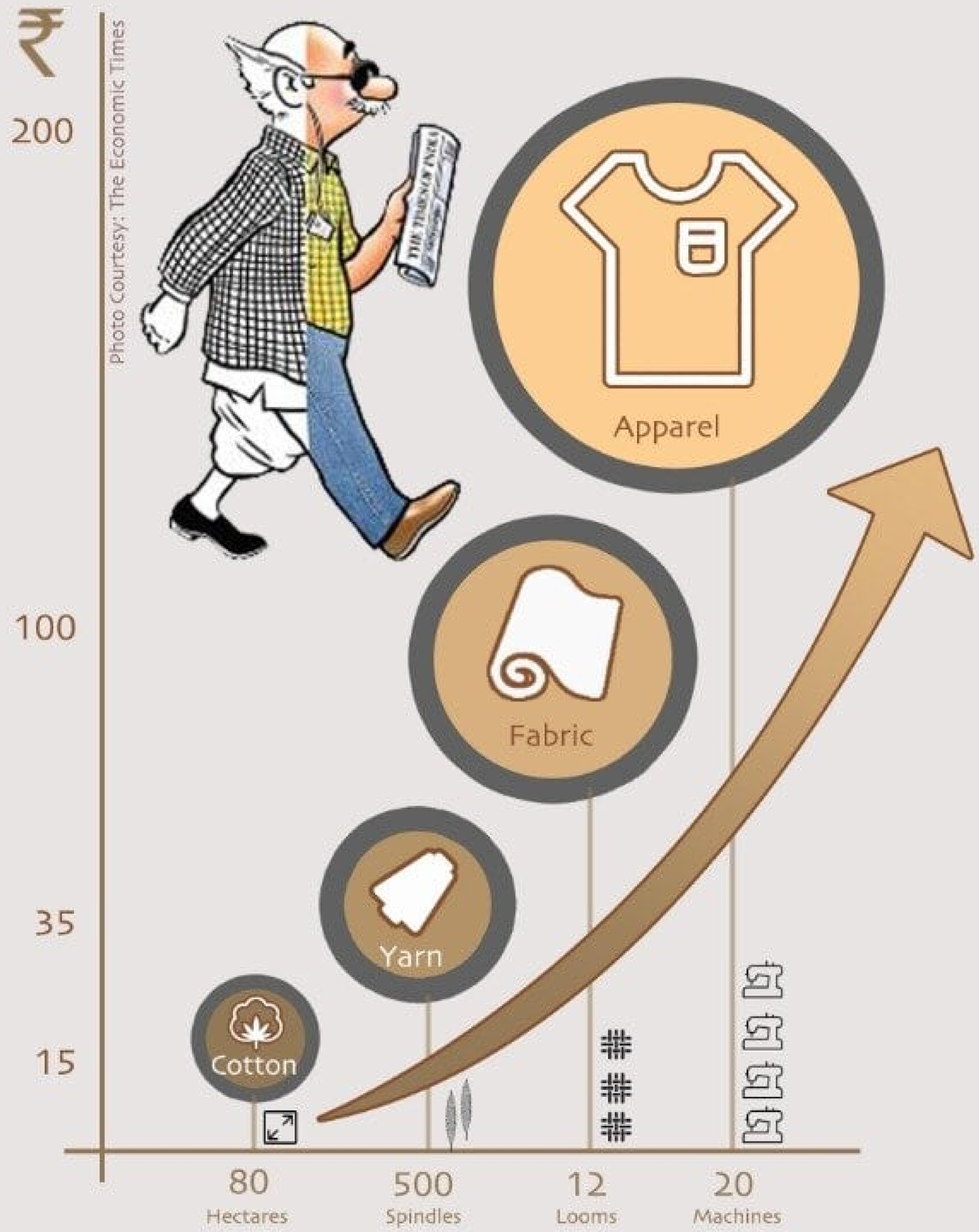
microspin

seamless integration

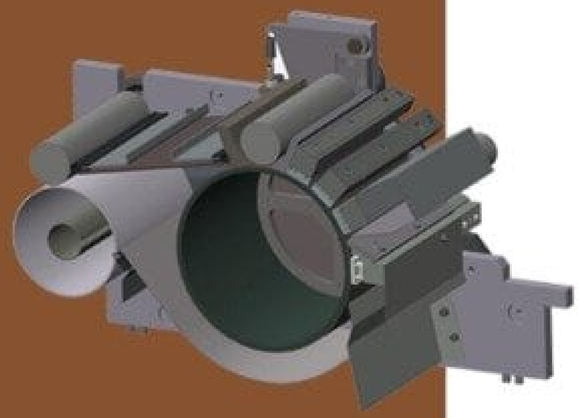


Creating value from cotton IS NOW WITHIN REACH

The Microspin Line

Microspin's minimalist approach to fibre processing (International Patent PCT / IN 2011 / 000856) ensures that the natural fullness and bounce of cotton is preserved.

Fibres are carded by aerodynamics and buoyancy, rather than brute mechanical action. No wonder, the fabrics exude a zest for life and a passion for colours.



blow-card®

Autonomous Coiler : Coiler not mechanically connected to the machine, giving flexibility of positioning.

Breakthrough Design: Integrating blow room line with carding in a small foot print

20's to 40's count Ne
Premium Textured

48 V DC

Electronic Speed Control, Overload protection

Aircraft - Grade Aluminium Chassis

Safe - Fully enclosed Open door protection

Input - 28+mm
Cotton Lint

Output :
Dia 24" x 42" Cans
0.12 - 0.15 hank

Delivery Speed:
25 m/min

Operating Space:
10' x 16'

draw-frame

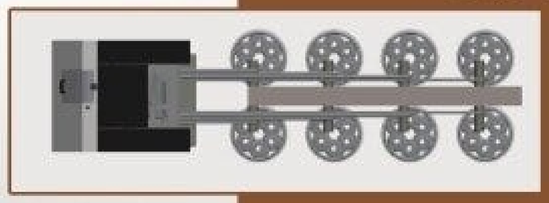
Input:
Upto 8 Slivers

Output:
Dia 18" x 42" Can
Size, Single Delivery

60 ~ 150 m/min
Electronically
Configurable

Operating Space :
8' x 16'

48 V DC



Breakthrough Design:
Integrating drafting zone
within the coiler foot print

Autonomous Creel :
Not mechanically connected to
the machine.

flyer-frame

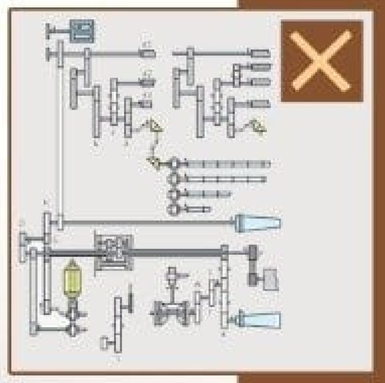
Input:
24 Spindles

Output:
Dia 6" x 12"
Bobbin

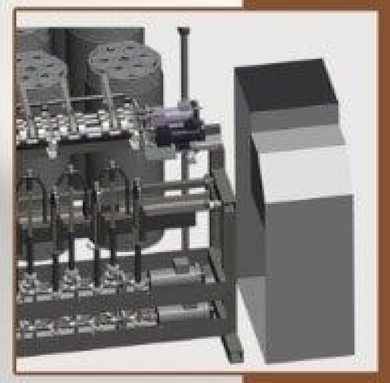
600 ~ 750 RPM
Electronically
configuralble

Operating Space:
28' x 8' - 2 Machines
12 Spindles each

48 V DC



Electronic bobbin builder:
No differential gears, double
cone pulleys and complex gear
trains.



Independent motor drives for
easy and flexible settings.

All machine specifications are liable to change, in keeping with our philosophy of continuous improvement

Ring Frame

64 spindle modules x 8 Nos.
Fully electronic controls,
with pneumafil extraction.

Upto 40's Ne | 12k RPM | 48V DC | Operating Space: 15' x 9'

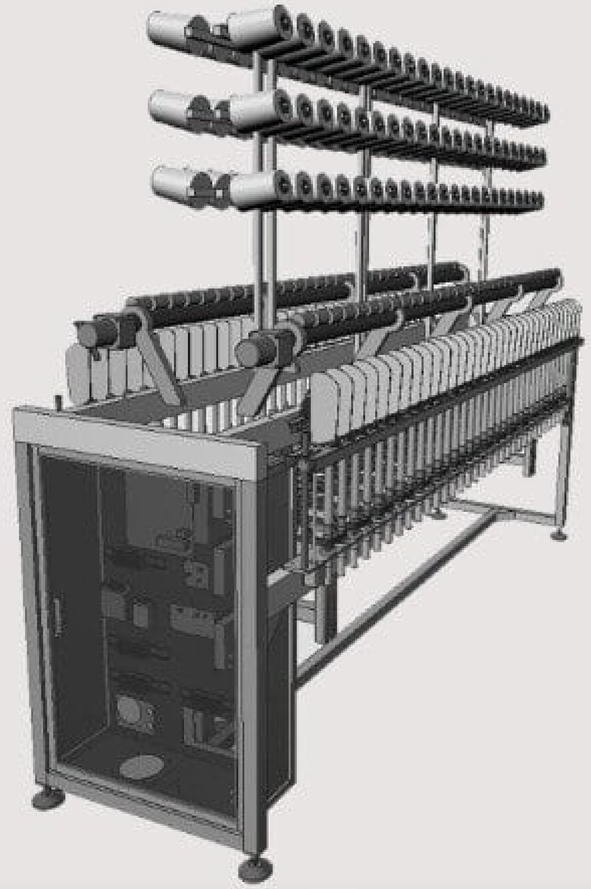
Cone winder

Flexible 24 Drum winder delivering
cones or cheese packages.

Electronic Speed Control, auto-stop | 500 m / min | Single phase | Operating Space: 32' x 14'

Ring doubler

Add strength to your yarns by
twisting two of them together!
64 spindle module x 2 Nos.



Electronic Speed Control | 10k RPM | 48V DC | Operating Space: 16' x 9'

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