

# RU-30

## CNC controlled endforming machine



Machine control



Tool changer  
(6-step)



Sample



Up to 8 endform tools

### 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

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

### Technical standard specifications:

Ram stroke:	200 mm (rapid & forming)
Ram positioning accuracy:	better than $\pm 0.01$ mm
Ram positioning repeatability:	0.02 mm
Ram pressure:	300 KN (30 tons)
Ram speed:	max. 4.5 m/min (75 mm/sec)
Pneumatic supply:	min. 6 bar, approx. 300l/ min
Power supply:	400V/ 50Hz 3-phase; 63 A fuse
Control voltage:	24V DC
Dimensions (LxWxH):	approx. 2360 x 1380 x 2470 mm (4- step machine)
Weight (depending on version):	approx. 4000 kg/ 8800 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

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