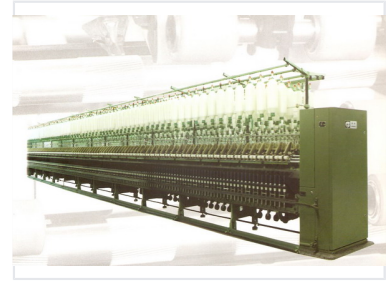


# Ring Spinning Frame for Yarn Production

This ring spinning frame is a high-performance textile machine designed for efficient yarn production. It is equipped with a sophisticated control system for precise speed and tension management, ensuring consistent yarn quality.



## Overview

### High-Performance Ring Spinning Frame

This ring spinning frame is engineered for high-efficiency yarn production in modern spinning mills. Featuring a robust design with advanced draft systems and precise speed control, it ensures consistent yarn quality while maximizing productivity. The machine supports a wide range of yarn counts and twist configurations, making it a versatile and reliable solution for industrial textile manufacturing.

## Technical Specifications

### Spindle Speed

**12000 rpm**

Min Speed

**20000 rpm**

Max Speed

### Lift

- 180
- 205

Yarn Count Range	4.9–97.2 tex (6–120 Ne)
Spindle Gauge	70 mm
Ring Diameters	!38mm, !40mm, !42mm, !45mm
Twist Range	230-1740 T/m

## Drafting System

### Draft Ratios

Zone	Ratio
Total Draft	10-50 times
Rear Zone Draft	1.06-1.53 times

Draft System Configuration	3 line rollers, double aprons (long and short), pendulum arm weighting
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## Operation

### Twist Direction

Z twist (single tension pulley) • Z/S (double tension pulley)

### Roving Creel Configuration

- Six rows (!152x400mm)
- Four rows (!128x320mm)