



6 or 8 endform tools, respective 12 or 16 tools

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RU-8-DT (Double Tool) CNC controlled endforming machine



Machine control



Tool changer



Sample

Technical details:

Programming of all parameters with 0.01 mm accuracy

Free programmable Ram pressure and 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

Pneumatic or servo driven clamp toggle actuation

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

All slides are equipped with linear ball bearings

Rectangular tool holders 90 x 60 mm designed for double tool applications

Technical standard specifications:

Ram stroke:	165 mm (rapid & forming)
Distance clamp to tool holder:	185 mm
Ram positioning accuracy:	better than ± 0.01 mm
Ram positioning repeatability:	0.02 mm
Ram pressure:	80 KN (8 tons), Option: 120 KN
Ram speed:	max. 5.94 m/min (99 mm/sec)
Tool changer speed:	450 mm/s
Tact time:	min. 1.5 sec per step
Pneumatic supply:	6-8 bar, approx 200 l/min
Power supply:	400V/ 50Hz 3-phase; 16 A fuse
Control voltage:	24V DC
Dimensions (LxWxH):	approx. 2030x1056x2020 mm (6- step machine) approx. 2030x1056x2200 mm (8- step machine)
Weight (depending on version):	approx. 1000– 1200 kg (2200- 2640lbs)

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