

# ➔ FM20P horizontal rubbing frame with can delivery

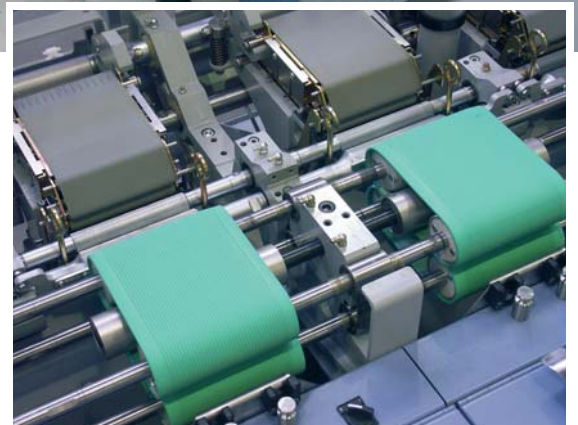


The FM20P horizontal rubbing frames process under the best conditions wool and long staple chemical fibres in the count range Nm 0.4 to 2 and can reach delivery speeds over 220m/min.

Like the other rubbing frames of our range, the FM20P stand out by their high reliability, their operational flexibility and their high productivity.

The FM20P horizontal rubbing frames with can delivery are very efficient:

- As fore-finisners in the preparation units for fine count yarns
- And for can feeding in the high speed spinning process: false, twist, air jet spinning,...



Double apron drafting system





Double apron drafting system

Designed by N. Schlumberger, it has the following characteristics:

- Feed cylinders
- Two positively driven double apron
- The pressure on feed cylinder is ensured by springs
- A draft assembly with twin draft cylinders pneumatic pressure.



The man/machine dialogue is achieved by a driving board with touch type screen terminal giving access to the functions of counting, tachometry, display, adjustment and help in diagnosis.

## FM20P horizontal rubbing frame with can delivery

### Technical characteristics\*

Processed materials	Wool, long staple fibres, blends	Draft cylinder diameter	25 and 50mm
Feeding	Creel for cans Ø 400, 500, 600 and 700mm, single and double end	Pressure cylinder diameter	65mm
Number of cans	6 or 8	Pressure on draft cylinders	80daN (approx. 80kg) by pneumatic ram
Pitch	355mm	Total nip	327.5mm
Rovings per can	2/4	Draft range	6.88 to 19.95 (by gear box)
Cans	Ø 500mm, height 1,000mm	Rubbing speed	1 horizontal zone 1,200 cycles/min maxi
Drafting system type	Double apron	Number of rubs	5 - 6 - 7 rubs/m
Maxi input load	12 to 15ktex according to the material	Rubbing apron width	160mm
Rowing weight range	0.4 - 2,5ktex/ Nm 0.4 to 2,5	Delivery speed	Up to 220m/min according to the material
Doubling	1 or 2	Compressed air pressure consumption	6 bar / 2Nm <sup>3</sup> /h
Feed cylinder diameter	40mm	Total installed power	22.5kW
Draft apron width	145mm		

\*Subject to modifications

 [www.nsc-fibretoyarn.com](http://www.nsc-fibretoyarn.com)

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