



SUPER

— Your Trusted Partner —

SUPER RS 2

**SEMI AUTOMATIC
ROTOR SPINNING MACHINE
WITH DSDC TECHNOLOGY**



DISPLAY CONTROL ENABLED

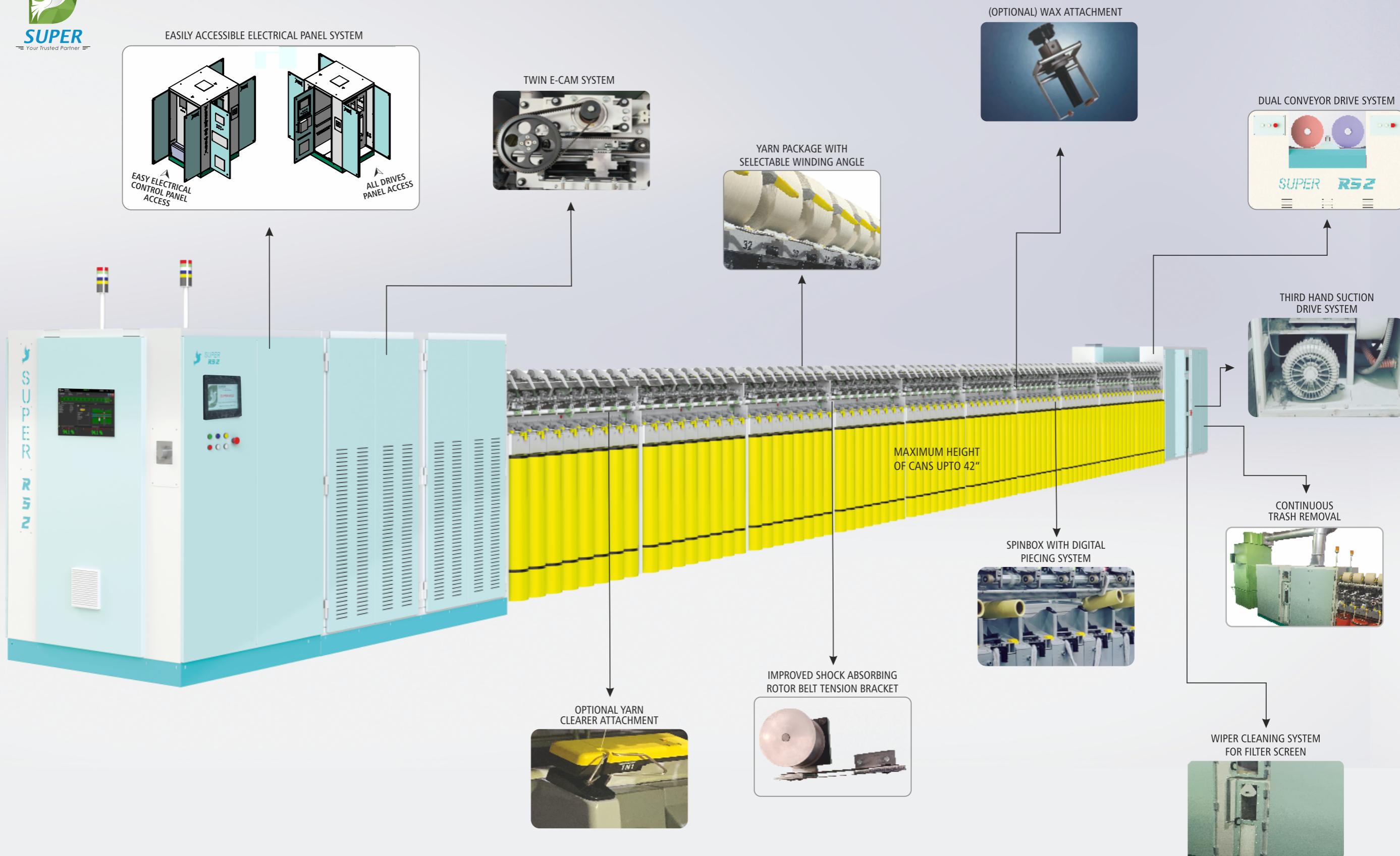


SPINNING SUCCESS...



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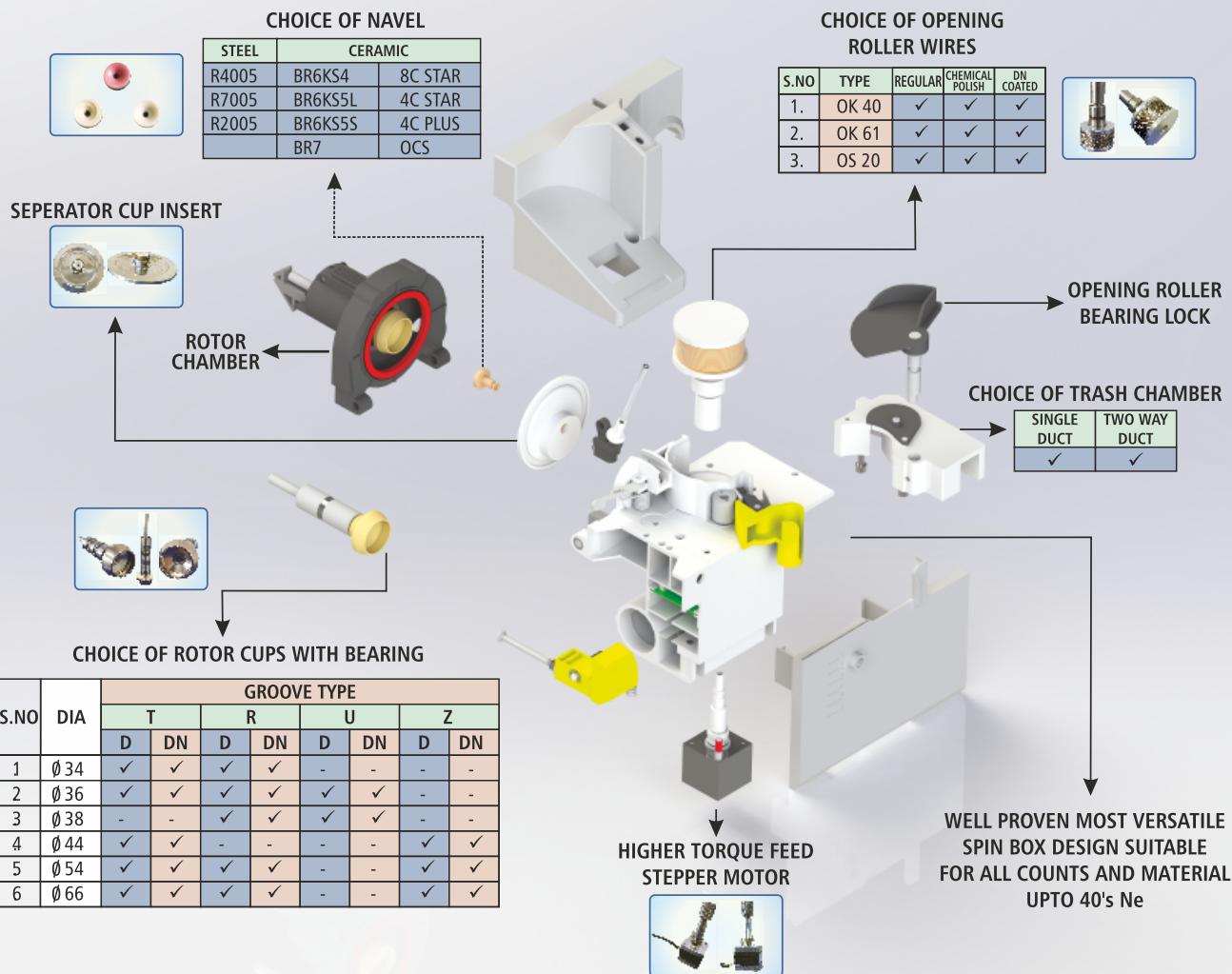


@ THE HEART OF SPINNING



SPIN BOX

- Totally Indigenously Manufactured In House with the latest Systems.
- Spin Box Parts can be easily mounted and removed without the need for any special Tools
- Simplistic Design reduces the machine down times and enables effective utilization of Manpower.
- Independent Stepper Drive Control for Feed Sliver Intake



Super RS 2 - 3^s Digital Piecing System



3^s Start-Stop-Spin

- Each spinning position is equipped with digital piecing technology, which enables quicker piecing.
- The perfect combination of sliver feed and package Lift-Drop mechanism with intelligent control ensures consistency of positive piecing and quality.



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DSDC Technology

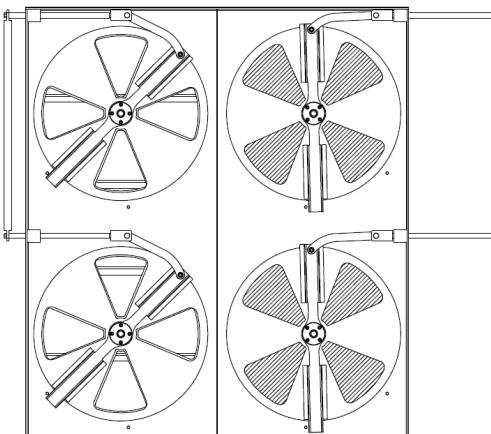
(Dual Side Dual Count Processing)

- Highly versatile with optimum machine utilization.
- DSDC enables to spin two different lots simultaneously on two sides of the machine.
- Better suitable according to current market demand.
- Lot changes are faster with separate controls on either sides for rotor drive, opening roller drive, set twist multiplier with individuals package conveyor belts.



Continuous Trash Removal System

- Eliminates the need of manual waste removal by operator and avoids unwanted trash filter chocking stoppages.



*patent applied

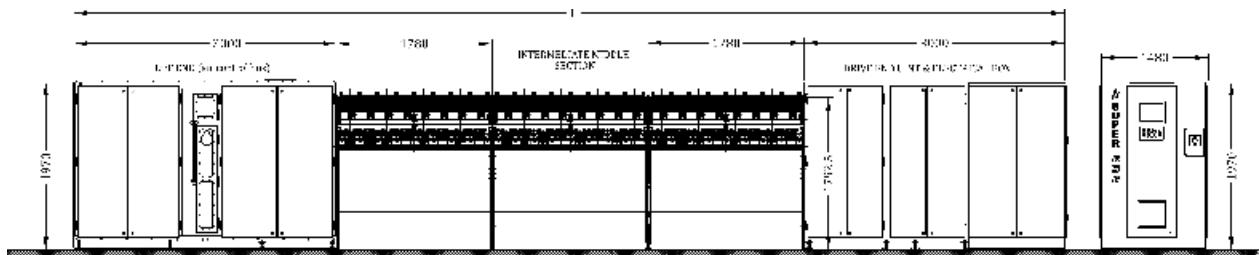


*patent applied

Super Four-Way Technology Air Suction

- Improves suction efficiency and reduces power consumption.

SUPER RS 2 FLOOR PLAN



No.of sections / Rotors	15/240	20/320	25/400	30/480	32/512
Length in feet / Meters	103.3/31.5	132.5/40.4	161.7/49.3	190.9/58.2	202.58/61.7

Technical Data

- ★ Yarn Count Range - 1 Ne to 40s Ne
- ★ Sliver Feed 0.08 Ne - 0.20 Ne
- ★ Fibre length upto 45 mm
- ★ Draft Range from 40 - 300
- ★ Maximum Rotor RPM upto 1,05,000.00
- ★ Rotor Diameter size from 32 to 66mm
- ★ Feed sliver Entry speed upto 14 m / Min
- ★ Yarn Winding Take up speed
 - a. Cheese Winding upto 180 M / Min
- ★ Yarn Traverse Length - 150mm
- ★ Winding Angle - 30° - 40° adjustable through the touch screen.
- ★ Winding package size
 - a. Cheese Head Upto 4.0 kg and 300mm diameter
- ★ Winding Tube Size
 - a. Diameter - 40, 44 ,50, 54.
 - b. Length - 170mm
- ★ Power Consumption Data will vary according to Total No. of Rotors

Salient Features

- ★ Maximum No. of Rotors - 512 Rotors (16 Rotors / Section)
- ★ Maximum No. of sections up to 32
- ★ Rotor Spindle Gauge - 210mm
- ★ Piecing parameters, Rotor Speed, Technological Air pressure setting, Take up speed, Winding parameters are all controlled by Touch Screen HMI
- ★ Dual conveyor belt provided for removing packages
- ★ Special Diamond Coating and DN Coating and Chemical Treatments are available as option for Opening Rollers and Rotor Cups.
- ★ Ceramic inserts with smooth, spiral and notched navels are available for special application.
- ★ Length measurement is incorporated for producing Yarn Packages with Specific Yarn Lengths
- ★ Technology Air Suction chamber waste is Automatically cleared by separate wiper.
- ★ Yarn Traverse Guide - Through Servo "E" Cam Motion , infinitely variable offset upto 4mm
- ★ Electrical Joint Spinning system is provided for controlling Yarn breakages during a Power failure.
- ★ Feed cans which can be accommodated. Dia : upto 16", Height : Maximum 42"



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Our Logo epitomizes our working culture

* The white Dove represents peace and harmony in the industry

* The green background represents a clean and healthy environment

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and grow together

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