

## Technical characteristics

### Mr Blue TRACER - AUTOMATIC CENTERER - BLOCKER

Frame tracing:	Automatic binocular tracing in 3 dimensions High-precision cycle with groove profile measurement Advanced high base cycle
Optical Tracing:	Demo lenses or pre-cut lenses
Automatic centering:	Unifocal, Progressive, Bifocal and Executive lenses
For UF lenses:	Optical centre detection from -20.00 to +20.00 D Sphere and cylinder measurement from -6.00 to +6.00 D
Manual Centering:	2-channel optical system - Automatic identification of focimeter points Special centring for High Base lenses
Shape modification:	Scaling, B-dimension and 1/2 B-dimension, A-dimension and 1/2 A-dimension
Blocking:	Automatic loading of the lens block. Lens block removal in the job axis
Built-in database :	Shapes and drilling parameters

### Mr Blue EDGER

Tracing:	Simultaneous tracing of the front and back surfaces of the lens (Essilor patent)
Cycles:	Standard, milling and EAS (Edging Assisted System) cycle
Finishes: Bevel	With 3 D bevel profiling
Groove	Groove width and depth settings [steps of 0.05mm].
Drilling	Automatic or customised adjustment of the drilling angle Through holes, non through hole, notches Maximum number of holes per lens: 12
Counter-bevel	Front and/or back surfaces

Flat-edge finish and polishing - B-dimension, minimum: 17 mm on flat edge, 18.5 mm on bevel.  
Speed variator - 3 or 4 wheel versions [depending on lens materials]: glass, plastic, composite edging: medium- and high-index, polycarbonate, polishing.

### Mr Blue DIGITAL SYSTEM

Automatic calibration and Self-diagnosis - Boxing mode configuration - Toolbar customisation - 10 inch touch screen - Possibility of network operation - Connection to Essibox and PC - Complies with CE standard  
Complies with standard ISO 16 284 [OMA 3.07 compatible].  
The shop should have a permanent, "always-on" ADSL link.

	Tracer - Centrer - Blocker	Edger
Dimensions	W320 x D520 x H700 mm	W570 x D490 x H700 mm
Weigh	25 Kg	68 kg
Power consumption	250 W	2000 W
Power supply voltage	240-100 V~ 60/50 Hz 5-3 A	220-240V~ 50/60Hz 10A 100-120V~ 50/60Hz 15A

To allow for ongoing improvements, these specifications are non-contractual and are subject to modification without notice.



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ESSILOR INTERNATIONAL - RCS Créteil B 712 049 618 - 01/09 - P100501E - Hakuhodo France



Mr Blue.  
You will love working with him.

ORGANISING  
VISION



# Mr Blue.

Born to open up new horizons.

## Ready to take up all challenges, present and future

- New hybrid platform.
- Scalable multi-tool module.
- Waterless milling cycle.

## He loves to make things easier

- New interface on ultra-reactive touch screen.
- Library of shapes and drillings.
- Built-in accessory distributors.

## He is as flexible as a gymnast

- Control of all finishes up to base 9.
- Exclusive variable geometry bevel.
- 30° tool inclination.

## He has an innate sense of centring

- Fully automatic centring.
- Demo lens optical tracing.
- Pre-location of drilling parameters.
- No handling of the lens.

## He has a keen sense of result to guarantee the optimum first fit rate

- Absolute centring control.
- Machining process under permanent monitoring.

## He adapts to the designers' most daring innovations

- From the largest to the smallest of frames.
- High base cycle (base 9) with frame base and curve angle acquisition.
- Small B-dimensions, down to 17 mm.

## He makes sure he remains on top form

- Built-in remote maintenance module.
- Downloadable software upgrades.
- Remote trouble shooting.

## He hates wasting time

- Grooving, drilling and counter-bevelling twice as fast.
- Recognises your habits and anticipates your choices.
- Immediate access to accessories and information.



At last, you will be able to **appreciate high base curves** from every angle...

Since he traces all frames up to base 9  
With a feeler tilted at 15°, you will be able to follow grooves with the sharpest curves.

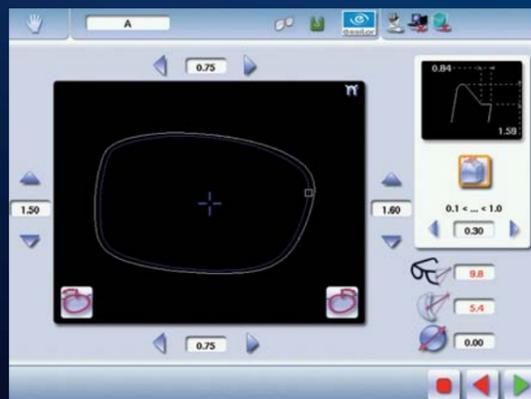
Since, right from the centring step, he preserves all the visual comfort of the spectacles

Equipped with an exclusive mode combining wearer data and frame parameters (base, curve angle, pantoscopic angle), he offers customised centring of curved lenses.

Since he has an exclusive advantage: the variable geometry bevel\*

Bevel with fully customisable profile, to suit groove shape and the lens thickness. The opportunity to combine, for the first time, aesthetics and easy adjustment of curved frames.

\*Essilor patent.



In addition, his "analysis" of the lens geometry and the degree of inclination of all the tools guarantee optimum following of the most curved trajectories in all finishes (drilling, grooving, bevel).



...and enjoy every day the extent of your **freedom of action.**



Since he has a built-in milling cutter to cut the most complex lenses with a perfectly controlled result\*.

- Hydrophobic lenses
- MHI lenses
- Highly curved lenses

\*Respecting, obviously, your lens manufacturer's instructions.



Since he cuts MHI lenses with no unpleasant smell

In addition, milling consumes no water and generates less dust and residue.

Since he is ready to take up new challenges

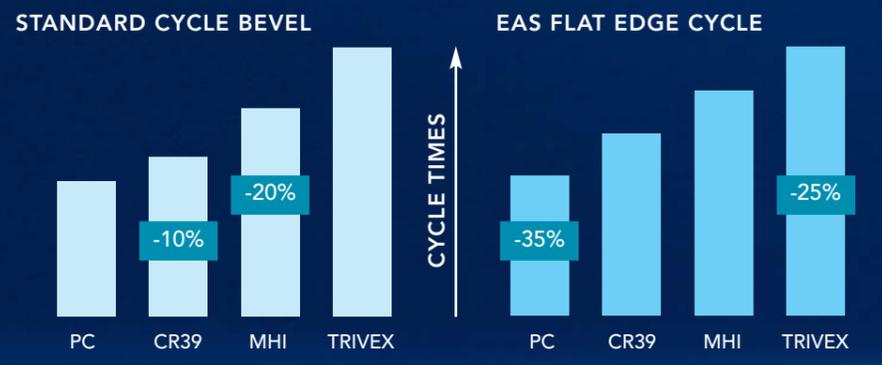
With a firm outlook towards the future, this scalable hybrid platform is designed to accept new machining possibilities and further expand the scope of your services in the future.

Since his drilling is safer and faster

Accurate, requiring no prior operations, optical tracing will acquire shape and drilling data in a single operation. Associated with his new database, this function will make it easier for you to manage your shape and drilling libraries.



# You will save valuable time at every step...



Significant time savings compared with current generation platforms.  
Average cycle times observed on a range of lenses between -3.00 D and +3.00 D.

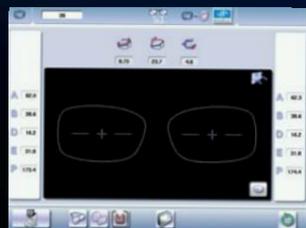
### Since he demonstrates his efficiency under all circumstances

Ease of use, new drive, high-quality cutting tools, calculation speed, etc. With these advantages, he optimises every work phase for all types of lens. Thanks to this performance and his control of the overall process, he delivers outstanding first fit quality and finish.

## ... Not to mention the new horizons opened up for you!

### Since his touch interface offers "customised" reactivity

Smart, he learns from you as you work with him; he recognises your preferences and even anticipates your choices.



### Since with him, the workshop has never been so comfortable

He offers unequalled ergonomics. Every tool has its place and is naturally within reach. His vertical architecture follows the universally appreciated Essilor tradition. His inclinable screen guarantees comfortable work under all circumstances.



### Since with his new accessories, there is absolute simplicity

Of optimised diameter, the standard lens blocks cover almost 90 % of the frames on the market. Consequently, "small" lens blocks are now only required for very small frames. Equipped with metal pins, their clamping during blocking is optimised by magnetisation.



## Mr Blue, Essibox and you towards a boundless horizon.

### Did you know that these 2 colleagues speak the same language?

Teaming up these two partners means enhanced equipment connectivity and optimised job management. Together, they guarantee:

- Connection with your store management software to avoid double entries.
- Permanent visibility over current and future jobs.
- Reception of new exclusive drilling models.
- Possibility of sharing data between several stores, in Essibox Multi-site configuration.