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New Technologies: Success of high pressure application in industry

Processing

Better control of process and product quality

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IFFA Preview

**Cross-border sales
more common in future**

Safety

**Case for more stringent
hygiene measures**

Market

**Prospects in a declining
sheep meat production**

Research & Development

**Consumer acceptance of
alternatives to castration**



High hygiene levels and low costs

Volta Belting Technology Ltd (Karmiel, Israel) presents its Volta Positive-Drive Line belting. The Positive Drive belts have a smooth homogeneous surface and integral teeth on the drive side. The homogeneous character makes sure that there are no crevices



where bacteria may harbor making cleaning simple. Volta's environment friendly belts allow drastic reduction in water usage and converts cleaning time to precious production time. The Positive Drive belts design allows the teeth to function as a guide for the belt. This special feature completely eliminates off-tracking, slippage and belt damage. As the teeth are an integral part of the belt, they have no weld points that may break under load and moreover, the lack of modular components or joints reduces noise levels to a minimum.

The range includes 3 positive-drive belt types: SuperDrive™ is running in demanding food processing applications worldwide and has proven to be a good choice where hygiene control and conveying efficiency are essential. Integrated teeth on the drive side function as a positive drive system and guide the belt reducing tensioning and off-tracking. DualDrive belt is ideal for direct replacement of existing modular belt applications with no retrofit requirements. Volta pulleys can be easily mounted on square shafts and locked in place. This dual function belt can also be used with 'teeth' facing up, acting as mini cleats. DualDrive SP is a good choice for light conveyor constructions. The 50 mm pulley diameter offers a tight transfer of the end product between conveyors, reducing product loss while hygiene levels remain excellent.

 www.voltabelting.com