

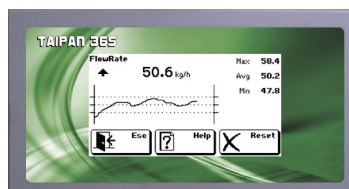
DPN-C

LOSS IN WEIGHT FEEDER DPN-C SERIES

STAD



Made in Italy



TAIPAN 365 ELECTRONIC CONTROL UNIT

- ✓ **MAXIMUM PRECISION**
- ✓ **UP TO 3000 kg/h**
- ✓ **3 LOAD CELLS WEIGHING**
- ✓ **AUTOMATIC REFILL**

The batchers of series DPN-C are designed to batch powders at mid-to-low feed rates.

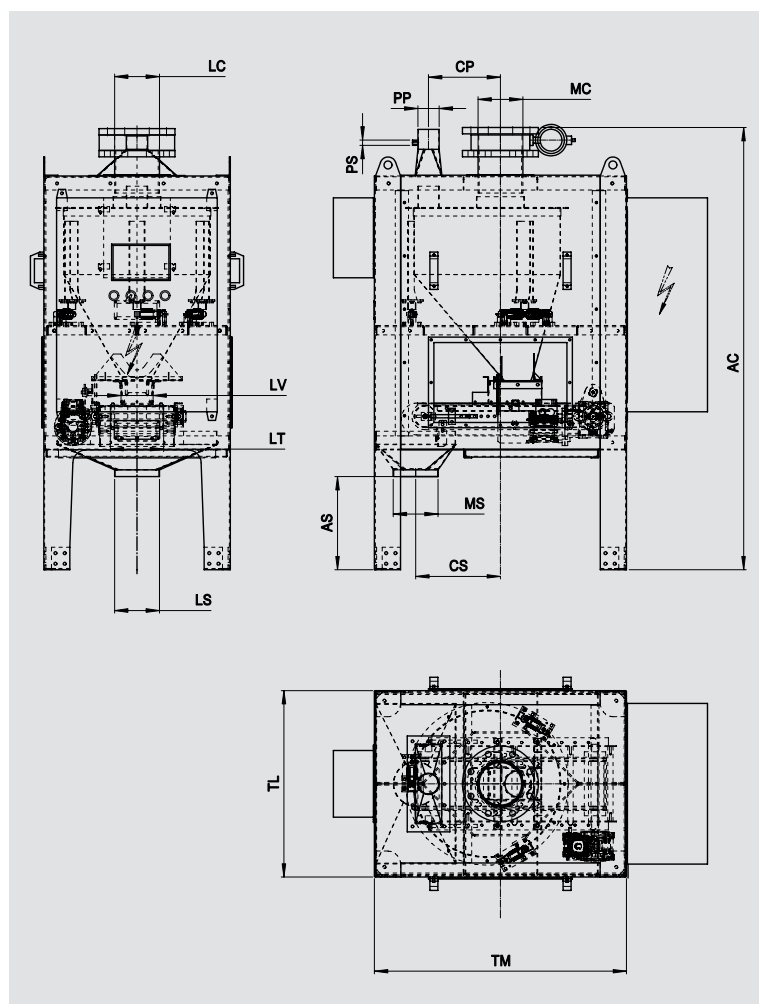
The batchers comprise a storage hopper, a feed device and a scale that controls decreasing weight during product discharge.

Each type of batcher is available with a broad range of motor drives and in customized versions to suit the process.

The integral casing ensures the minimum dispersion of airborne dust in the environment.

When the scale is combined with suitable electronics, the batcher can operate in batching and/or constant flow rate mode with controlled feed rate.

In the latter mode, hopper refill is controlled by electronics with no need to interrupt the batching process.



STANDARD MODELS DIMENSIONS (mm)

	LT	LS	CS	AC	LC	CP	AS	PP	PS
DPN-C 200	200	ø114,3	318	1654	ø114,3	270	236	50	1/4" NPT-F
TOTAL LENGTH (TM)						946			
TOTAL WIDTH (TL)						700			

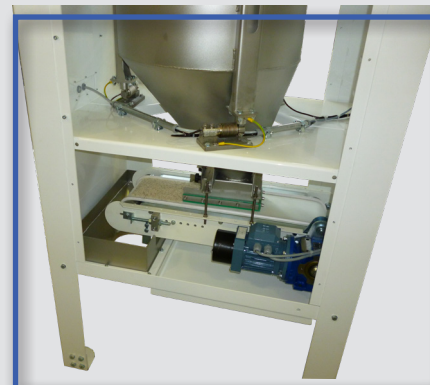
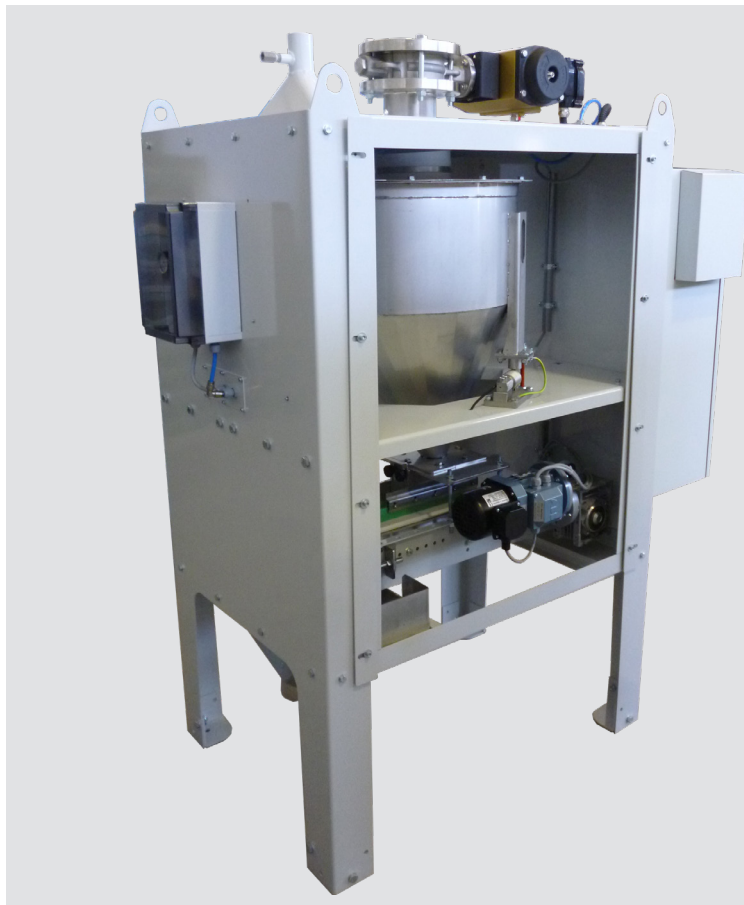
REFERENCE MAXIMUM CAPACITY VALUES

Reference maximum capacity values specified below refer to the metering of material with small grain size and specific weight equal to 1 kg/dm³.

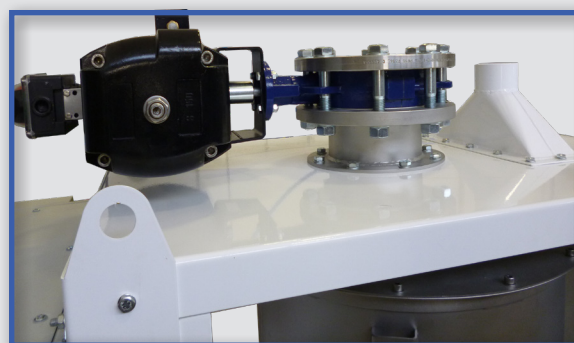
According to used motor drive, the allowed working range varies from 5 to 15 times.

BELT MODEL	SPECIFIC WEIGHT (kg/dm ³)	MIN FLOW RATE (kg/h)	MAX FLOW RATE (kg/h)
DPN-C 200	1.0	1	3.000

NOTE: the range of working capacity depends by the type of motor used.



WEIGHING BELT INSIDE DPN-C



CHARGING VALVE

TECHNICAL FEATURES

Main structure	Carbon steel
Charging valve	Stainless steel
Loading and unloading hoppers	Stainless steel
Belt	Calibrated junction in various materials depending on the application
Side rails	Steel and soft bands depending on the application
Windows	Polycarbonate
Weighing system	Triple load cells C3 IP67
Pneumatic junction boxes	Plastic with transparent top
Electrical junction boxes	Available for load cells
Motor	Asynchronous three-phase multi-voltage or brushless (optional)
Motor fan	Optional depending on the application
Local control panel	Optional with TAIPAN 365 control unit
ATEX conformity	Available as an option for ATEX 22 zones

