Modular Belt Series 551 PRO LBP  H=12.15  M=85

Energy
25% less energy consumed. Lower belt weight and smooth rotation of the rollers guarantee minimal backline pressure.

Easy clip
Easy and quick installation and use.

Radius in modules
Minimizes chordal action with transfer plate ø 50 mm.

Backline pressure
During accumulation phase, 30% less pressure on the product.

Pins connection
Improved pins and roller connection available pins in Plastic or SS.

Safe design
Reduced gaps between the rollers for a more secure solution.

551 PRO LBP, the new concept of accumulation: less noise, smaller in-line transfer area and lighter than the standard LBP chains and belts. These features offer an advantage in energy consumption, reduced friction and noise level. 551 PRO LBP is designed with a finger protection device between the modules.

The Difference with a standard LBP

GAPS BETWEEN ROLLERS

HEADSHAFT TENSION

BACKLINE PRESSURE

High performance
-30% Backline pressure
Improved roller and pins connection
Smaller head to tail transfers

Best Safety
Small gaps between rollers, to protect operator
Permanently fixed roller pins
Improved low noise

Energy saving
Low chain weight
Reduction of friction
Wearstrips in BluLub are recommended
Technical features and Product order Code

**Chain pitch:** 25.4 mm  
**Thickness:** 20.0 mm  
**Back-flex radius (min.):** 120.0 mm  
**Width:** increments of 85mm

**Belt pin material:** PBT  
**Roller pin material:** Reinforced PBT or Stainless steel  
**Direction of chain travel:** Bi-directional  
**Transfer plate length:** 50 mm

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**Belt Material**

**LFA - Code 01**  
Low friction Acetal

- **Max. w. load:** 41500 N/m  
- **Weight:** 26.9 kg/m²  
- **Temp. range dry:** -40° to 80 °C  
- **Temp. range wet:** -40° to 65 °C  
- **Pin material:** PBT white

**Roller Material**

**PFX**  
PBT with additives

**Patented**

**Stainless steel Pin**

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**Plastic Pin**

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**Version**  
Standard | Add A | With 1 Positioner | Add B | With 2 Positioners | Add C

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