

## Flow Control Gate

The Claudius Peters Flow Control Gate is used wherever bulk solids have to be discharged from silos and bins, in a metered and controlled manner.

Especially in the cement and building materials industry Claudius Peters Flow Control Gates have been used successfully for many years for various applications as shut-off or dosing aggregate.



The Claudius Peters Flow Control Gate in standard design can be supplied with pneumatic actuator drive, servo-motor or as maintenance device with hand lever. The Claudius Peters Flow Control Gate program comprises various functions. Simple open/close functions under silos, positioning functions for material loading processes up to high-precision metering processes at weighing systems can be realized optimally by use of the Claudius Peters Flow Control Gates.



### Advantages of a Claudius Peters Flow Control Gate

- Even and controlled material discharge out of silos
- Pneumatically controlled gates suitable for high dynamical process operations with high accuracy (e.g. belt weigher, flow meter)
- The compact modular design with exchangeable cassette-type sealing ensures easy maintenance at low maintenance costs
- Different designs of cutouts for optimal throughput & function
- Additional handwheel and a local control switch on the motor actuator drive for manual or electrical operation direct at machinery
- Flow control gates ready prepared for Profibus

# Flow Control Gate

By turning the roller inside the housing a flow cross section is released whose size and shape are always adjusted optimally to the corresponding task. To this end the material flow inside the flow control gate is constantly fluidized by the fluidizing bed bottom.

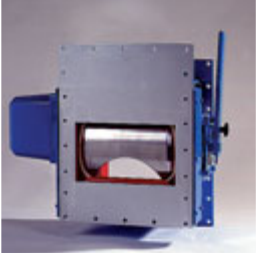


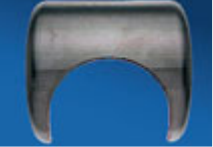


Short opening and closing times make the Claudius Peters Flow Control Gate a safe device for shut-off, metering and controlling.



Intelligent maintenance concept by changeable cassette



Preventive maintenance by air conditioning unit

Function	Types of drives			Roller design
	Manual (hand lever)	Motor (actuating drive)	Pneumatic (wing drive)	
				
Open/ Close Application	<b>H</b> (maintenance)	<b>M</b> (silos outlet)	<b>P</b> (silos outlet)	
Positioning Application		<b>MP</b> (loading systems, silos outlet)	<b>PP</b> (loading systems, silos outlet)	
Controlled Application		<b>MCD</b> (preheater feeding)	<b>PCD</b> (preheater feeding)	

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The information contained within this brochure is deemed to be correct at the time of going to press. Due to the policy of continued improvement, we reserve the right to change any specification without prior notice.  
 ERRORS & OMISSIONS EXCEPTED

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