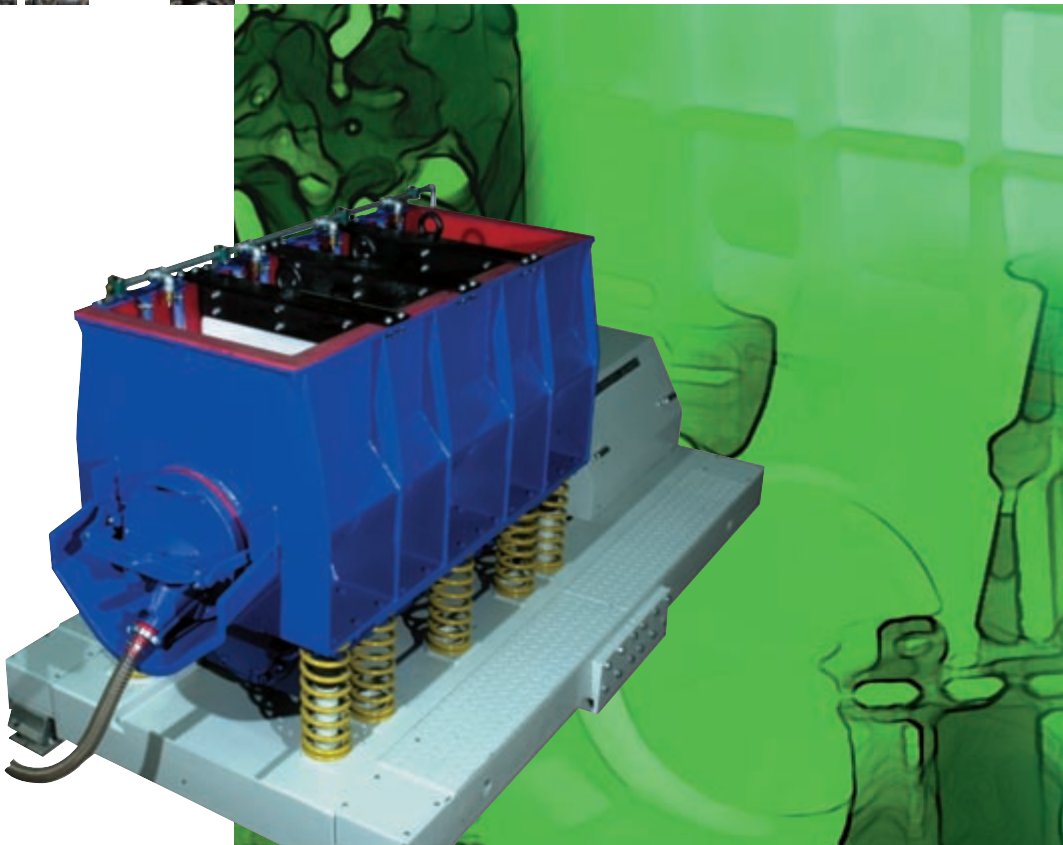


WALTHER TROWAL!



TROWAL MASS FINISHING TROUGH VIBRATORS - SERIE TMV

Large parts?

Trowal trough (or tub) vibrators are used for finishing of mid to large size parts. Normally the parts to be processed are placed into the tub loose where they can rotate free with the media mass.

Delicate parts?

Delicate parts are either clamped with special fixturing devices or processed individually in separate chambers separated by special dividers fitted into the tub. This type of processing prevents impingement and parts damage during the finishing process.

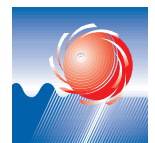
Universal applications

Trough vibrators are "all-round" mass finishing machines. They are used for

- Deburring
- RADIUSING
- Surface smoothing
- Surface polishing
- De-greasing
- Surface cleaning
- Pickling, de-scaling, de-rusting



Deburring



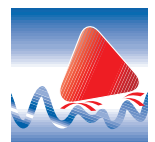
Ball burnishing



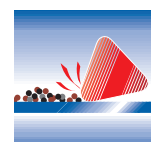
RADIUSING



Degreasing



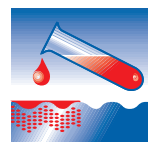
Surface smoothing



Surface cleaning



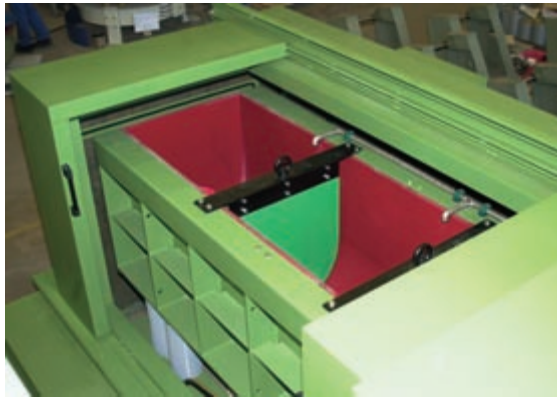
Surface polishing



Pickling, de-scaling,
de-rusting

MASS FINISHING • SHOT BLASTING
COATING OF SMALL PARTS • EFFLUENT TREATMENT

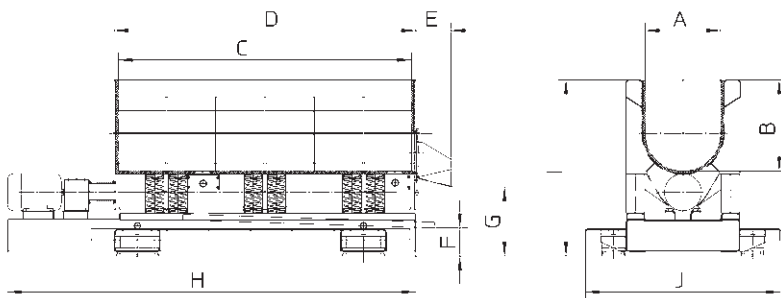
WAL THER
TROWAL!



Trough with sound enclosing cabin



Trough with Partitions



	175/41	260/41	345/41	175/55	260/55	345/55	175/65	260/65	345/65	175/85	260/85	345/85
Power standard version (kW)	4	5,5	7,5	5,5	7,5	11	7,5	11	15	11	15	18,5
Power ball burnishing version (kW)	7,5	11	15	11	15	18,5	15	n.a.	n.a.	22	n.a.	n.a.
No of Fly-weight Housings	2	3	4	2	3	4	2	3	4	2	3	4
Lining thickness (mm)	15	15	15	22	22	22	25	25	25	25	25	25
Usable volume (l)	210	310	410	375	555	735	525	775	1030	895	1175	1760

n.a.= not available
 Standard Speed 1500 min-1
 Optional Infinitely Variable Speed Control

	175/41	260/41	345/41	175/55	260/55	345/55	175/65	260/65	345/65	175/85	260/85	345/85
A	410	410	410	550	550	550	650	650	650	850	850	850
B	515	515	515	661	661	661	785	785	785	885	885	885
C	1696	2546	3396	1682	2532	3382	1676	2526	3376	1676	2526	3376
D	1750	2600	3450	1750	2600	3450	1750	2600	3450	1750	2600	3450
E	306	306	306	306	306	306	306	306	306	306	306	306
F	ca. 450	ca. 420	ca. 435	ca. 380	ca. 365	ca. 370	370	350	340	ca. 360	ca. 340	ca. 360
G	670	676	670	471	471	471	583	599	587	580	580	580
H	2685	3535	4385	2685	3580	4430	2670	3520	4435	2685	3535	4385
I	1320	1320	1320	1390	1390	1390	1500	1500	1500	1600	1600	1600
J	1380	1380	1380	1580	1580	1580	1680	1680	1680	1880	1880	1880

All Dimensions in mm

Top performance!

The specially developed Multivib drive system offers especially intensive finishing over the complete work bowl length without any "dead" areas. No central lubrication required: The imbalance units are lifetime lubricated!

Ball burnishing

Because of their powerful vibratory drive system **TMV** are ideal machines for ball burnishing and pressure deburring with steel media.

Modular model range

The **TMV** series is designed as a modular system with

- work bowl widths of 410, 550, 650 and 850 mm and
- work bowl lengths of 1750, 2600, 3450, 4300, 5150, 6000 and 6850 mm

Noise protection

For the **TMV** trough vibrators noise reducing lids and complete sound enclosing cabins are available. The sound enclosing cabins tightly fit the trough vibrator with minimum space requirements. With larger trough vibrators the sound enclosing cabins are designed wider for easy access for maintenance.

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