

# siegling transilon

conveyor and processing belts

## Amp Miser™

### Energy-saving conveyor belts

Energy consumption reduced by up to 37 %  
= Fewer CO<sub>2</sub> emissions  
= Lower operating costs



# Amp Miser™

## Energy-saving conveyor belts



Forbo actively pursues its corporate objective to maximise product value and environmentally friendliness. On this basis, we carry out research and development in close co-operation with OEMs and users. We help our customers to be successful with increasingly new developments and innovations. Amp Miser™ conveyor belts are the latest example.

### The properties

very flexible with an innovative smooth layer

energy saving

less power consumption required

lower noise emissions, typically by about 3 dB

### The advantages

▶ up to 37% energy savings compared with traditional conveyor belts

▶ fewer CO<sub>2</sub> emissions, lower operating costs

▶ enables longer conveying lines with just one drive

▶ environmentally friendly, due to low noise pollution



tested the Forbo/Siegling new "Amp Miser" belts and have produced a 39.9% reduction in energy consumption

**Example calculation** for a baggage conveying system in a large airport with 45 million passengers annually.

Previous energy costs/month	200.000 US \$
- Energy costs/month after conversion to Amp Miser™ conveyor belts	140.000 US \$
= Savings/month (-30%)	60.000 US \$
= Much lower CO <sub>2</sub> emissions	

**Amp Miser™** conveyor belts (patent pending) have been used successfully in long-term trials at Cage Inc., American Airlines, Southwest Airlines and Denver International Airport.