

Rotary extractor made by AMI



Trend-setting technology



The AMI rotary extractor is at the heart of modern consignment and sorting equipment. Plastic bins, cardboard boxes or single packages are precisely and safely extracted from the conveyor on either parallel or cross belts. Take advantage of the flexibility of the AMI rotary extractor: It is installed in the position where it is needed at the conveyor and can be easily relocated in the event of modernization, reconstruction or logis-

tical changes. The conveyor system need not be stopped, as is the case with conventional extractors. Unlike many other extractors, AMI rotary extractors can even extract items from a closed row, which ensures much greater sorting efficiency.

Furthermore, AMI rotary extractors can be flexibly retrofitted to existing systems thereby increasing their capacity to almost any extent.

The function

Once the AMI rotary extractor receives an electrical impulse, rotation of the arm by 180° is triggered. The pusher plate extracts the item from the conveyor. A special drive system keeps the pusher plate parallel to the item so as to ensure precise extraction. The integration of an additional stroke enables gentle extraction from closed rows of conveyed items.

Technology

The rugged and low maintenance design of the AMI rotary extractor ensures maximum service life. Any expansion of chains is automatically compensated for by a spring-loaded clamping system. All bearings are maintenance-free, switches are contactless and therefore free from wear. Mechanical parts as well as the drive of the rotary extractor can be replaced separately.

Output

Each AMI rotary extractor unit is suitable for efficiently and precisely extracting and transferring up to 8,000 items per hour with a weight between 10 g and 50 kg and dimensions from 10 to 120 cm.



Patented by:



European
Patent Office

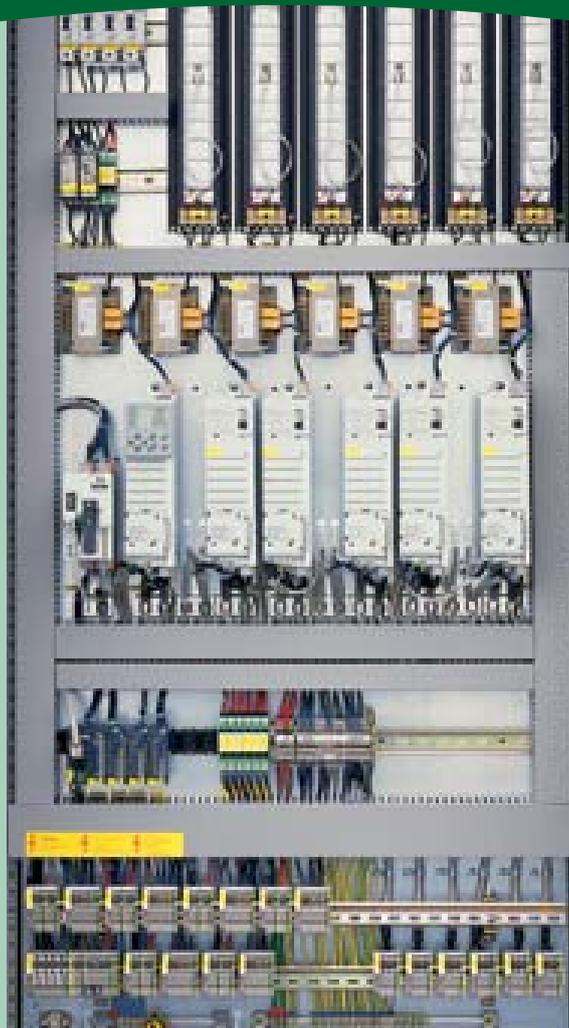
Intelligent control

The control systems

Innovative rotary extractor systems require intelligent and swift control. For plants involving a number of systems, it is recommended that a control cabinet is installed. For systems with a maximum of four AMI rotary extractors, preconfigured control units are fitted in the close vicinity of the motor.

Sorting, distributing and consigning – AMI rotary extractors optimize logistics in just about every sector. Therefore, many renowned companies from trade, service and industry rely on the quality of AMI systems.

As a system provider for conveyor and warehouse technology, we offer complete economic concepts all from one source, bringing our longstanding expertise to bear. If you wish to learn more about our services, we will be pleased to provide you with comprehensive information material.



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