

ROTAK SR 80 cuts curved tubes and pipes



The ROTAK SR 80 is used to cut chipless surplus lengths at curved tubes and pipes. During this process the ends can be chamfered or the inner diameter be formed.

Technical data:

- * Tube diameter: 8 bis 80 mm
- * Tube wall thickness: max. 3 mm
- * Tube cut lengths: from 8 mm
- * Tube materials: Steel, stainless steel
non-ferrous alloys
- * Cutting time: acc. to tube-Ø, material and wall thickness from 1,5 sec.

Examples:



About us

We are a small company founded 1986.

Our team of engineers and highly qualified production personnel develops, produces and installs our machinery.

Our production programme consists of

- * chipless working tube and pipe cutting machines (automatic or manual) for straight material (high-grade steel, aluminium and other non-ferrous alloys)
- * trimming machinery for curved tubes and pipes as well as
- * machinery for the end conditioning of tube parts and
- * automatic storage and feeding systems for rod/tube parts

More details can be found in the Internet or are available on request



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Industrial tube and pipe treatment

for tubes and pipes ...
out of steel, stainless steel
or non-ferrous alloys

>> chipless and with low burrs
clean and economically

- cut / separate
- trim and form
- store and feed

**WEERTH = Tubes and pipes
made to measure**

Tube and pipe cutting machines RTA



Cut tubes and pipes out of steel, stainless steel, Al- or copper alloys **chipless and with low burrs**

RTA 35

Tube/pipe diameters: 2 to 24 mm (35 mm)
Wall thicknesses: 0,3 to 1,8 mm
Tube/pipe material: steel, non-ferrous alloys
Cycle times: up to 1900 parts/hour

RTA75

Tube/pipe diameters: 2 to 76 mm
Wall thicknesses: 0,4 bis 3 mm
Tube/pipe materials: steel, stainless steel, non-ferrous alloys
Cycle times: up to 1700 parts/hour

The knife-lifetime ranges normally between 20 and 30.000 cuts – to be confirmed acc. to material analyses

Starting material: Either rods or coils

Tube/Pipe end conditioning



Either to be set-up separately or direct interlinking between end conditioning machine and tube cutting machine

The adjustment of different tube lengths is done via the display and is realized automatically via a servo drive

Treatment stations may be arranged in any order one after the other (forming, turning, blowing out, length measurement, etc.) without changing the cycle times.



Storing and feeding automatically



Production optimisation

Advantages

Stand-alone regulation of the output speed as per the cycle time of the following process

- * Sorted storage = less space needed
- * careful piece handling = intermediate storage as per process needs
- * easy extraction = reduced expenditure of time
- * service friendly = low personnel costs
- * Feeding fully automatic = production free of interruption