

RMS

Rotary Forming Machine

Description

The RMS is a high-speed, single operation rotary forming machine with eight pockets which can be used or left idle, depending upon desired production rates. Fully tooled, the RMS can produce at a rate of 800 caps per minute. Originally designed for forming of PT caps, it is easily adaptable to performing various secondary operations. The RMS is a modular design allowing for easy customer configuration.

The main gearing is totally enclosed and runs in an oil bath. Lubrication fittings are provided for all key points to minimize wear. The RMS is provided with a 3.0 HP AC brake motor with variable frequency control; a PLC-based control package is available.

Operation

An infeed turret transfers shells to the forming station. The cam operated punch holders in the forming station are hardened, ground and run in hardened steel guide bushings. Tooling is adjustable through a 0.250 in. range and protected by overload sensors which stop the machine.

Specifications

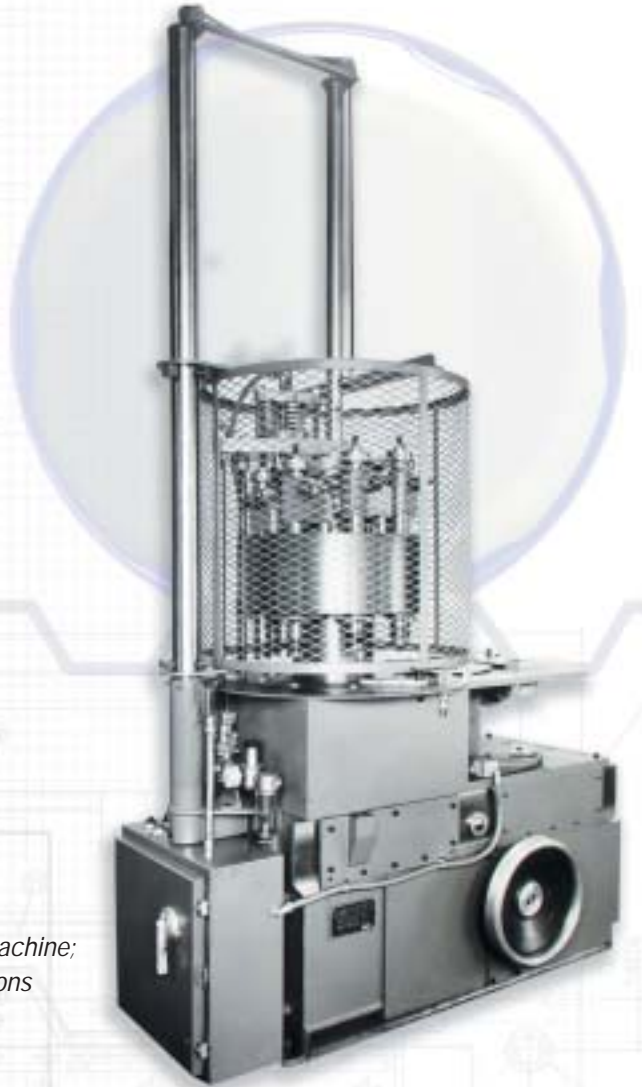
Technology Brief: *High-speed, continuous rotary forming machine; basic configuration includes 8 tool locations*

Production Rate: *Max. 800 caps per minute*

Cap Size: *30mm – 89mm*

Dimensions: *55"L x 30"W x 122"H; 3,500 lbs.*

Utilities: *Electric service per customer's requirements*



SWANGREN MACHINE DIVISION

Apex Tool Works Inc.

3200 Tollview Drive

Rolling Meadows, IL 60008

www.apextool.com

phone 847.394.5810

fax 847.394.2739

apextool@apextool.com

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