



## BATTERY SEPARATOR FILM PRODUCTION LINE

WET PROCESS  
MASIM TECHNOLOGY



## ADVANTAGES

- Ultra-thin clips and very small edges
- Excellent mechanical properties and tensile strength
- Controlled porosity
- 100% uniformity in all properties
- Excellent shrinkage index
- Improved output rates
- All clips are driven
- Increased productivity



# TECHNICAL FEATURES

**MARCHANTE**  
YOUR RELIABLE PARTNER FOR BI-ORIENTED FILM STRETCHING LINES



Complete line for the production of Battery Separator Film for LIB - Wet Process

The MASIM system has proven its efficiency to produce the thinnest and most uniform wet lithium battery films.

The end-user requirements of lithium battery separator films are priority and the system is designed to achieve the maximum stretching ratio and improve film mechanical properties.



**MASIM**  
L'S SERIES

**MASIM**  
**Simultaneous**  
**Stretcher**

- No roller contact
- Installation on existing lines
- Low operating costs and low production costs
- MD and TD stretching ratios can be adjusted independently
- Minimum edges and higher output rates
- Ultra-thin chain clips

Thickness

3-20µm

Ratios

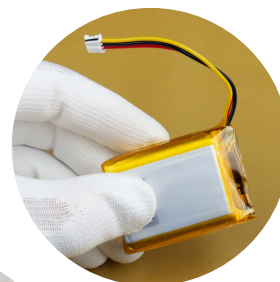
MD: 1:1 to 1:12  
TD: 1:1 to 1:12

Speed

150 m/min

Relax

MD up to 10%  
TD up to 20%



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