input Voltage** | 48v |
| **Drill Bit** | 8"/12"/16" (Optional) |
| **Depth** | 2.5' to 3' Ft (Depending on bit) |



Stage 2

# Seeding



## S201 - Pro-Seed Drill

The Pro-Seed Drill is designed to efficiently and precisely sow seeds in rows at a controlled depth and spacing.

| SPECS | |
|---|---|
| **No. of Rows** | Upto 4 |
| **Mechanism** | Wheel Drive |
| **Working Width** | Adjustable |

## S203 - Potato Planter

The potato planter attachment is a specialized agricultural machine designed to plant potato seed tubers efficiently and accurately. Unlike seed drills, which handle small grains, potato planters are tailored for larger, irregularly shaped seeds like potato pieces.

| SPECS | |
|---|---|
| **No. of Rows** | 1 |
| **Mechanism** | Wheel Drive |
| **Working Width** | Fixed |



Stage 3

# Irrigation

## S301 - Surface E-Water Pump

The Sukoon Surface E-Water Pump attachment, powered by a 1.2kW BLDC motor, efficiently delivers water through a 2.5inch outlet pipe. Operating at 48v, it seamlessly integrates with both Sukoon's MT-750 and Solar Panels, making it the most economical solution for small to medium-sized farm irrigation requirements.




| SPECS | |
|---|---|
| **Motor** | 1200watt BLDC |
| **Input Voltage** | 48v |
| **Outlet Pipe Diameter** | 2.5" Inches |
| **Max Total Head** | 20ft. (Suction+Delivery) |
| **Discharge** | 17000 LPH |

Stage 4

# Inter-Cultivation

## S401 - E-Rotavator

The Sukoon Electric Rotavator is a highly effective and time-saving implement for rapid soil preparation. Its ability to pulverize soil, incorporate weeds and amendments, and create a fine seedbed makes it a valuable asset for many farming operations. Featuring the Proximity Power Distribution Technology (PPDT), the Sukoon Electric Rotavator attachment further enhances the cutting-edge capabilities of the Krishiraj MUFT by providing a noise-free, low-vibration, and low-running-cost operation.



| SPECS | |
|---|---|
| **Motor** | 1500watt BLDC |
| **RPM** | Variable (1 to 200) |
| **Working width** | 19" Inches |
| **Soil Penetration Depth** | 4" Inches |
| **No. of Blades** | 16 |
| **Blade Material** | Boron Steel |



Stage 5

# Spraying

## S501 - Boom Sprayer

The boom sprayer attachment is designed to efficiently apply liquids like pesticides, herbicides, fungicides, and fertilizers across large fields. It features a long, horizontal boom fitted with multiple nozzles that ensure wide and uniform coverage. Boom sprayers are essential tools for modern agriculture, contributing significantly to crop health, yield, and overall farm productivity.



| SPECS | |
|---|---|
| **Motor** | 750watt BLDC |
| **No. of Nozzles** | 10 |
| **Nozzle Distance** | 50cm |
| **Nozzle Type** | Flat Fan |
| **Tank Capacity** | 200 Liter |

## S502 -HTP Sprayer with Stand

Detachable HTP Sprayer powered by a pulley and wheels of Krishiraj MUFT. It comes with an easily installable stand. Spray Gun included. Pipe and roller are optional and sold separately.

| SPECS | |
|---|---|
| **Drive** | Puly via Wheels |
| **Suction Volume** | 12-22L/min |
| **Pressure** | 0-4M pa |
| **Max Throw** | ~25ft |



Stage 6

# Harvesting




## S601 - E-Reaper

The E-Reaper attachment is a valuable addition to the Krishiraj MUFT Family. This specialized harvesting equipment is designed to efficiently cut mature crops like wheat, barley, and paddy. Its primary function is to sever the stalks of the crop and lay them down in a swath or windrow for subsequent collection and threshing.

| SPECS | |
|---|---|
| **Motor** | 750watt BLDC |
| **Working Width** | 3' ft. |
| **Cutting Device** | Reciprocating Knife Bar |
| **Conveying Device** | Roller Conveyor Chain |
| **RPM** | Variable (1 to 1200) |

## S602 - Multi-Crop Thresher

The multi-crop thresher is a versatile and efficient agricultural machine that separates grains from various harvests like wheat, rice, and maize, eliminating the need for multiple machines and saving resources. It speeds up processing, reduces losses, and lowers labor needs compared to manual methods, while also minimizing grain damage.

| SPECS |
|---|
| As per requirement |





Stage 6

# Harvesting



## S603 - Chaff Cutter

The chaff cutter, a valuable agricultural implement, chops dry fodder like straw, hay, and stalks into smaller pieces for livestock feed. This machine improves fodder utilization by making it easier for animals to consume and digest, reducing wastage. By processing coarse fodder into palatable chaff, farmers enhance livestock nutrition, leading to better health and productivity. Chopped fodder is also easier to store and handle, contributing to organized farm management. Compatible with Krishiraj MUFT

| SPECS |
|---|
| As per requirement |

## S604 - Flour Disc Mill

The flour disc mill, a type of grinding machine, processes grains like wheat, maize, and millet into flour. It uses two abrasive discs, one stationary and one rotating, to grind the grain between them. Adjusting the gap between the discs controls the flour's fineness. Compatible with Krishiraj MUFT

| SPECS |
|---|
| As per requirement |



Stage 7

# Haulage



## S701 - Trolley with Brakes

The trolley is an ideal tool for inter-farm logistics, whether transporting harvested crops, bags of fertilizer, construction materials, or even the implements of the Krishiraj MUFT itself. With a carrying capacity of up to 500 kg, logistic operations become a breeze thanks to the instant torque provided by the Krishiraj MUFT.

| SPECS |
| --- |
| As per requirement |



# POWER THE FUTURE OF **FARMING TODAY**






sukoon


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