



T11 DVP SERIE

STORAGE AND DISTRIBUTION OF NON FREE FLOWING PRODUCTS



Product integrity respected



Handling without demixing



Dosing device

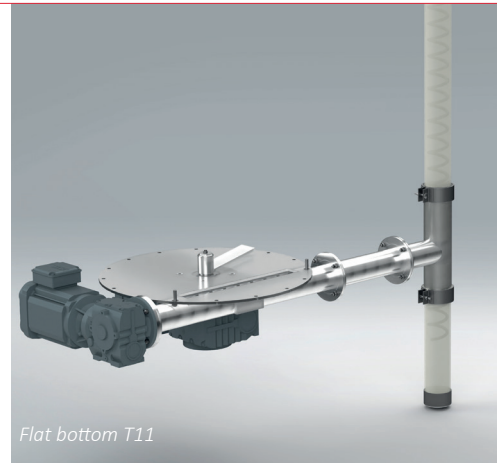


Anti-bridging feeding

The feeding of powders, chips, scales in hopper storage, silos or bulk bag... is sometimes complicated by bridges, chimney hole forming or compacted product blocks.

The 11 serie is designed for the handling of difficult products.

It integrates **anti-bridging** or **feeding** systems, with low rotation to ensure a constant product charging with throughputs up to 20 m³/h.



Flat bottom T11



Conveyor

transitube

DESIGN

- Tube anti-abrasive- Polyamid- AISI 304/316
- Emptying / quick disconnect
- ATEX material Category 1D
- Anti-residual conception
- Surface : Epoxy coating / microballing blasted /polished
- Paddles : simple / double / with scrapper / with vertical parts / disconnectable
- Up to 4 feeding exit following DN

PERFORMANCES

- Hermetical system
- Distribution up to 2m
- Vertical elevation up to 20m
- On charge start and stop
- Constant throughput
- Start angle up to 90°
- Radius curve from 2,5m
- Output from 0,2 to 20m³/h
- Rotation speed : 200 to 1000 RPM
- Motors SEW- IE3- IP 55/65
- Power from 0,75 to 3 kWh
- Protection from corrosive atmospheres

OPTIONS

- Dedusting hood
- Operator platform
- Possible flange coupling with your machine
- Porthole for hermetical visual inspection

Dosing

Welded or flanged cylindrical hopper

transitube

Rotating paddles

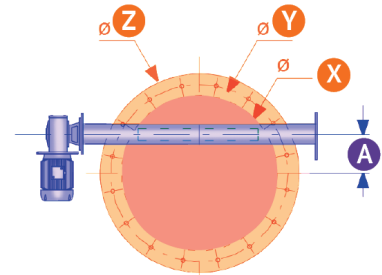


T11 SERIE



Carbon steel / AISI 304 / AISI 316- Thickness 2 to 8 mm- TIG Welding- ATEX 1/20

Flat bottom for flanged hopper				
∅ X (mm)	Vol. maxi en charge	∅ Y (mm)	Holes nb	∅ Z (mm)
400	0,5 m ³	440	12 x ∅ 10	470
600	2 m ³	640	16 x ∅ 12	670
800	10 m ³	850	16 x ∅ 12	880
1000	60 m ³	1050	24 x ∅ 12	1080



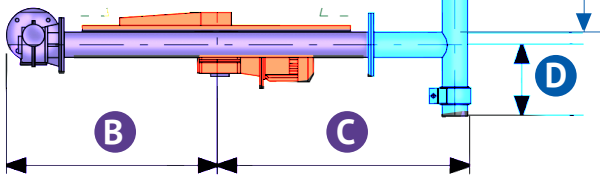
Sketch Top view

Dosing system / anti-bridging		
A (mm)	B (mm)	C (mm)
135	460	450
160	585	575
160	660	650
235	720	795

Air volume / DVP hopper	
DN	Volume H.500
400	60 L
600	140 L
800	250 L
1000	390 L

Lg	D mini
2,5 m	250 mm
6 à 10 m	300 mm
11 à 15 m	350 mm
16 à 20 m	400 mm

Sketch Side view



Dimensions and flexibility of the Transitube - T11					
T	∅ external tube (mm)	Indicative weight tube and spiral*	Output (L/h)	Radius Mini R	Length max Lg
51	48,3 / 51	1,5 kg/m	de 100 à 500	2,5m	12m
82	76,1 / 80 / 96	3 kg/m	de 1500 à 3000	3m	20m
90	84 / 90 / 103	3,5 kg/m	de 2500 à 6000	3m	20m
115	104 / 110	4,5 kg/m	de 4000 à 8000	5m	20m

* Additional material : 150 à 500 kg

- Inlet
- Dosing
- Outlet
- Anti-bridging paddles
- Flat bottom + hopper
- Motor x 3

SOME CONFIGURATIONS

