

Your air. We care.

Spin TRAVCLEAN®



Automatic travelling cleaner for roving,
spinning, winding, twisting and
for warping and weaving

Luwa

A Division of the Zellweger Luwa Group

Spin TRAVCLEAN® – robust, reliable, low maintenance

Two drive concepts for different application uses:

- Belt drive: Basic, well proven system, reverse at track ends via plate spring, mechanical reverse facility for shifting direction when encountering an obstacle.
- Direct drive: For demanding applications, drive with gear motor, reverse and shift of direction via sensors, signal processing in internal control (PLC).

Advantages

- Proven reliability of operation
- Tailor made cleaning effects
- Low maintenance
- Easy installation

Characteristics

- Modular concept for the most varied applications
- Safe travelling on wide twin-rail track
- Sturdy construction with cantilevers
- Auto-reverse when hoses touch obstacle
- Automatic waste disposal system
- Removable filter for easy cleaning
- High filtering capacity thanks to twin filters

Options

- Customized blow-/ suction systems
- Auto parking during doffing
- Blowing arrangement for wharve cleaning and link cones
- Mechanical track end soft reverse facility for belt drive
- IR-Sensors for collision avoidance for direct drive



Continuous cleaning of the work area with the Spin TRAVCLEAN® considerably increases the machine's efficiency. Higher quality of the yarn will be assured due to the reduction of tread breakage and less fiber fly.

Technical data

No. of suction tubes	up to 2 per side, 125 mm Ø	
No. of blowing tubes	up to 2 per side, 125 mm Ø	
Filter surface	double filter: approx. 0.3 m ²	
Track	straight track	
Air volume flow (max.)	approx. 1750 m ³ /hr	approx. 2400 m ³ /hr
Pressure (max.)	2700 Pa	3200 Pa

Spin TRAVCLEAN® with belt drive

Motor capacity	2.2 kW, 50 Hz (2.6 kW, 60 Hz)
	3.0 kW, 50 Hz (3.6 kW, 60 Hz)
Travelling speed	Approx. 12 m/min

Spin TRAVCLEAN® with direct drive

Motor capacity	3.0 kW, 50 Hz (3.6 kW, 60 Hz)
Travelling speed	approx. 15 m/min

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