

High Performance Yokes EMJ Series

Customer-specific sizes (active width up to 1,200 mm)
for small to medium-sized workpieces for maximum height 60 mm

PRODUCT DESCRIPTION

Sturdy, corrosion-resistant housing made of stainless steel, protection class IP55. Available in effective widths in 50 mm increments from 150 mm up to 1,200 mm. The effective height over the yoke surface is approx. 60 cm. This height depends on material hardness and the applied degaussing frequency. From a height of 60 mm onwards (work piece or container height), a high-capacity double yoke EMJ-2 series is recommended.

For low material thickness, operation directly from the mains voltage is possible, duty cycle 100 %. For greater material thicknesses or for multi-layer settling material arranged in trays or baskets, low frequency generators with temperature monitoring are available in addition.

PROCEDURE

Continuous degaussing or degaussing with a stationary workpiece on the yoke by means of pulse demagnetization.

APPLICATION

For degaussing of small to medium-sized workpieces (e.g. gear wheels, roller bearing rings, saw blades, bent sheet metal parts as well as multi-layer parts) - individually, as bulk goods or arranged in a tray as well as in plastic or stainless steel containers or washing baskets.

The high-performance yokes EMJ series generates a very strong magnetic field. They are ideally suited for integration into the feeding system of a cleaning plant as well as other production lines and conveyor systems.



TECHNICAL DATA

	Active width	Connection	Nominal current leff	Protection class
High Performance Yokes EMJ Series	< 1,200 mm	Mains power supply or Low Frequency Generator	8-64 A	IP55

Customizing with Excellence

Vallon GmbH · Arbachtalstraße 10 · 72800 Eningen, Germany · Phone +49 7121 9855-0 · info@vallon.de · www.vallon.de

