

DLT DRUM DRIER



TROWAL SURFACE FINISHING TECHNOLOGY Rotary drum drier – model range DLT

APPLICATION

After most mass finishing processes the finished work pieces must usually be dried. Trowal DLT rotary drum driers allow the gentle, stain-free drying of the work pieces with heated drying medium consisting of maizorb (corn cob grit), ground up walnut shells or small hardwood cubes.

THAT'S HOW IT WORKS

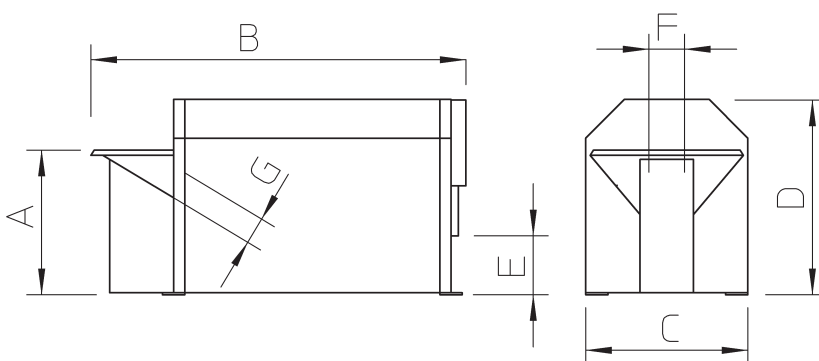
The finished work pieces are passing through a rotating drum in continuous feed mode, where the moisture from the work pieces is absorbed by the heated drying medium.



| DLT 4 | |
|--|--------------------|
| Heating capacity (kW) | 10 |
| Drive power (kW) | 0.25 / 0.37 (0.75) |
| Capacity (kg/h) | 1,000 |
| Speed of rotary drum (RPM) | 3.5 / 7 |
| Drum diameter (mm) | 840 x 1,700 |
| Screen drum dimensions - Ø x length (mm) | 700 x 755 |
| Screen drum perforation (mm) | 6 |
| Machine weight empty (kg) | 822 |

| DLT 4 | |
|-------|-------|
| A | 970 |
| B | 2,500 |
| C | 1,090 |
| D | 1,290 |
| E | 380 |
| F | 220 |
| G | 160 |

All dimensions in mm



TECHNICAL HIGHLIGHTS

- Electrical heating system with exchangeable heating rods. Infinitely adjustable heat input within a given temperature range
- Integrated screen drum for separation of the drying medium from the work pieces
- Automatic return of the drying medium to the heating zone
- Pass-through times are adjustable between 2 and 4 minutes
- Continuous feed operation facilitates integration into continuous manufacturing processes
- No special noise protection required! The noise level does not exceed 76–81 dB(A)

OPTIONAL EQUIPMENT

- Screen drum extension allows the complete removal of the drying medium from cup-shaped work pieces
- Dust extraction by air suction
- Compressed air nozzles for blowing off dust and drying medium from the work pieces
- Increased heating capacity

SPECIAL DESIGN

- DLT-HL with one (1) or two (2) hot air blowers allows drying the work pieces with only hot air without drying medium

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