# Luwa Air Engineering

# B600 axial flow fan – Saving energy





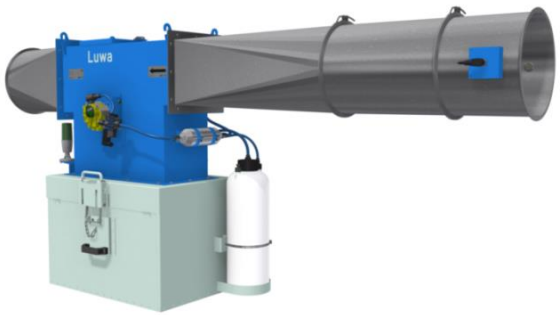

Axial flow fans are the main consumer of electrical energy in an air conditioning, humidification and filtration plant

Luwa has setup an engineering center having live fan test tracks as per ISO standards to develop and manufacture the best axial flow fans for the Textile industry.

The B600 fans features:

- ❑ sickle shaped blades for increased efficiency
- ❑ polished fan impeller for increased efficiency
- ❑ aero-dynamic hub cover for increased efficiency
- ❑ lower noise emission
- ❑ flexible configuration: 5,7 and 10 blades, 5 diameters
- ❑ selection software to select best configuration

# TexGuard – Integrated fire protection system






Sparks and resulting fires are a common feared problem in spinning mills. Cotton or cotton waste is transported inside the pipes which sometimes contain small metal parts that can create sparks and the resulting fires.

Luwa Texguard detect sparks well before they cause damage and eliminates them in a split second by diverting and extinguishing them.

## The TexGuard features:

- ❑ spark and metal detection sensors
- ❑ fast acting diverter flap (action time 50 ms)
- ❑ collecting container with extinguishing system
- ❑ stainless steel filter screen for filter protection
- ❑ full protection of entire blowroom lines, waste collection systems, filter systems and silo systems for baling press

Luwa



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