

Vacuum Hopper Loader

TORO-systems CK

Single phase blower, 3-phase blower or venturi injector hopper Loaders for polymers



TORO-systems CK

These Hopper Loaders have either a vacuum blower or an unbreakable pneumatic venturi ejector as vacuum generator.

The advantages are:

- made in Germany
- high quality
- high vacuum
- easiest to handle
- highly reliable
- cyclone separator
- thick stainless steel body
- low invest

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best value for the price



TORO-systems CK



clearly arranged

counterbalance and Sensor installed at the outside

easy flap control

perfect functionality as standard

retractable hinge for top / motor

automatic filter cleaning system

cyclone separator

all parts that get in contact with the polymer are made of stainless steel

quick clamps for top

optical alarm
(when material load failed 3 times)

connector for proportional valve
TORO-systems Mix-2

different vacuum generators:

- 230 V blower with bruises
(separated air flow for conveying and cooling of the motor)

- 400 V ring blower

- multistage venturi ejector
(pneumatic version - no electrical blower!)

low noise

quick clamp hopper (optional)





For every customer the right control unit

Control unit Easy:

- micro-controller
- low cost
- outside switch for two fixed loading times
- optical alarm (when material load failed 3 times)
- connector for proportional valve TORO-systems Mix-2 E



Control Unit Superior:

- micro-controller
- loading time from 0 - 99 seconds
- optical alarm (when material load failed 3 times)
- control unit for proportional valve is integrated (set up options: percentage of regrind and number of material changes per feed cycle)
- connector for proportional valve TORO-systems Mix-2 S
- time controlled loading (to empty a grinder after a defined time loading - waiting - loading - ...)

Technical data: TORO-systems FG CK										
Model	2-K-E	5-K-E	8-K-E	2-S-E	5-S-E	8-S-E	2-V-E	5-V-E	8-V-E	Mix-2 E
	2-K-S	5-K-S	8-K-S	2-S-S	5-S-S	8-S-S	2-V-S	5-V-S	8-V-S	Mix-2 S
Description	vacuum hopper loaders with integrated filter cleaning system									proportional valve
Body	stainless steel									
Vacuum generator	1,1 kW (230 V blower with bruises)			0,75 - 1,5 kW (230 V or 400 V ring blower)			maintenance free multistage venturi ejector			
Power supply	230 V, 50 Hz			230 - 400 V, 50 Hz			230 V, 50 Hz			24 V von CK
Compressed air	4 - 7 bar (filter cleaning)						7 bar app. 50 Litre/kg			4 - 7 bar
Loading time	Easy: 2 programmed loading times (easy switchable) Superior: from 0 - 99 seconds									
Static vacuum	0,17 bar									
Capacity app. kg/h	80	200	300	70	175	280	80	200	300	
Size of separator Liter	2	5	8	2	5	8	2	5	8	
Content	Easy: micro-controller with 2 programmed loading times Superior: micro-controller, loading time from 0 - 99 seconds, proportional valve controller integrated, time controlled loading optical alarm 3 m PUR pipe with telescopic suction unit									
Option	quick clamp hopper									
Weight	10,5 - 12 kg			7 - 9 kg			8 - 11 kg			2 kg
Heigth in mm	490	590	690	400	500	600	540	640	740	

