NPS-AT
WEIGHING BELT NPS-AT SERIES

STAD
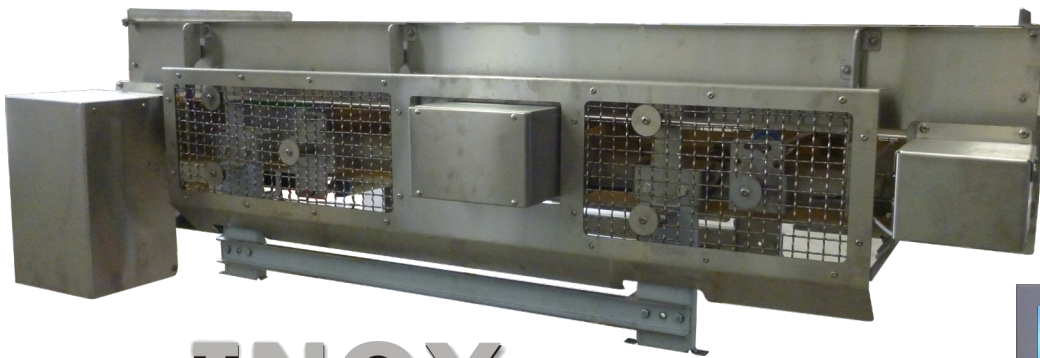
Made in **Italy**

✓ **HIGH PRECISION**

✓ **UP TO 30 t/h**

INOX Stainless Steel

COBRA 365 ELECTRONIC CONTROL UNIT

The weighing belt series NPS-AT is suitable for dosing powders or granular materials. It has an operating capacity between 300 and 30.000 kg/h approximately.

This `AT` version is fully made of stainless steel and equipped with IP67/66 electronic parts to allow water jet cleaning. Food grade belting allows use in the food industry.

Customized versions of the base model are available upon request. The belt can extract the material from storage bins or hoppers and can be used as fixed capacity dispenser for continuous dosing cycles. COBRA 365 control unit also allows its use as weight totalizer, set weight dispenser, percentage master/slave dispenser.
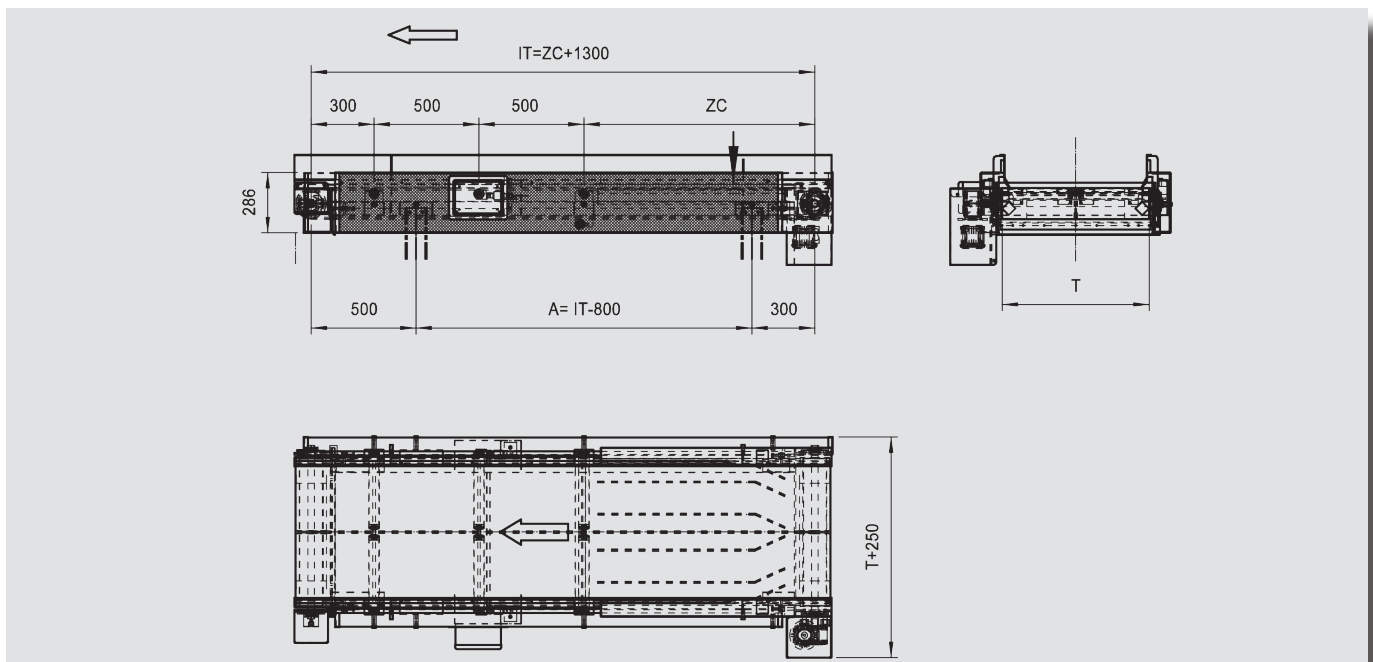
STANDARD MODELS DIMENSIONS (mm)

	T	ZC	A	IT
NPS-AT 500	500	500	1000	1800
NPS-AT 600	600	600	1100	1900
NPS-AT 700	700	700	1200	2000
NPS-AT 800	800	800	1300	2100
NPS-AT 1000	1000	1000	1500	2300

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REFERENCE MAXIMUM CAPACITY VALUES

Reference maximum capacity values specified below refer to the metering of material with small grain size and specific weight equal to 1 kg/dm³.
According to used motor drive, the allowed working range varies from 5 to 15 times.

BELT MODEL	SPECIFIC WEIGHT (kg/dm³)	MAX FLOW RATE (kg/h)
NPS 500	1.0	6.000
NPS 600	1.0	10.000
NPS 700	1.0	20.000
NPS 800	1.0	25.000
NPS 1000	1.0	30.000

TECHNICAL FEATURES

Main structure	Stainless steel
Heads	Stainless steel
Loading and unloading hoppers	Stainless steel (optional)
Belt	Calibrated junction in various materials depending on the application
Side rails	Stainless steel and soft bands depending upon the application (optional)
Hood	Polycarbonate (optional)
Weighing system	Double stainless steel off-center load cells C3
Speed control	Incremental encoder 1000 pulses/round IP66
Electrical junction boxes	Available for load cells and encoder
Motor	Asynchronous three-phase multi-voltage or brushless (optional)
Motor fan	Optional depending on the application
Bolts and supports	Stainless steel
ATEX conformity	Available as an option for ATEX 22 zones