

ROTARY BARRELS – MINI BARREL E5

TROWAL SURFACE FINISHING Mini barrel E5

APPLICATIONS

The low cost E 5 barrels are highly economical systems for the finishing of pocket-size batches of small mass produced parts for which a standard vibratory machine might be too big. E 5 barrels produce an excellent, extremely fine surface finish and are ideal for treating very small precision engineered parts used in the computer, optical and other industries.

THAT'S HOW E 5 BARRELS WORK

The double cone barrels are placed on two rotary shafts (one is idling and one is connected to an electric drive). The drive shaft induces a rotary movement into the barrels causing the parts/media mass in the barrels to gently slide along the outer barrel wall. While cycle times are somewhat longer than in vibratory systems, the achieved surface finishes are extremely smooth.



	E5
Usable volume of parts and media (L)*	3
Max. work piece dimension (mm)**	60
Drive power (kW)	0.25
Rotational barrel speed (RPM)	25–125
Total weight, empty (kg)	58

* Ratio of media to work pieces normally 3:1, i.e. 3 parts of media to 1 part of work pieces

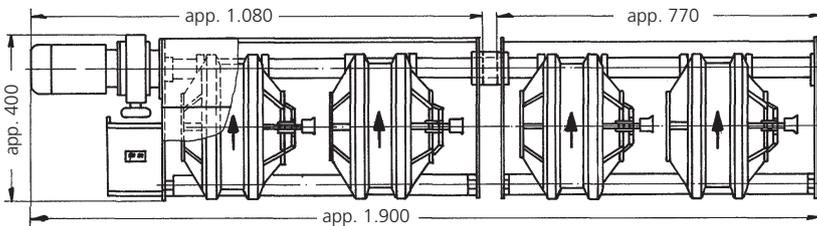
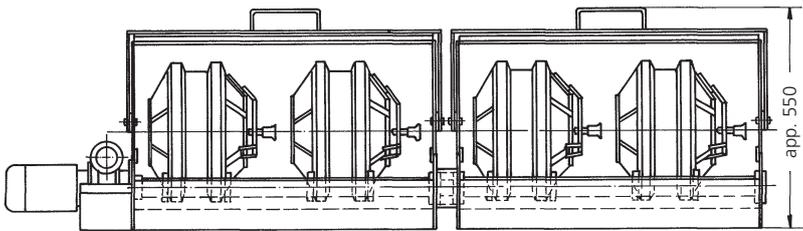
** Measured diagonally

TECHNICAL HIGHLIGHTS

- Drive consisting of electric motor with infinitely adjustable speed within the specified speed range
- Protective sheet metal cover with electric safety interlock
- Sturdy machine base made from sheet metal containing the drive and idling shafts. Shafts equipped with lockable rings for positioning and holding the barrels in place during operation
- Barrels made from highly wear resistant polyurethane with heavy-duty locking mechanism for the water tight lid

OPTIONS

- Addition of 2 extra barrels with elastic coupling and machine base extension with rollers



PU barrel with lid locking mechanism

**WALTHER
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