



Tubular push
conveyor TUBO.
LBGA.

Flexible and hygienic. **The extra push for your system.**

The innovative conveyor system TUBO LPGA sets new benchmarks in material transport in mills. Unlike conventional systems, the TUBIT pushing elements don't pull flour, semolina, or grains – they push.



Flexible, product-friendly, hygienic, and safe – this and much more characterizes our pushing elements TUBO LPGA. Energy requirements are massively reduced in comparison with pneumatic conveyor systems and the layout can be extremely flexible.

Flexible use.

The TUBO LPGA is suitable for the vertical or horizontal conveying of free-flowing or non-free-flowing products at the following throughput:

- Flour: max. 16.2 tons/hour
- Grist: up to about 8.5 tons/hour
- Semolina: up to about 16.0 tons/hour
- Grains: up to at most 18.2 tons/hour



Features of the TUBO LPGA.

	Advantages over pneumatic conveyor systems	Advantages over mechanical conveyor systems
Low energy requirements	•	
Flexible system planning		•
Gentle product transport	•	
High hygienic standard		•
No ATEX precautions necessary	•	•
Less drying out of flour	•	
Reduced height requirements		•

Gentle and safe. The right transport system.



Highest sanitation standards.

TUBO LPGA provides low-residue product conveying as well as nearly complete emptying of the pipes. At the same time, the TUBIT pushing elements prevent unmixing of the product.

Gentle product transport.

TUBO LPGA minimizes breakage thanks to friction-optimized product conveying. Despite low transport speeds, high conveying volumes can still be achieved. Moreover, the weight loss due to drying of the product is greatly reduced in comparison with pneumatic conveying elements.

Flexible system planning.

TUBO LPGA permits three-dimensional transport, thanks to its loose pushing elements. That reduces the number of transfer points. This makes flexible layout planning possible with multiple intakes and discharges while keeping system height less than other mechanical conveyor elements.

Maximum safety.

TUBO LPGA eliminates the need for additional explosion protection measures by relying on closed transport at low speed. That protects your products and your investment.

Technical data.

	Throughput (tons/hour)			Conveying distance	Layout	Pipe diameter	Piping variant
TUBO 5	Flour:	at most	10.7	up to 25m vertically at maximum throughput	Vertical and horizontal combined	5" (OD 139.7mm)	Normal steel or stainless steel
	Grist:	at most	5.6				
	Semolina:	at most	10.6				
	Wheat:	at most	12.0				
TUBO 6	Flour:	at most	16.2				
	Grist:	up to about	8.5				
	Semolina:	up to about	16.0				
	Wheat:	up to at most	18.2				

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