

Jumbolino II

Metar is pleased to present the Jumbolino II



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Metronic II

monostar

Jumbolino II

sigma

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Your Application :

- AC capacitors
- Power electronic
- Power factor correction LV
- Dual & Triple concentric winding
- 4 layers winding
- Traction capacitors

Main features

- Electronic control system, including Windows 2000 ⇒ increases performance & quality & reliability (AC brushless servo motors..)
- Dereeler unit (Metar design) ⇒ reduce drastically the wobbling effect
- Film tension control unit ⇒ from 60cN to 1600cN (for the metallized film)
- Pressure roller unit ⇒ soft or hard winded capacitor
- Thermo-welding control unit ⇒ new design, preventing overheat of the active element, keeps the temperature in a range of 5°C
- Human Machine Interface ⇒ oriented of user friendliness, multi language, long life TFT touch screen
- Core OD 9 to 50mm / ID cylindrical or hexagonal shape
- Winding speed ⇒ up to 7'000 rpm or 20m/s (maximum speed depends on film, quality requirement and operator)
- Film thickness ⇒ 2 to 12µm (below 4µm to be tested with customer film)
- Film width ⇒ 37.5 to 156mm
- New Function : **Control of the Jerk (toughness of acceleration)**, which allows to set a more or less **aggressive behaviour's of the winding station:**

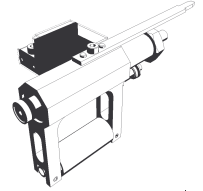
- ⇒ Soft behaviour
- ⇒ Medium behaviour
- ⇒ Hard behaviour

Top quality of winding or raw material difficult to wind
 Best compromise between quality and productivity
 Oriented highest productivity

For more information please contact us at

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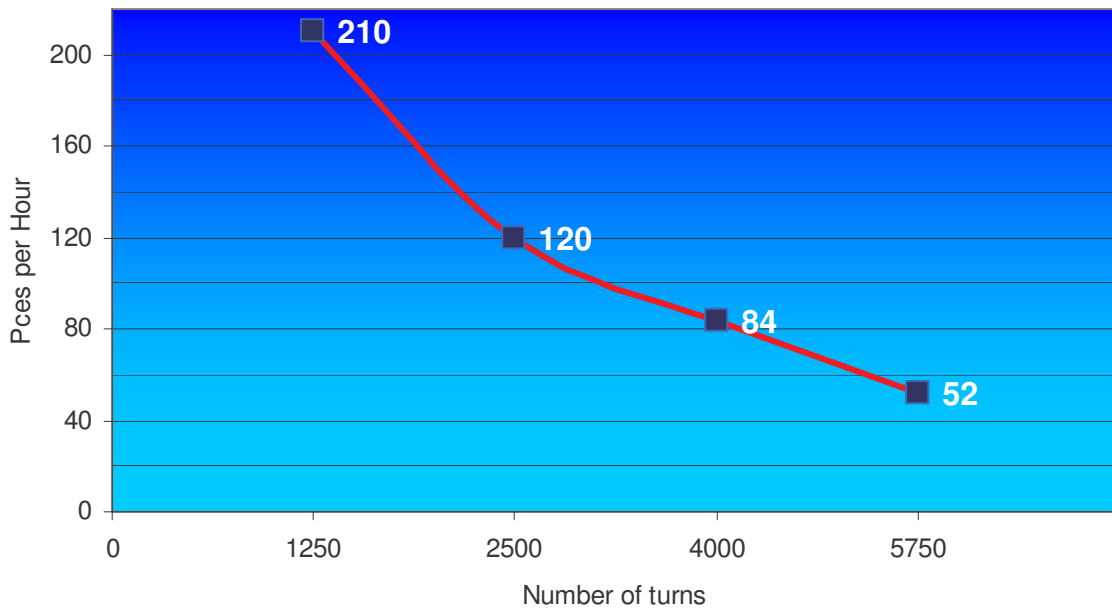
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Productivity Chart in double mode



Machine's parameters:

Initial burn-off : 2 turns
 Final burn-off : 2 turns
 Burn-off speed : 500mm/s
 Core diameter : 20mm

Max. winding speed : 7'000 rpm
 Final thermo welding : 5 turns (circular)
 Metallized film : 6 μ m
 Cover film : 5 turns

With Jumbolino II, you are prepared for the future :

- To work with the following options :
 - Automatic Positioning system of the dereeler, including cover film
 - Automatic Guiding system of the dereeler
 - Winding according to a fixed diameter
 - Winding according to a calculated capacitance
 - Variable film tension during main winding
- Metar is using brand new electronic control system, windows operated, which is the state of the art in term of electronic control system

For more information please contact us at