Luwa
Air Engineering AG



Facts

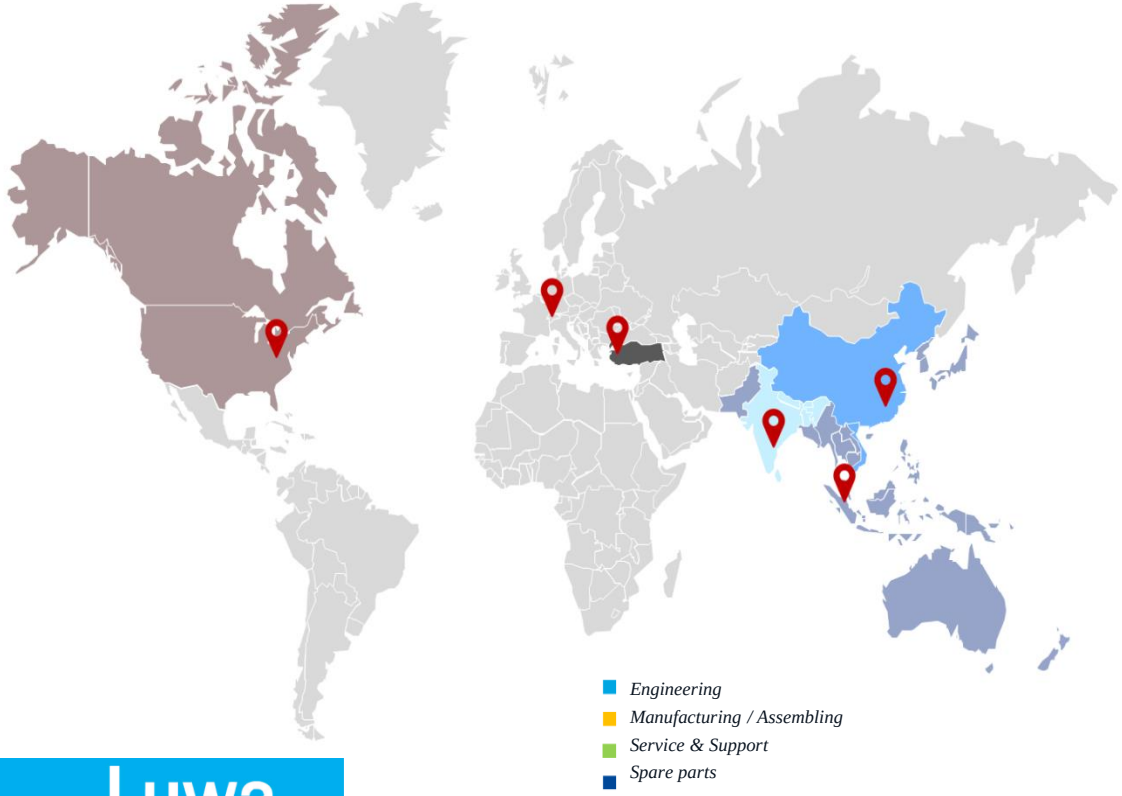
Head Office: Uster/Switzerland

Sales 2018: 75 Mio. CHF

Employees: 380

Industries: 70% Textile Industry
30% other Industries

Unique in acting globally, servicing locally





Luwa USA
Established: 2014
Staff: 6
Scope of services:



Luwa Switzerland
Established: 1935
Staff: 55
Scope of services:



Luwa Turkey
Established: 2013
Staff: 10
Scope of services:



Luwa India
Established: 1993
Staff: 160
Scope of services:



Luwa Singapore
Established: 1965
Staff: 10
Scope of services:



Luwa China
Established: 1997
Staff: 140
Scope of services:

Luwa


Luwa
2019: 25 Years Luwa India Silver Jubilee

Luwa Competences … (1/2)



… in Spinning



… in Weaving



… in Nonwoven / Technical Textile

Luwa Competences … (2/2)



… in Synthetic Fiber



… in other Industries



… in Heat Recovery

80+ Products for Textile Application



Air washer



Fiber waste condenser



High performance axial flow fans



Ceiling cleaner CIRCULAIRE®



Compact filter unit CFU



Pre-fabricated Air Handling Unit Luwair P



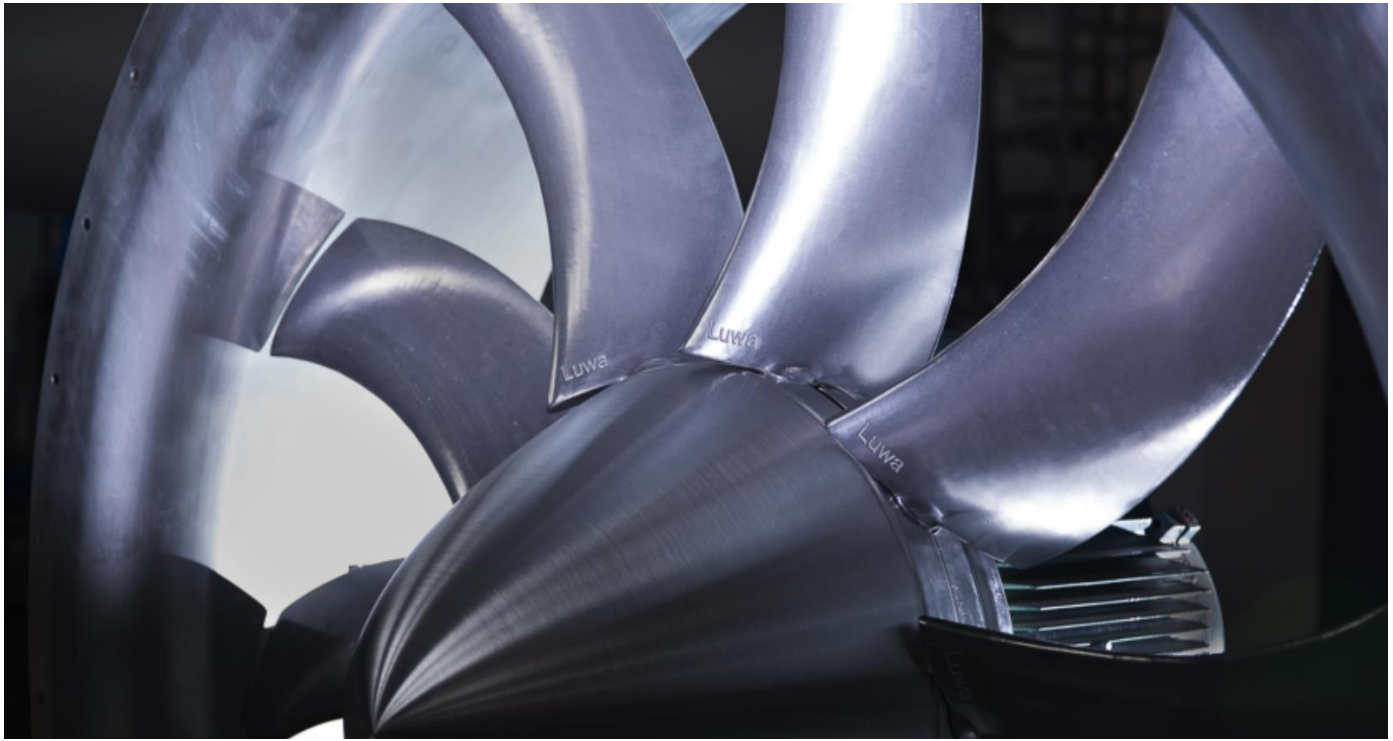
Baling press



Swiss made switchboard control system

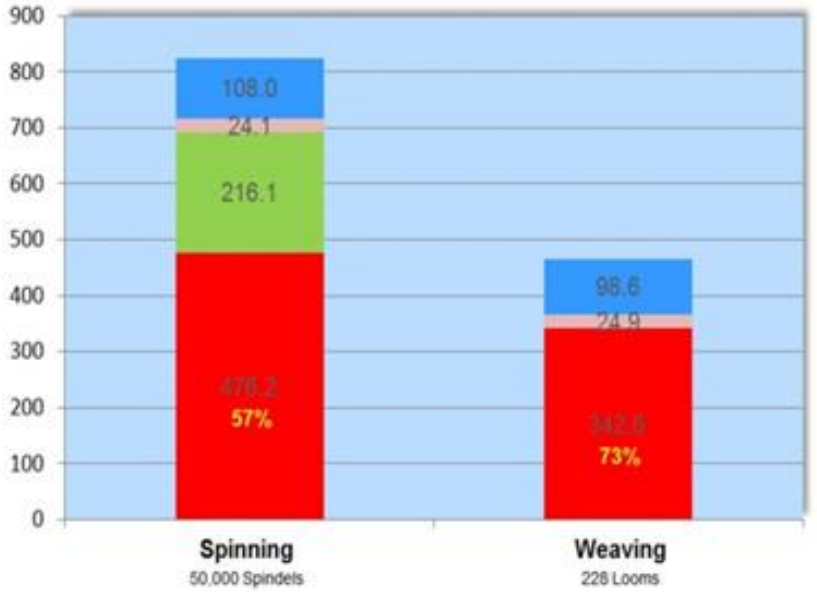
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B610 highest efficient Fan in Textile Industry (1/3)



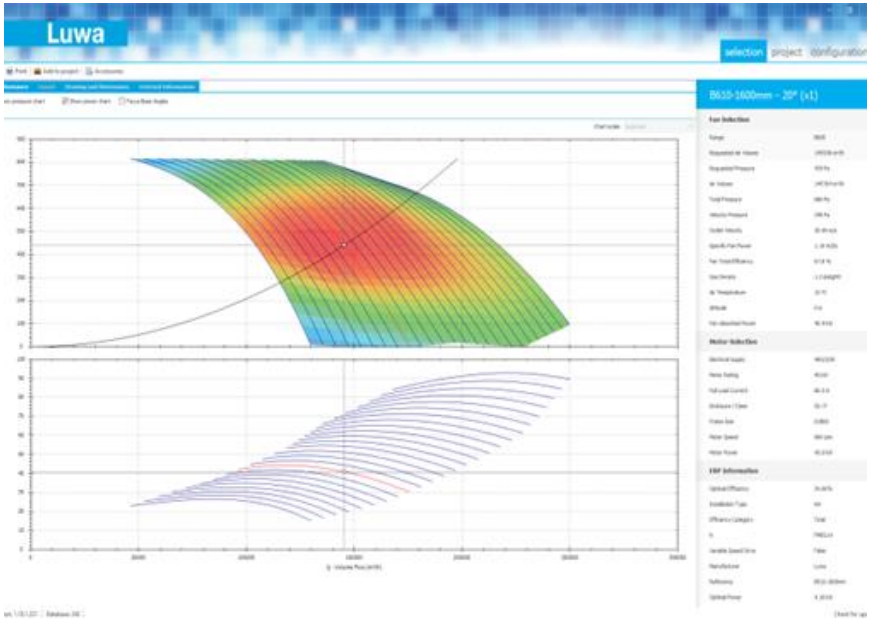
B610 highest efficient Fan in Textile Industry (2/3)

- 50 to 70 % of electrical power of a textile air conditioning plant is consumed by axial flow fans
- Luwa focuses on conserving energy of the equipment used in air conditioning plants



B610 highest efficient Fan in Textile Industry (3/3)

- Adapted fan design for range of operation in textile air conditioning plants
- Wide range of fan dimeters and numbers of blades to select always on best efficiency
- Selection software which selects always on best efficiency point
- Luwa fan test stand as per ISO norm



TexGuard® System – Integrated Fire Protection

- Required for silos in bale press systems, in blowroom lines and filter plants
- Sensitive spark sensors
- Fast acting discharge flap
- Container with spark extinguishing





Compact Filter Unit (CFU) with MultiCell Filter MCV

- Very low space required with new compact filter MCV
- High filtration area for lower power consumption
- Placed close to production machines → short pipes → lower power consumption
- Sturdy TexPac housing
- Easy maintenance with extra large doors



Luwa

swiss textile machinery

MCV Filter – 80% Space Saving versus LDF Filter

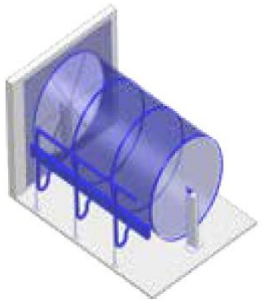


Rotary air filter LDF, Diameter 3 m, length 5.1 m.
In Picture without filter media

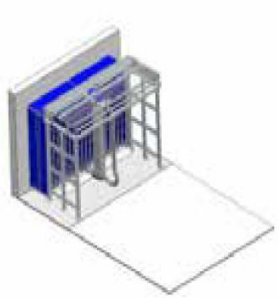


MultiCell filter MCV, Height 3.6m, Width 3.0m, Depth 1.2m

Comparison



Rotray filter LDF 30/51
Effective filter area: 40.5 m²
Air capacity 145,000 m³/h
Space requirement:
W: 4500mm, H: 3800mm,
L: 6400mm



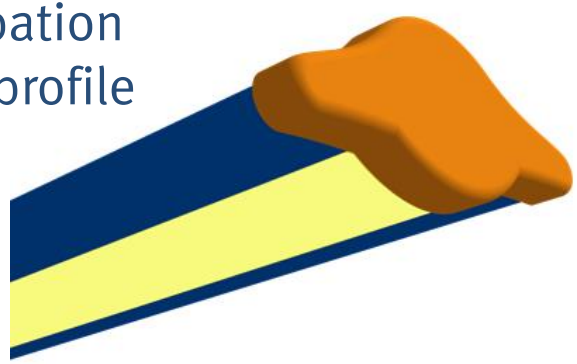
MultiCell MCV 1-19
Effective filter area: 48 m²
Air capacity 145,000 m³/h
Space requirement:
W: 3040mm, H: 3600mm,
L: 1200mm

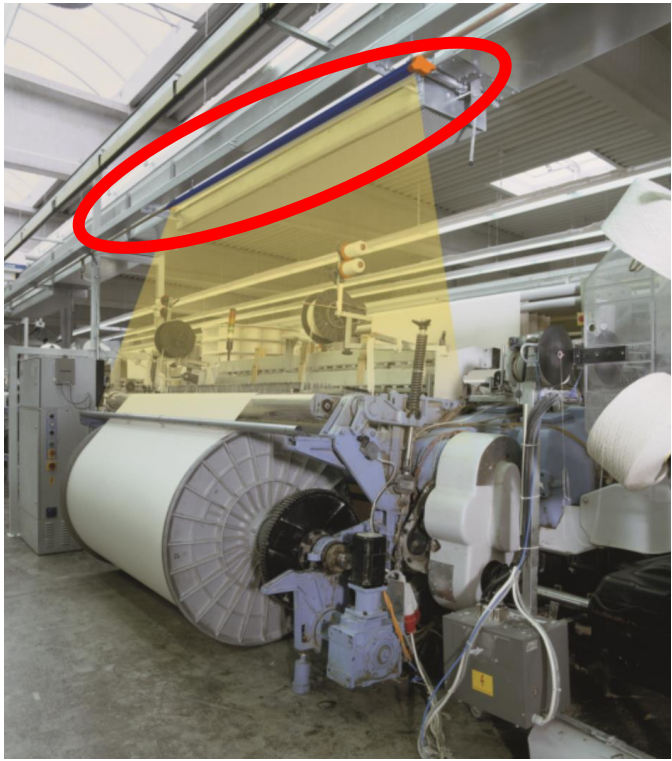
Immersion UV Lamp increases Air Washer Hygiene



LoomLite increases Energy- and Work Efficiency

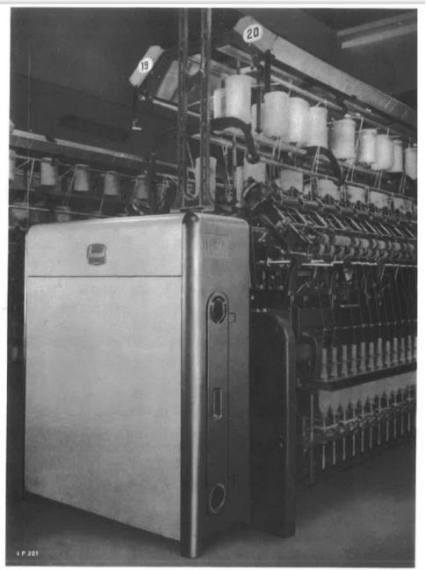
- Infrared sensor evaluates presence of operator → dimming when no one present
- Optimal illumination of machine and corridor → no above illumination needed
- Regulation of light output
- Optimized heat dissipation thanks to aluminium profile
- Integration into LoomSphere®





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Pneumafil Filter Products back to Luwa



PNEUMAFIL-Kammgarn-Filterkasten (Detail über Absaugdüsen siehe Vorderseite).
Boîte filtrante PNEUMAFIL laine peignée (détail des buses d'aspiration voir au recto).
PNEUMAFIL filter unit for worsted spinning frame (for detail of nozzles see on reverse side).

1946



1946

2019

Swiss Textile Machinery Pre-ITMA Press Conference, Lucerne 29-30 March 2019

swiss textile machinery

Luwa Eye Catching Booth Concept (1/2)



Luwa Eye Catching Booth Concept (2/2)



Luwa Gift for Visitors meets Swiss Textile Tradition




Luwa
looks forward welcoming you in hall H8.1 on booth A210!