



BRUKS TUBULATOR™

With more than 500 installations worldwide, the BRUKS TUBULATOR has developed into the smartest transport system on the market.

A BRUKS TUBULATOR has up to 40 % higher capacity than comparable conventional belt conveyors. Low maintenance cost, low noise level and no need for catwalks are further advantages.

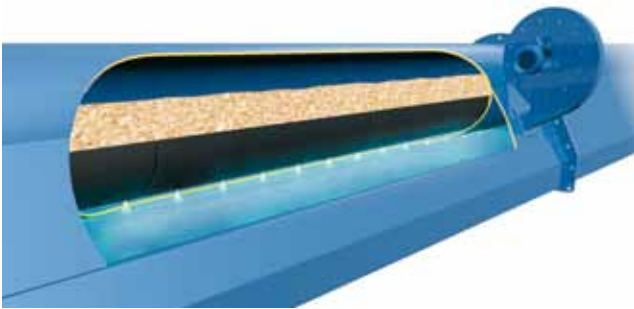
This fully enclosed transport system lives up to the most rigorous environmental demands for dust-free, spill-free as well as silent operation.

Chips, sawdust, bark, pellets and other bulk materials are transported at high capacity with low energy consumption.

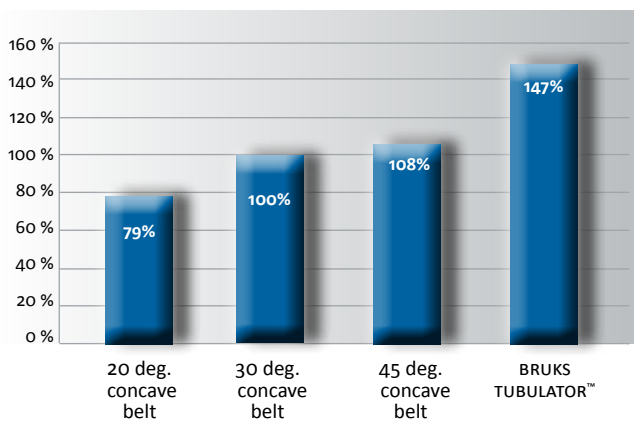
BRUKS TUBULATOR™ with Air Cushion

BRUKS TUBULATOR uses low-friction technology. The conveyor belt runs on an air flow created by external low-pressure fans.

The bulk goods are transported on a standard belt.



High Transport Capacity



Easy to install with pre-assembled sections



Assembly on the ground

Low Operating Costs

- Low-friction air cushion technology means low power consumption.
- No-load power is much lower than for conventional belt conveyors.
- Much less clean-up and supervision needed.

Low Maintenance Cost

- Low belt wear
- Minimum of moving parts
- Fans can be mounted at ground level
- Minimum of wear and spare parts

Environmentally Friendly

- Low noise level
- Completely closed system
- Dust- and spill-free

Well-Tried

- More than 15 years of operating experience
- Several hundred units in the wood-processing industry
- Conveyor lengths: 20–500 m



Lifting of pre-assembled sections

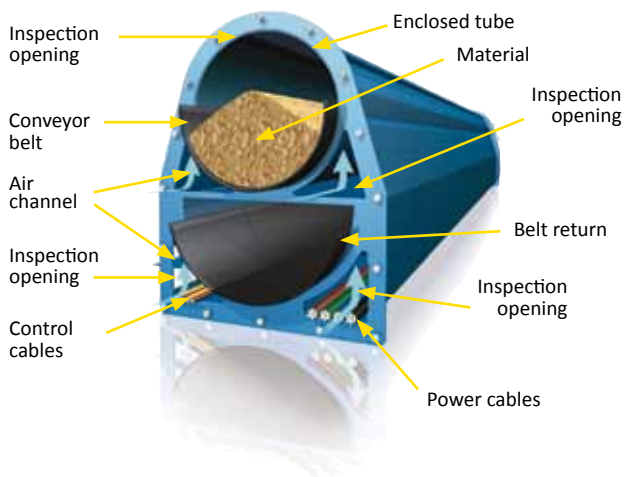
Technology

High and Long

- Self-supporting up to 25 m
- Steel tower support allows
 - heights more than 30 m above ground level
 - up to 75 m between cable supports
 - total conveyor lengths up to 500 m.

No catwalks needed; smart design

- Electrical and control cables can be mounted inside the air channels
- No separate cable support needed



Conveyor in position



Suitable bulk materials for TUBULATOR transport

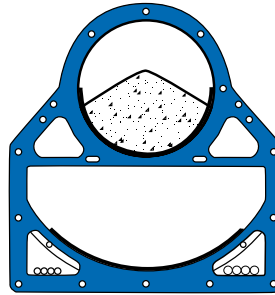
Bulk Material	Typical Density, kg/m ³	Lump size (up to max.), mm
Wood chips	200-400	0-100
Sawdust	200-400	0-100
Size-reduced bark	200-400	0-100
Pellets	600-700	0-75
Bagasse	120-175	0-100
Plastic waste	400-600	0-75
Limestone	1350-1600	0-50
Coke	570-650	0-50
Crushed coal	800-1100	0-50
Ash	550-850	0-50
Sludge	800-1000	0-50
Shredded garbage	450-550	0-100
Size-reduced wood waste	350-550	0-100

Conveying capacities at belt speed 150 m/min.

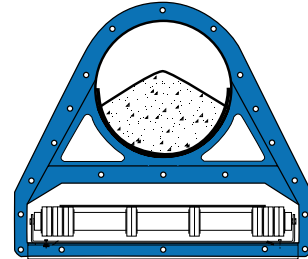
Air-cushioned return	CT518	CT830	CT1036	CT1248	CT1454	CT1660
Idler roller return	CT500	CT800	-	-	-	-
Belt width (mm)	500	800	1000	1200	1400	1600
Capacity (m ³ /h*)	300	800	1200	1800	2500	3300

*chips with bulk density 350 kg/m³

Alternative Belt Return



Air-cushioned return



Idler roller return

