

# SEALS

UTEK Sealing Solutions fulfills challenging service requirements, supplying standard seals in high volumes as well as single items and medium series of custom manufactured parts with shortest delivery times.



Specifically, we can produce:

- seals measuring up to 2.000mm (78.5") OD in house on our lathe machines, without welding or gluing
- seals for TBM (Tunnel Boring Machines) with a blend of unique processing technology and welding



## YOUR FIRST POINTS OF CONTACT:

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# UTEK

sealing solutions



Machines

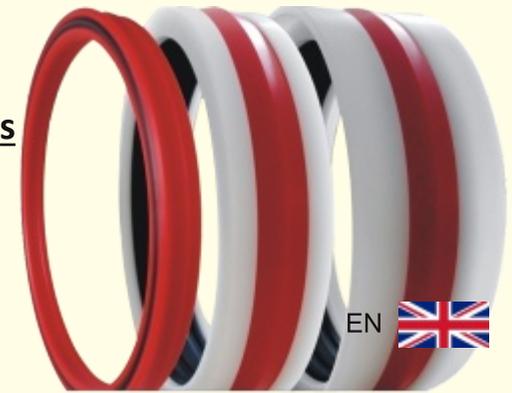


Raw materials



Accessories

Seals



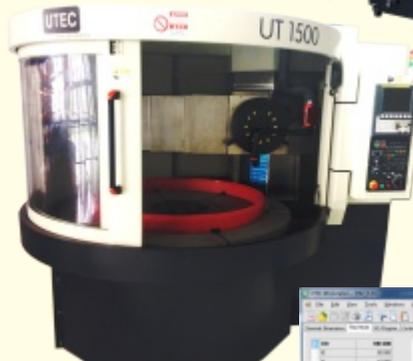
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## MACHINES

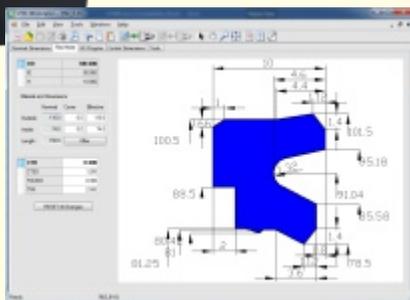


UT400E – the economic alternative for seals up to 400mm (15,7") OD

UT400 & UT750 – the workhorses for seals up to 400mm/750mm (15,7/29,5") OD



UT1500 – The BIG solution for seals between 600 and 1500mm (between 23,6 and 59")



All UTEC machines come equipped with the highly flexible, powerful and user-friendly UTEC "FLEX" software, pre-installed on a PC with Microsoft Windows operating system.

All UTEC seal machining systems come fully equipped with a 12-station hydraulic tool turret, chip cutter, powerful suction unit, a set of tools and high-quality aluminum chuck jaws.

**Just Plug in & Machine!**

## RAW MATERIALS

UTEK Sealing Solutions offer a wide range of raw materials to fulfill the needs of hydraulic and pneumatic seal production as well for engineered plastic parts:

### Polyurethanes:

PU | H-PU | H-PU TQ | PU-FG | PU-LT | PU-SL  
PU-X | PU-XH | PU-XS

### Elastomers:

NBR | NBR-FDA | H-NBR | FPM | FPM-Black  
EPDM | MVQ | TFE/P

### Thermoplastics & Engineering plastics:

POM | PA | PTFE | PEEK | Phenolic resin



## ACCESSORIES



Microscopes (to verify the cutting edge of tool tips before, during and after sharpening)

AccuFinish tool lapping machine (to assure a longer service life of tool tips)



Band saws (for cutting wear and guide rings)

Circumference measuring tapes (various sizes, up to 1500mm)



Beveling shears for cutting guide tapes