

More productivity through reduced scrap:

# Schwanog parts selector!



**Schwanog**

## Schwanog parts selector: More productivity through reduced scrap!

The market for precision parts in the supply chain industry for automobile, aerospace and other sectors is mainly characterised by medium and large sized batches with the highest demands for quality and zero error tolerance.

The Schwanog parts selector divides loose production batches into bins consisting of eight smaller units.

In case of lights-out / unmanned production lines or production lines with limited personnel, sorting costs can be greatly reduced in case of tool break or other disruptive factors.

**Increase your productivity:  
With the new Schwanog parts selector!**

### Function

- Partition of loose production batches into smaller units through use of selector bins
- Bin system with indexing table which are passed through the part chute of the production unit
- Time or quantity-dependent indexing to respectively one bin

### Schwanog parts selector

With mobile, height-adjustable rack, time control, coolant collector, pump and float switch for universal use.

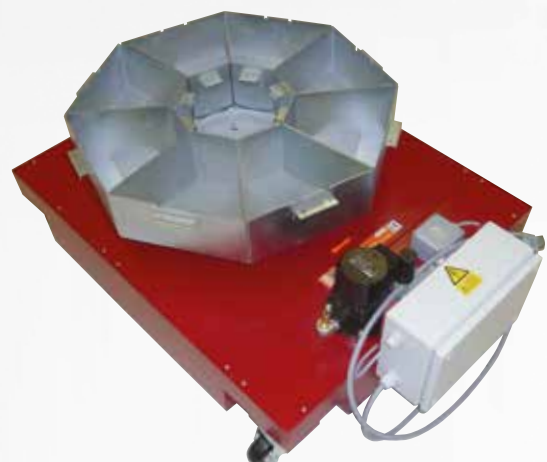


### Tornos Deco 7/10



### Schwanog parts selector

For indexing automat Variomatic, mobile, with oil collector, pump and floating switch.





### Selector bins

Available in cylindrical and segment designs. Bin bottoms made from perforated sheet metal for oil drainage.



### Timer control

Indexing control with freely selectable time.



### Quantity control

Standard version or version for SPC inspection available.



### Collection tank

Pumps coolant back into the machine in case the selector is positioned below the coolant level.



### Mounting brackets

For direct mount of selector to the machine, horizontally as well as vertically.



### Racks

Racks with castors, available in stationary or height-adjustable design.

### Applications

- Single-lathes
- Multi-spindle automatic lathes
- Swiss-type lathes
- Rotary transfer machines
- Punch and stamping machines
- Gear cutting machines
- Spring coiling machines
- and many more upon request

### Inspection

- Visual check / inspection of the produced parts in the last selector bin.
- If these parts are accurate / in flawless condition, all other parts in the already filled seven other bins are correct / true to size as well.
- If these parts are faulty / defective, you will examine the parts in the filled bins in reverse order until you find accurate / flawless parts.
- This reduces the sorting to a single bin.
- Normally this is a fraction of the production batch which is usually channelled into a part container.

### Oil-filled, double bins

- For jolts and scratch sensitive parts the use of over floating, oil-filled double bins offers a qualitative, safe solution.
- Manufactured parts falling into the oil-filled bin, oil with its dampening effect due to its density, prevents quality-reducing jolts and scratches.



### Mounting examples



### Tornos Bechler

Swiss-type machine with sliding headstock with mounted Selector 200/7.



### Manurhin K'MX

Automatic lathe with Selector 570/8, non-contact quantity control and test bin for sorting of 5 parts for the SPC inspection principle.



### Eubama S 8

Rotary transfer machine with Selector 570/8 for the acceptance of sensitive parts with a front mounted conveyor belt.



### Mikron

Micron rotary transfer machine and selector 270/8.



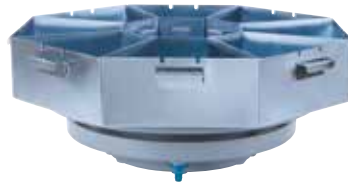
200



270



420



570

Selector for Tornos Deco 7/10  
Art.Nr. 171 643

## Technical data

SELECTOR TYPES		200/7	270-II/8	420/8	570/8
Housing diameter	„G“ Inch	9.1	11.6	15.2	18.7
Plate diameter	„T“ Inch	7.6	10.6	16.7	22.4
Overall height without bin	„B“ Inch	2.8	3.30	4.9	5.3
Height of oil outflow	„b“ Inch	0	0.63	1.9	2.1
Operating voltage (110V available upon request)	V/Hz	220/50	220/50	220/50	220/50
	V/Hz	110/50	110/50	110/50	110/50
Connected Load	Watts	2.8	2.8	33	33
Required number of bins		7	8	8	8
Filling weight per bin	Lbs.	2.2	24	50	88
Finish	"H2", Hammer finish, grey				
Weight	Lbs.	6.4	9.5	25.4	44

BIN TYPE	Content (Gal.)	Height (Inch)	Weight (Lbs.)	Space requirement (Inch)	Selector
Z 0.1	0.026	2.36	0.2	9.1	200/7
Z 0.30	0.080	3.94	0.48	11.6	270-II/8
S 0.75	0.198	5.91	0.85	11.6	270-II/8
S 1.70	0.450	7.87	1.5	13.4	270-II/8
S 2.20	0.581	9.84	1.8	13.4	270-II/8
S 2.0	0.528	5.12	2.0	18.0	420/8
S 3.0	0.800	7.87	3.0	18.0	420/8
S 4.0	1.060	10.6	3.9	18.0	420/8
S 5.0	1.321	13.2	4.7	18.0	420/8
PB-S 0.45	0.120	1.97	0.4	0.007	420/8
S 5.0	1.32	5.32	3.6	28.0	570/8
S 7.5	1.98	7.87	5.0	28.0	570/8
S 10.0	2.64	10.4	6.5	28.0	570/8
S 12.5	3.30	13.0	8.0	28.0	570/8
S 15.0	3.96	15.15	9.5	28.0	570/8
PB-S 0.50	0.132	1.61	0.7	0.013	570/8

Special bins available upon request. "Z" = Cylindrical, "PB-S" = Inspection bin, segment shaped, "S" = Segment shaped. The inspection bins can only be put into the segment bins. For additional accessories please refer to our offer and price list.

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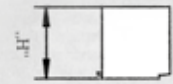
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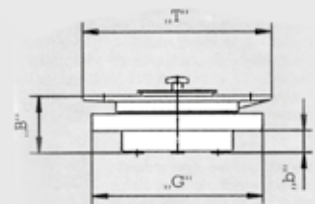
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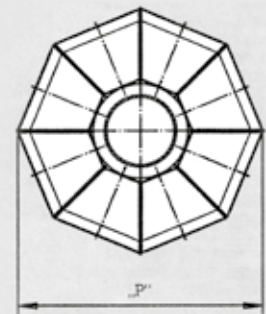
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Side view: Selector bin



Side view: Selector

Plan view:  
Selector with bins