Pas Reform
Setter trolley unloader

For taking setter trays out of a setter trolley automatically

Royal Pas Reform
Integrated Hatchery Solutions

Setter trolley unloader

Benefits

The fully automatic trolley unloader substitutes the heavy and repetitive manual labour of unloading setter trays from trolleys. With a smooth action that prevents damage to the hatching eggs, the trolley unloader's double bed principle enables two setter trays to be unloaded at a time, to allow maximum capacity while maintaining a smooth, careful operation. The specially developed locking system allows the trolley to be easily placed into the unloader, with a quick release mechanism for the removal of the trolley when it is empty. Compact design requires minimum floor space, with versions available for both 16 and 17 tray-high setter trolleys.

How it works

– A setter trolley loaded with trays is positioned in front of the unloader with the locking system closed
– Two setter trays are pulled out of the setter trolley onto the automatic trolley unloading unit at a time
– The automatic feeder puts each setter tray onto a conveyor and indexes automatically to the next unloading height
– As unloading is always positioned on one side of the trolley, batches remain unmixed
– The trolley remains fixed and static throughout the entire operation
– When all the trays have been removed, the empty trolley is replaced with another full trolley by an operator

Related products

▶ SmartTray™ 150

▶ SmartTray™ 162

▶ Setter trolley

▶ Candling and take-out system

▶ Automatic transfer system

▶ Empty setter tray stacker

▶ Setter tray washing machine

Technical Specifications

Capacity	> 600 setter trays/hour (90,000 eggs per hour) depending on trolley transfer time
Installed power	> 6 kVA
Air consumption	> 1.6 m³/hour at 6 bar
Material	> Stainless teeel AISI304 (where applicable)
Dimensions	> 3200 x 2200 x 2400 mm
Weight	> 800 kg
IP Marking	> Motors IP55
	> Sensors IP68 / IP69K
	> Control panel IP66

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