



MASS FINISHING ROTARY DRUM TYPE DRIERS MODEL RANGE DLT

Applications

After the finishing process the finished but wet parts must normally be dried. With Trowal rotary drum type driers of the model range DLT the parts are gently dried in a heated drying medium consisting of maizorb, ground walnut shells or wood chips.

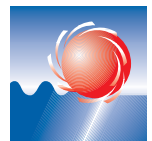
- For large quantities of small parts.
- Especially suited for drying of cup-shaped parts.

Functional principle

The parts are transported through a rotating screen drum in continuous mode. The drying of the parts takes place with heated drying medium.



Deburring



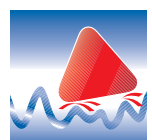
Ball burnishing



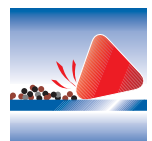
Radiusing



Degreasing



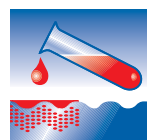
Surface smoothing



Surface cleaning



Surface polishing



Pickling, descaling

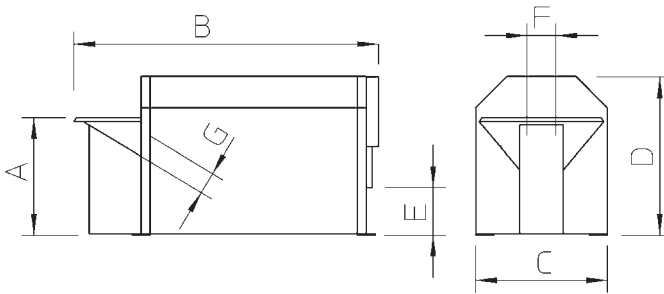




Outlet



Inlet chute



		DLT 2	DLT 4	DLT 4-HL	DLT 14
Max. heating	(kW)	6	10	20	20
Power of main drive	(kW)	0,15	0,25/0,37 (0,75)	0,2/0,35	0,8/1,5
Max. parts throughput	(kg/h)	350	1000	1000	3000
Rotational drum speed	(rpm)	4,5	3,5/7	3,5/7	2,5/5 u. 5/8
Barrel diameter x length	(mm)	580x1460	840x1700	800x1800	1220x2280
Screen drum Ø x length	(mm)	480x545	700x755	-	1060x930
Screen drum - perforation	(mm)	6	6	-	6
Weight	(kg)	350	822	760	1900

Dimensions (in mm)	DLT 2	DLT 4	DLT 4-HL	DLT 14
A	750	970	970	1180
B	2020	2525	2650	3400
C	845	1090	1090	1510
D	940	1310	1310	1720
E	315	385	310	400
F	180	220	220	400
G	150	170	170	300

Technical characteristics

- Electrical heating with heating rods. Thermostat control of temperature
- Rotating screen drum for separating the parts from the drying medium
- Automatic return of the drying medium to the heating zone
- Travel (heating) time adjustable from 2 to 4 Min.
- Continuous operation facilitates the linking of the drying process with production stages prior to and after drying

Options

- Extension of screen drum for removal of drying medium from ports with extreme cavities
- Dust extraction
- Air knife for removal of dust particles and drying medium from the dried parts
- Increased heating output

Special

- DLT-HL with 1 or 2 hot air blowers allows drying of parts with hot air only with out any drying medium.

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