

U-TUBE

Bulk material transport in a tube guided belt with different inclinations. Auto-centred conveyor belt wrapped around in the tube authorizing a higher capacity.

Design characteristics

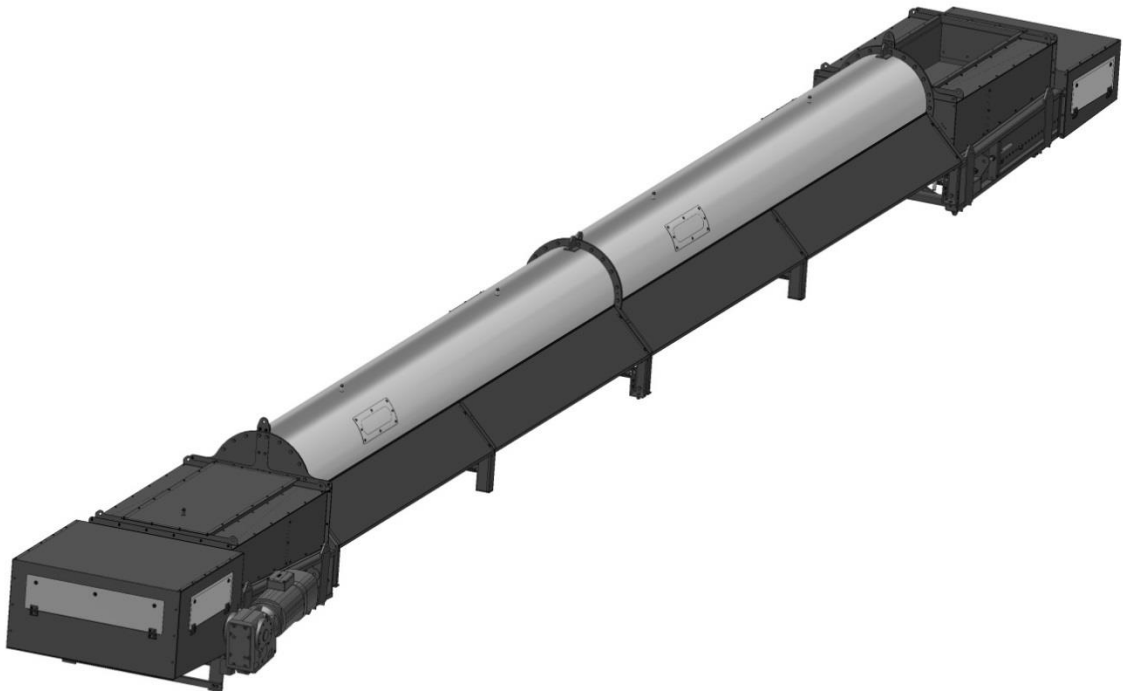
- solid and robust structure design
- transport units easily adaptable in length
- front scraper
- speed switch
- belt alignment switch
- infeed chute
- air-assisted conveyor belt
- outlet chute, eventually dust filter, weighin dynamic section or metal separator included
- design standard and return casing dust proofed with optional dirt/dust discharge
- separate electric control may be included
- modular system, module length of 6 or 12 m
- self-supporting steel structure with clear span of 12 m or 24 m
- reversible transport direction possible
- modular design for easy assembly
- inclination up to 30 degree

Applications

- bulk material reception
- conveyor
- ship loader, mobile conveyor loading & unloading station for truck, wagon, silo, bunker

Kundennutzen

- preservation of environment and workers operating
- keeps the product unchanged
- low maintenance cost
- low energy consumption
- tight
- silence



Technical data		406 UT 650	508 UT 800	630 UT 1000	710 UT 1000	813 UT 1200
• U-Tube						
Tube diameter	[mm]	406	508	630	710	813
Belt width	[mm]	650	800	1000	1000	1200
capacity *)	[m³/h]	100	200	300	400	500
capacity *)	[t/h]	100	200	300	400	500
motor	[kW]	2,2-22	5,5-55	7,5-75	7,5-75	11-90
• execution	CE declaration of conformity ATEX: standard no ex-qualification / Alternatives: Ex II 3 DG Pipe in normal steel S235, S355 or stainless steel 1.4301					

*) capacities (m³/h) at a belt speed of v= 1m/s for a φ= 30° angle of repose and bulk densities of ρ= 1.000 kg/m³