



2x2 or 2x6 endform tools
 Also as Single Tool available (2 or 6)

Rosenberger Aktiengesellschaft

Am Häuslerain 16, D-79263 Simonswald
 Telefon: +49(0)7683-91900-0, Telefax: +49(0)7683-91900-29
 E-mail: Info@RosenbergerAG.com www.RosenbergerAG.com

RU-18-DT

(Double Tool) CNC controlled endforming machine



Double form tooling



Automatic tube inserter



Sample

Technical details:

Programming of all parameters with 0.01 mm accuracy
 Free programmable Ram pressure, Ram speed, clamp closure, and clamp speed

CNC control with SPS, clear text display with machine specific keyboard

Program modes available: Automatic, Manual, Single-Step, Program, Diagnostics

Cycle time optimization through free programmable machine parameters

Servo drive controllers allow reproducible and consistent execution of pre-programmed speeds, ensuring maximum control over part specific material properties.

Linking of multiple machines possible with handling systems

Servo driven clamp toggle actuation allows for free programmable opening stroke and clamp pressure

Change-over time typically less than 5 minutes

Build-in memory for program/ parameter storage

Automatic form tool (length) detection

Micro lube system

Servo drives are low maintenance, quiet and power saving.

Easy transportation due to compact design w/o any hydraulics.

Compact design, small foot print

Extensive diagnostics integrated in machine control

Rectangular tool holders 120 x 80 mm designed for double tool applications, or to double the tubes for double through put

Technical standard specifications:

Ram stroke: 190 mm (rapid & forming)

Ram positioning accuracy: better than ± 0.01 mm

Ram positioning repeatability: 0.02 mm

Ram pressure: 180 kN (18 tons)

Part, clamp force 270 kN

Distance clamp to tool holder: 225 mm

Ram speed: 8,22m/min=137 mm/sec

Tool changer speed: 320 mm/s

Pneumatic supply: min. 6 max. 10 bar
 (only with automatic tube inserter)

Power supply: 400V/ 50Hz 3-phase; 32 A

Control voltage: 24V DC

Dimensions (LxWxH): approx. 2100 x 1400 x 2035 mm
 (2 - 6 - step machine)
 approx. 2100 x 1400 x 2245 mm
 (8 - step machine)

Weight (depending on version): approx. 2800 kg/ 6160 lbs

Available options:

Custom endform tooling
 Clamp jaws- different solutions
 Loading devices
 Automation interface
 Customer specific solutions
 Secondary clamp jaws

Available safety features:

Safety cover
 Minimum- force pre clamping
 Safety switch for clamp