



VACUPRESS 620S3 - UNILOCK

COOL-TEC

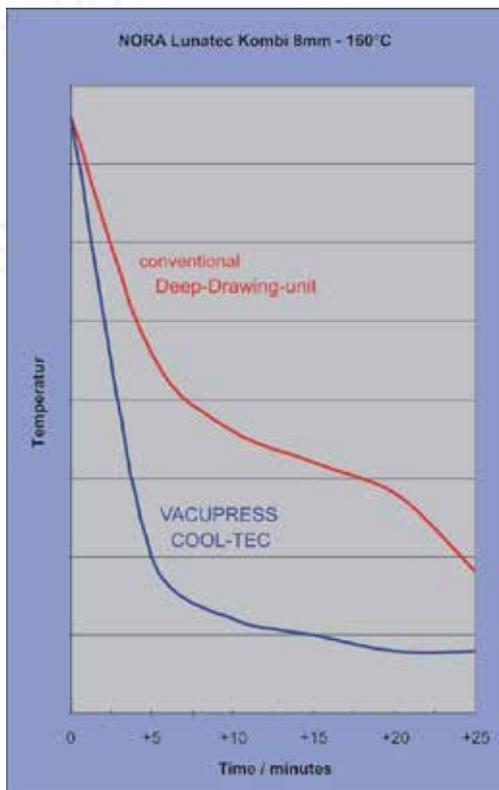
(Article No. 01-620-S3)

With standard COOL-TEC cooling-system

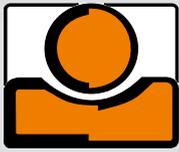
The current version of the VACUPRESS 620 S3 deep-drawing-unit is equipped with the new developed COOL-TEC cooling-system. By use of adjustable special air jets materials can now be cooled automatically at the VACUPRESS unit. Thus cooling duration is reduced up to 75%. Increase the productivity of your workshop by shortening the turnaround times!

- **Revolutionary Cooling-System !**
- **Speeds up the cooling of moulded Thermoplastics up to 75% !**
- **Increases productivity !**
- **Special air jets ensure a minimum air consumption at a low pressure of just 1,5bar !**

* compressed air to be supplied by external system



pic. shows unit with optional accessories:
1. Optical Temperature control 01-622
2. Workbench / Stand 01-625
with 4 casters
3. Convection oven No.1 06-111



Witzel

Vacupress

Witzel VACUPRESS e.K.

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VACUPRESS 620S3 - UNILOCK COOL-TEC

UNILOCK - The Standard for practice-oriented material fixing

Since its introduction in 1990 the VACUPRESS UNILOCK-system has revolutionized the handling of vacuum-deep-drawing units. With the current stage of development - VACUPRESS 620 S3 - many details could be optimized again - improving the ergonomics has been the center of our considerations.



1 Tantering frame easy to open approx. 45° with the usual lift of the main handle

From experience - to practice

With further development of the UNILOCK-system, the working-area has been raised to the level of the clamped material. Hereby inserting the material becomes easier and the results of the deep-drawing-process are getting optimized by a better utilization of the material.



2 Easy insertion of material. The tantering frame stays at the machine and doesn't need to be removed.

- fast and uncomplicated handling
- opening and closing of the working frame with only one handle
- supported by gas-shock
- locking with articulate hinges

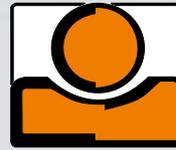


3 Easy closing of the tantering frame: Downwards with main handle - Interlock - Done.

- no adjustment to different material thickness
- no bothering levers and gear
- no sophisticated master lock devices

Vacupress 620 S3 UNILOCK moulds all thermoplastic materials. The integrated vacuum-control guarantees highest molding accuracy and efficient production. Its powerful vacuum-pump with high reserve capacity is lifetime maintenance-free and, due to permanent improvements, it is running smooth as never before - We assist you making you workplace as ergonomic as possible!





VACUPRESS 620S3 - UNILOCK

COOL-TEC

practice-oriented know-how and technology at the state of the art.

A full integrated working area illumination allows to control the complete deep-drawing-process optimal and guarantees perfect results. - We think about your problems and convert your enquiries to the practice!



An outlet on the right side of the machine gives the opportunity to connect additional equipment like heat-guns or an oscillation-saw - directly at your working place (available just for Europe)

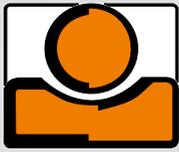


Hot product - cool design!

With the optional heating selector switch, the infrared heating area can be switched off individually in three segments. This saves up to 60% energy when heating small material blanks on the grid

The standard timer can be used to preset heating times from 30 - 200 seconds. An acoustic signal indicates the end of the heating process, whereby the last set time is saved. This means that the heating process always remains safe, even when things get turbulent in the workshop.



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Technical Details:

Type:	VACUPRESS 620 S3 UNILOCK - COOL-TEC - Vacuum-Press for the orthopaedic shoe technique / O&P field
Footprint:	approx. . 0,34 qm / Bench-top version
Dimensions:	H: 1050mm - W: 750mm - D: 590mm
Power supply:	400V / 50Hz / 3 Phase / other available
Capacity:	4,0 KW
Heating:	3840 W / 6x Infrared Quartz tubes with single reflector
Heating-time:	Adjustable from 30-199 sec., 2 LED Displays / Set-time + Remaining-time
Vacuum-pump	0,45 Kw 12 m ³ /h, two-stage - oil- and maintenance-free / motor-protection-switch
Airfilter:	cartridge-type, high capacity
Fram dimensions:	450mm x 600 mm / vertical lift, working area raised on material level
Frame guide:	16 ball bearing, running in steel rails
Vacuum cavity:	W: 140mm L: 190mm D: 190mm / integrated in working area, standard
Frame locking:	Main handle, located on the right hand side
UNILOCK mechanism:	patented one handle material clamping system, self-adjusting from 0,5 up to 8,0 mm material thickness.
Activation grill:	lateral moveable, ball bearing guided, additionally rotateable to the top (180°), vertical adjustable.
Illumination:	2 x 35W / 12V Halogen spotlight
Vacuum automatic:	Standard - vacuum pump starts automatically when working frame is closed, shuts off when vacuum is reached Vacuum pressure is controlled during moulding process.
Heating automatic:	Standard - The Infrared-Heating elements are controlled by an electronic timer and shut off automatically when pre-set heating time is reached.
COOL-TEC Cooling System:	Standard - Integrated cooling-system to decrease cooling period of vacuum-moulded materials by use of special air jets. External compressed air supply required. Pressure is internally reduced to 1,5 bar.
Colour:	structural effect paint, blue / light grey RAL 5017/7035

