

Top-Beschickung
Top Charging

Vötsch
Industrietechnik



Truhenofen VTUT
Chest oven VTUT

Chest oven VTUT

The applications

- Warming up and hot storing of machine components such as spinning nozzles and pumps, e.g. in the plastic industry
- Releasing of welding and casting constructions
- Warming up of heavy components
Pre-heating of materials for subsequent treatment
- Tempering of plastic components.

The advantages

- High nominal temperature of 350 °C
- Easy charging by crane from top
- Short warming-up time.

The equipment

- Inner casing made of aluminized sheet steel
- Outer casing made of galvanised sheet steel, finish (RAL 7032)
- Horizontal air flow
- Lid easy to handle by means of gas-springs
- Several sectional covers for sealing the working chamber to prevent heat loss when sealing lid is opened
- Grates at working chamber floor for heavy loads
- Additional grates in middle of working chamber to increase loading capacity
- High operating safety due to temperature limiter as unit protection
- Convenient, microprocessor-controlled PID-controller.

The options

- Pneumatic cover lifting device
- Exhaust air fan for exhaust of vapours and fast cooling-down
- Inner casing of stainless steel
- Grates of stainless steel
- Special dimensions
- Customised solutions.



Truhenofen in Sonderausführung / chest oven in customised design

VTUT Size			100/50/75	125/50/75	150/50/75	175/50/75	200/50/75	250/50/75	300/50/75	350/50/75
Nominal temperature	°C		350	350	350	350	350	350	350	350
Working chamber	Width	mm, app.	1000	1250	1500	1750	2000	2500	3000	3500
	Height	mm, app.	500	500	500	500	500	500	500	500
	Depth	mm, app.	750	750	750	750	750	750	750	750
Volume	l		375	468	562	656	750	937	1125	1312
External dimensions	Width	mm, app.	1900	2150	2400	2650	2900	3400	3900	4400
	Height	mm, app.	780	780	780	780	780	780	780	780
	Depth	mm, app.	1580	1580	1580	1580	1580	1580	1580	1580
Sealing lid hinged	pcs.		1	1	1	1	2	2	2	2
Covers	pcs.		3	3	4	4	6	6	8	8
Charging levels	pcs.		2	2	2	2	2	2	2	2
Grates at floor	pcs.		1	1	1	1	2	2	2	2
Grates at middle of working chamber	pcs.		3	3	4	4	6	6	8	8
Max. load (distributed load)										
Grates at floor	kg		150	200	250	250	300	400	500	500
Grates at middle of working chamber	kg		150	200	250	250	300	400	500	500
Heating power	kW		12.0	12.0	18.0	18.0	27.0	27.0	36.0	36.0
Connected load at nominal temperature	kW		14.5	14.5	20.0	20.0	29.5	29.5	38.5	38.5
Holding power	kW		3.0	3.8	4.5	5.3	6.2	7.0	8.3	9.5
Mains supply			3/N/PE AC 400 V ±10 %, 50/60 Hz							

Standardsysteme und maßgeschneiderte Sonderlösungen

- Wärme- und Trockenschränke
- Vakuum-, Wärme- und Trockenschränke
- Reinraum-, Wärme- und Trockenschränke
- Explosionsgeschützte Trockenschränke
- Wärme- und Anlassöfen bis 750 °C
- Truhenöfen für die Beschickung von oben
- Schubladenöfen
- Durchlauföfen und Paternoster-Anlagen für kontinuierliche Wärmeprozesse
- Sterilisatoren mit Heißluft (für Normal- und Reinraumbedingungen)
- Beschickungssysteme wie Beschickungswagen, Vorsatzwagen und Gitterroste
- Beheizungsalternativen wie Elektroheizung, Gas, Infrarot, Mikrowellen, Warmwasser, Dampf, Wärmeträgeröl
- Zubehör und Software für Prozessdokumentation im Sinne der EN ISO 9001 zum Steuern, Überwachen, Dokumentieren und Vernetzen von bis zu 32 Anlagen.

Kompetenz und Kundennähe ...

- Individuelle Beratung
- Projektierung und Entwicklung
- Fertigung und Montage
- Inbetriebnahme und Einweisung
- Kalibrierung im eigenen DKD-Labor
- Wartung, Ersatzteil-Service, Reparaturen
- Recycling von Altanlagen
- Schulungen und Workshops

Weitere Informationen, Technische Außenbüros in Deutschland und Vertretungen weltweit finden Sie unter www.voetsch.info



Temperofen mit herausfahrbarem Drehgestell zur Aufnahme von CFK-Hubschrauber-Cockpits
Tempering oven with removable rotary rack for fastening of CFK helicopter cockpits.

Standard and customised solutions

- Heating and drying ovens
- Vacuum, heating and drying ovens
- Clean air, heating and drying ovens
- Explosion-proof drying ovens
- Heating and tempering ovens up to 750 °C
- Chest ovens for easy top loading
- Drawer-type ovens
- Walk-in ovens and systems for continuous heating processes
- Hot air sterilisers (for normal and clean air conditions)
- Charging systems, i.e. charging trolleys, transport trolleys and wire-mesh grates
- Heating options, such as electric heating, gas, infra red, microwave, warm water, steam, thermal oil
- Accessories and software for process documentation as stipulated

in EN ISO 9001 in order to ensure controlling, monitoring and documenting as well as networking of up to 32 units.

Competence and dedication to the customer's needs

- Individual consultation
- Design and development
- Production and assembly
- Commissioning and instruction
- Calibration in own laboratory
- Maintenance, spare parts service, repair
- Recycling of redundant units
- Training and workshops

Further information and representatives world-wide see www.voetsch.info

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