



# SUPER D1

*Auto Leveller Drawframe*



**A SIMPLE STEP AHEAD...**



DISPLAY CONTROL ENABLED



ANDROID





## ABOUT US



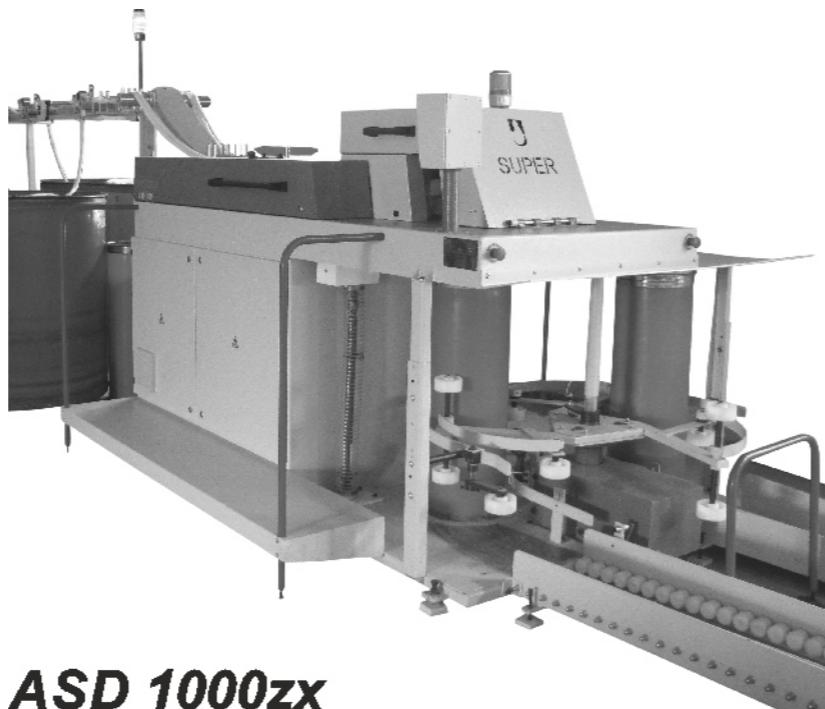
Super Group as it stands today, was started way back in 1984 with a vision to become one of the most advanced machinery manufacturer in the field of Textile and General Engineering.

The seeds of development for the group were planted by Mr. A. Thankavel, a natural Technocrat and Inventor, who started his career as a simple Textile Machinery Erection Engineer, to become one of the most successful industrialist in the field of Textile Engineering.

Our successful technological advancement in the manufacturing of Sliver and Apparel yarn making machines for more than two decades, has motivated us towards the development and manufacture of highly advanced Open End Spinning Machine, SUPER OS 480 to target the global markets.

We are an extremely motivated team, having top quality infrastructure, to meet out all the requirements from Research and Development, and maintaining High Quality Production Standards and excelling in Customer Service.

# *Evolution of SUPER D1*



**ASD 1000zx**

## CONCEPT

- Ergonomic Design
- Compact Space
- Better User Friendliness
- Innovative Automatic Can Changing System
- Reduced NVH levels  
(Noise Vibration Harshness)

## IMPROVISATION

- Higher Production
- Innovative D1 Trumpet for Automatic Sliver Insertion
- Superior Trash Removal
- Simplistic Maintenance
- WIFI Enabled Android Connectivity for HMI Display Control



**SUPER D1**



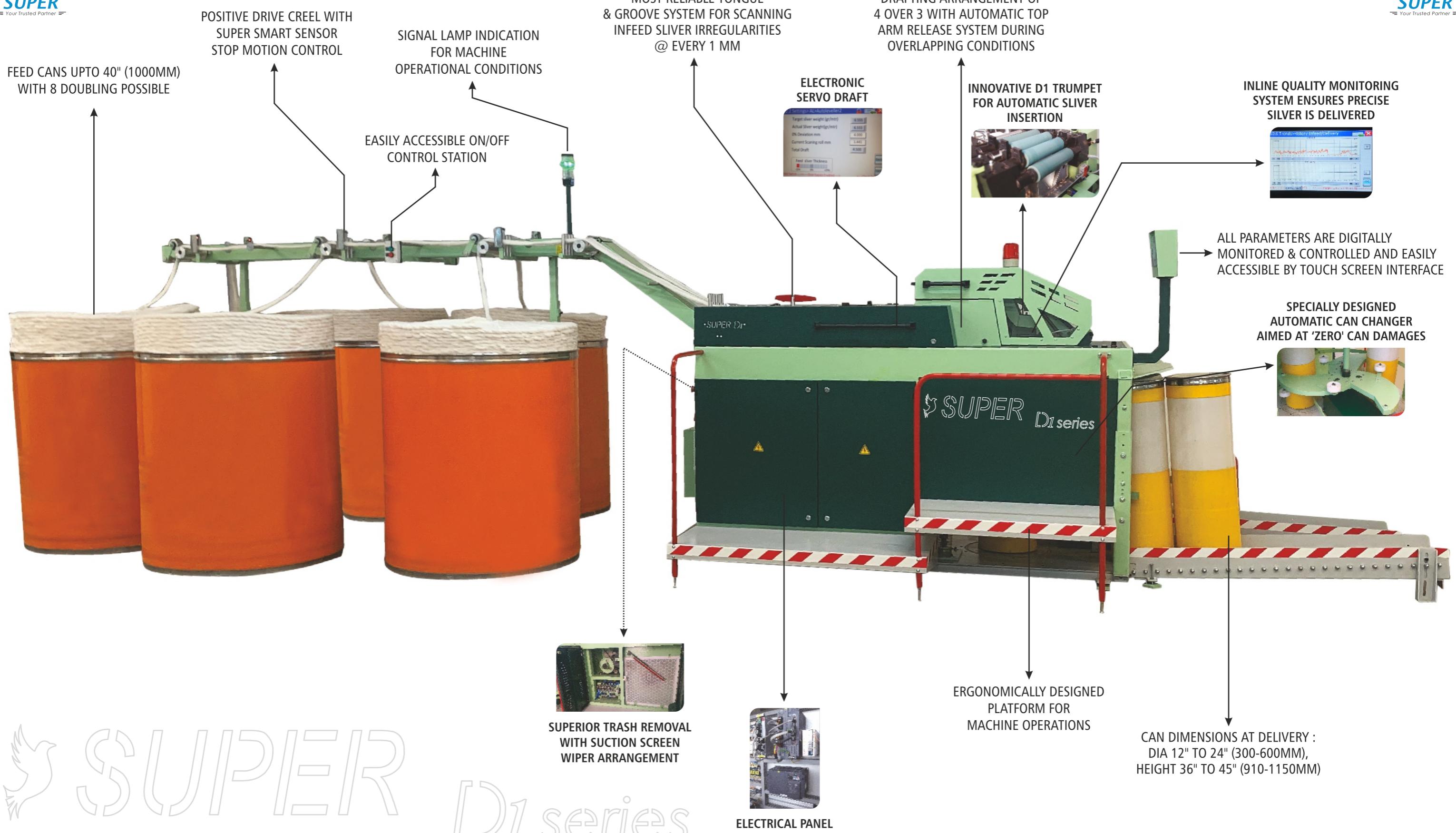
**SUPER**

Your Trusted Partner



**SUPER**

Your Trusted Partner



**SUPER**  
**D1 series**

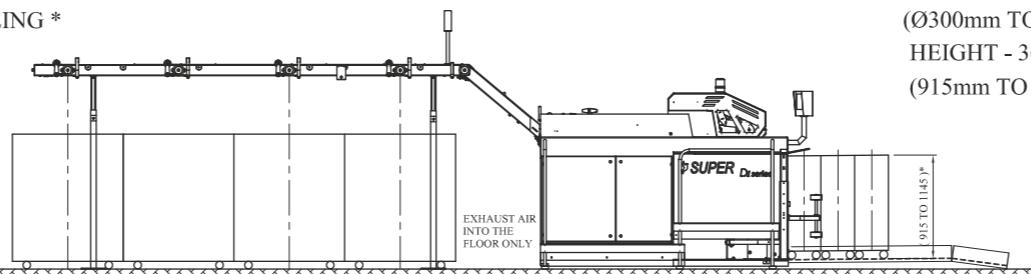


## SUPER - D1 DRAW FRAME FLOOR PLAN

### \*FEED CANS

UP TO 1000mm

UP TO 8 DOUBLING \*



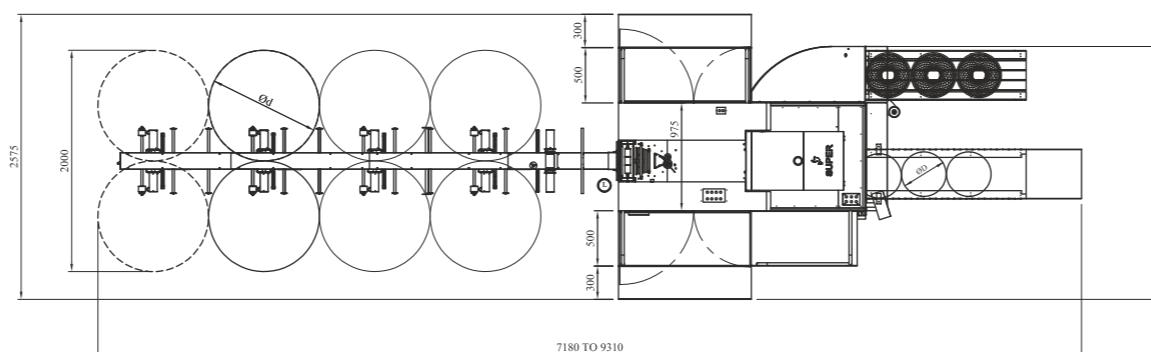
### \*DELIVERY CANS

FROM Ø12" TO Ø20" CAN DIA

(Ø300mm TO Ø500mm)

HEIGHT - 36" TO 48"

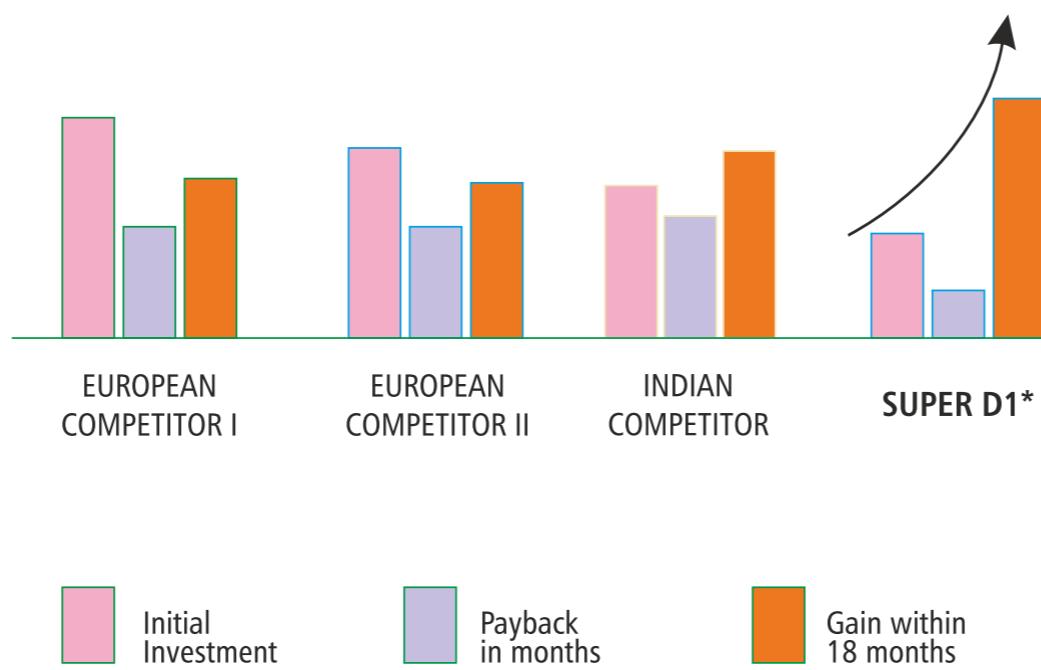
(915mm TO 1220mm)



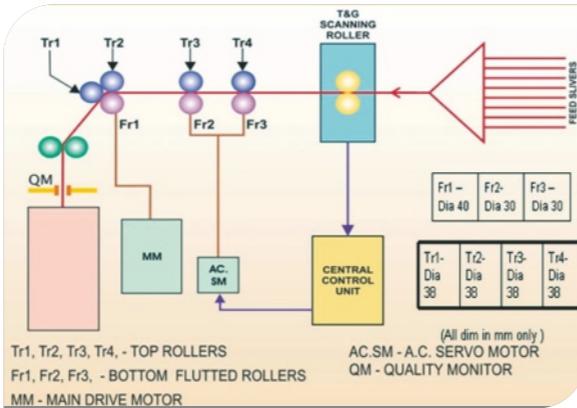
\* LAYOUT MAY SLIGHTLY DIFFER BASED ON CUSTOMER CANS SPECIFICATION.

## QUICKER PAYBACK WITH SUPER D1

\*12 TO 18 MONTHS



# SUPER D1 AUTO LEVELLING CONCEPT



Auto-Leveller Draw frames have become an integral part of a modern textile mill producing High Quality Yarns.



To bring the Auto-Leveller Draw frame within the reach of all the textile mills, we at Super Machine Works (P) Ltd. have developed an Auto-Leveller Draw frame at par with international standards and operating performance.

The Auto-Leveller System is built around latest High Technology Data Acquisition System, Hi Tech Sensors, Highly accurate AC Servo Motors and High Speed Industrial Plcs.

## Salient Features

- Most Reliable Tongue & Groove system for scanning Infeed sliver irregularities @ every 1 mm.
- Latest Electronic Servo Drafting System. (No Draft Gear change).
- Hi-tech AC Servo drive for maximum flexibility.
- The Main Drive Motor is controlled by VFD inverter drive.
- Innovative method of Automatic Sliver alnsertion in to the coiler.
- All parameters are Digitally monitored & Controlled easily accessible by Touch Screen Interface.
- Automatic Top Arm Release system during overlapping conditions.
- In Built Inline Quality Monitoring system.
- Cost effective compared to imported machines
- Automatic can changer comes as a standard fitment in all Machines.

## Technical Data

Model - Super D1	
No of Delivery / Machine	1
Maximum Delivery speed	up to 1000 Mts/min (Mechanical)
Draft Range from	4 to 10
Range of Staple Length	20 mm to 75 mm
Delivery Hank	up to 0.3
Drafting Arrangement	4 over 3
Normal Rating of Main Driver Motors	
(a) Main Motor	5.5 K.W
(b) Servo Motor	3.0 K.W
Normal Rating of Auxiliary Motors	
(a) Suction Motor	1.5 K.W
(b) Can change Motor	0.37 K.W
Feed Can Dimensions	Upto 40" (1000mm) and upto 8 Doubling
Can Dimensions at Delivery	Dia 12" to 24" (300-600mm) Height 36" to 45" (910-1150mm)



**SUPER**  
≡ Your Trusted Partner ≡

**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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