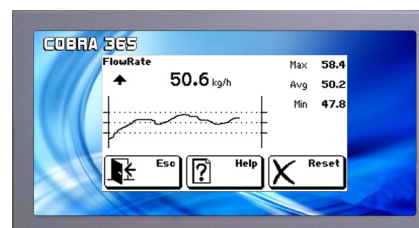


Made in Italy

HIGH PRECISION

UP TO 50 t/h



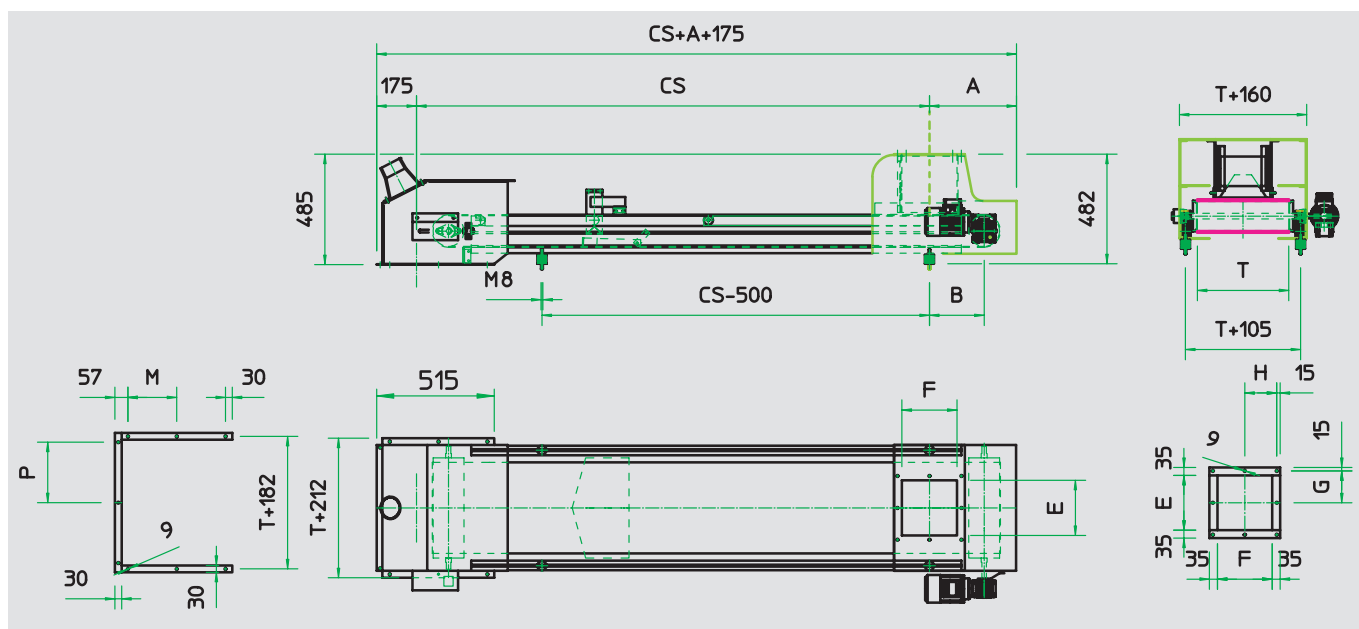
COBRA 365 ELECTRONIC CONTROL UNIT

The weighing belt series NPS is suitable for dispensing powders or granular materials. It has an operating capacity between 300 and 50.000 kg/h approximately.

Apart from the standard model, customized versions of the base model are available upon request.

The belt can extract the material from storage bins or hopper and can be used as fixed capacity dispenser for continuous duty.

COBRA 365 control unit also allows its use as weight totalizer, set weight dispenser, percentage master/slave dispenser.



STANDARD MODELS DIMENSIONS (mm)

	T	CS	A	B	E	F	G	H
NPS 280	280	1550	336	195	150	150	95	95
NPS 400	400	1550	382	240	242	242	140	140
NPS 550	550	1700	461	320	400	400	220	220
NPS 650	650	1700	461	320	400	400	220	220
NPS 800	800	1900	461	320	500	400	270	220

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/dm ³)	MAX FLOW RATE (kg/h)
NPS 280	1.0	8.000
NPS 400	1.0	15.000
NPS 550	1.0	30.000
NPS 650	1.0	40.000
NPS 800	1.0	50.000



TECHNICAL FEATURES

Main structure	Extruded aluminum profiles
Heads	Stainless steel
Loading and unloading hoppers	Stainless steel (optional)
Belt	Calibrated junction in various materials depending on the application
Side rails	Steel and soft bands depending on the application (optional)
Hood	Polycarbonate (optional)
Weighing system	Double off-center load cells C3
Speed control	Incremental encoder 1000 pulses/round
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
Anti-vibration mounts	Steel and rubber 60ShA
ATEX conformity	Available as an option for ATEX 22 zones

