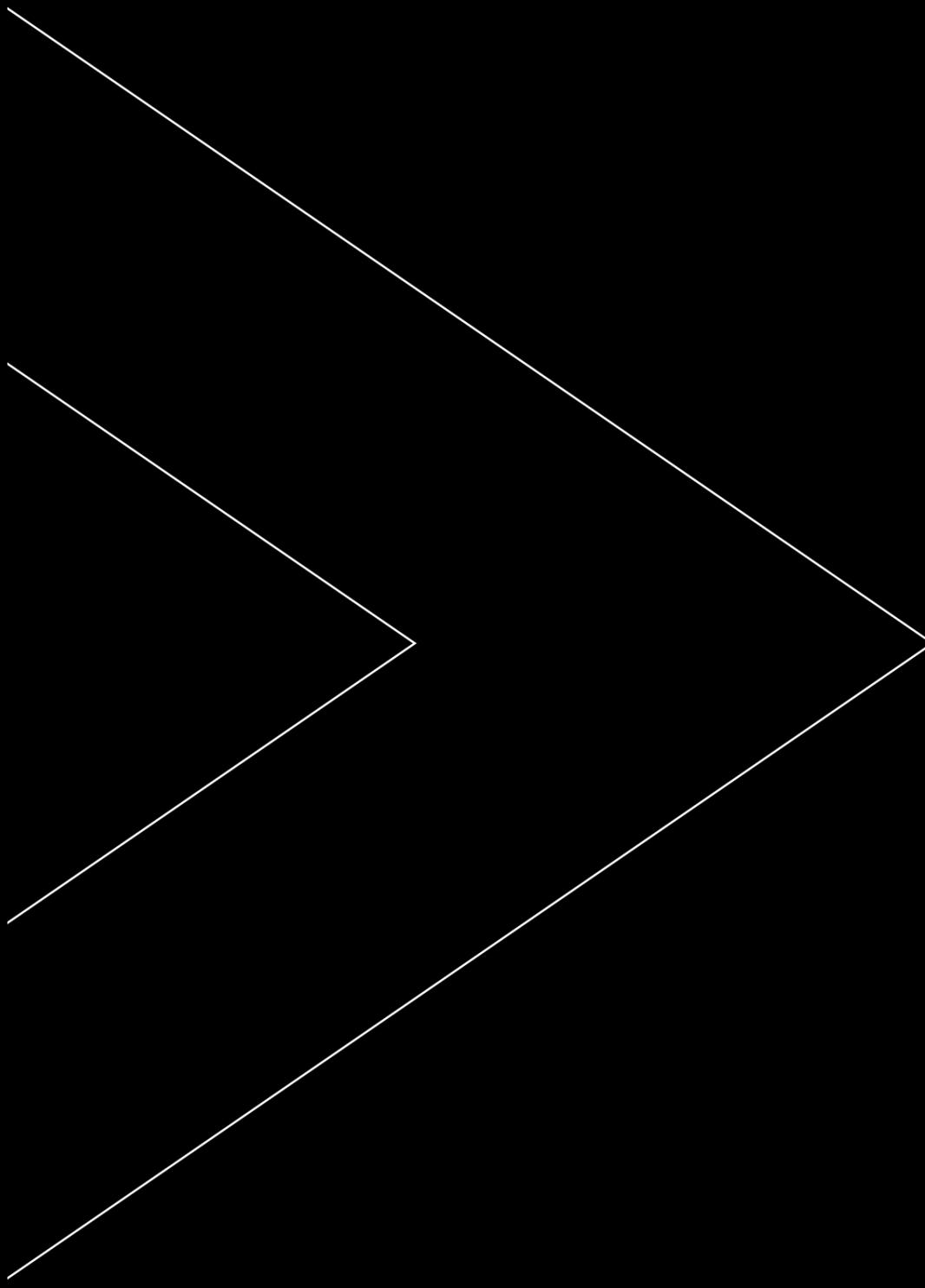


Empowering
what matters.
Empowering
applicators.

RAPTOR
by meler



EMPOWERING APPLICATORS.

EMPOWERING
WHAT MATTERS.

meler

RAPTOR
by meler

1. Intro
2. Raptor Infinity
3. Logical simplicity
4. Raptor range
5. By Meler
6. Empower your system

EMPOWERING
WHAT MATTERS.

RAPTOR
by meler

1. Intro

All science involves
a bit of magic.

What makes the best solutions the most versatile, what keeps everything running smoothly. The science we all need, helping us move forward and making our lives easier, technology that connects what really matters to us, effortlessly, providing a solution to every challenge. These are our applicators.

Discover Raptor, Meler's most versatile applicator range.

EMPOWERING
WHAT MATTERS.

RAPTOR
by meler

2. Raptor Infinity

RAPTOR INFINITY

DISCOVER THE MOST VERSATILE
AND EFFICIENT APPLICATOR.
MAXIMUM PRECISION AFFORDABLE
FOR EVERYONE.



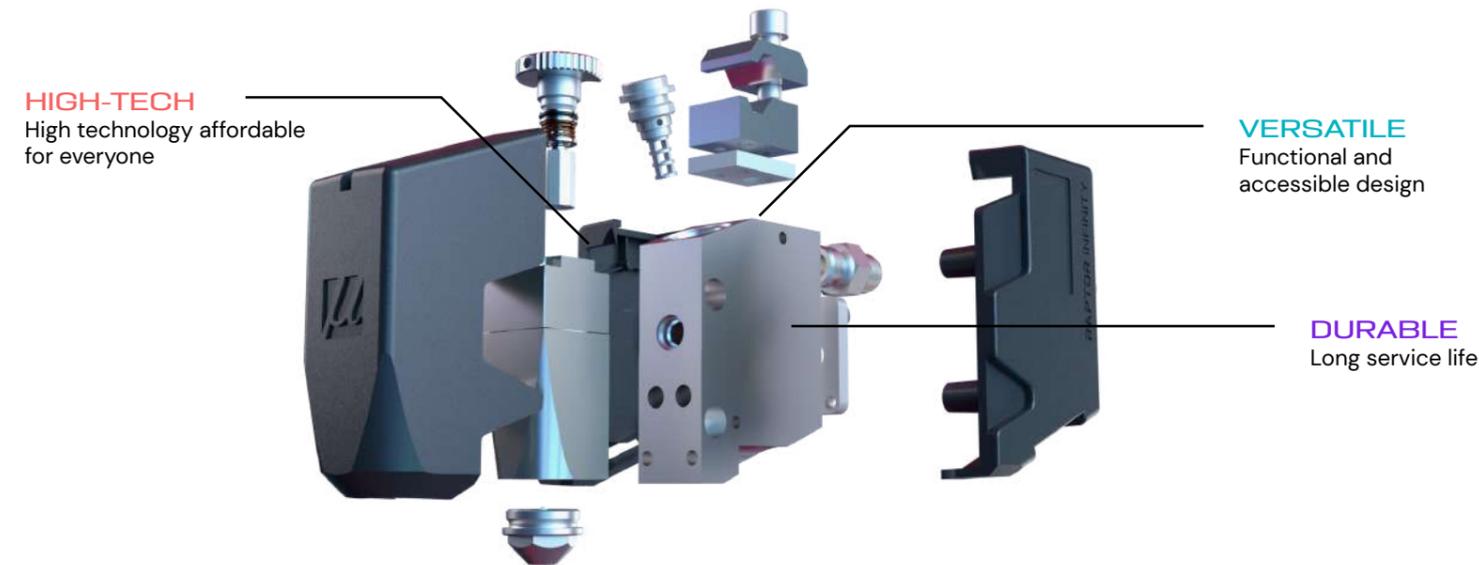
2. RAPTOR INFINITY

RAPTOR INFINITY

FOR INFINITE PERFECTION

Because we strive for solutions that make life easier.

A versatile, durable and high-tech advanced solution that will help you improve the performance of your adhesive applications. The electric applicator you need in your day-to-day life if you are looking for safety and simplicity in your processes.



SPECIFICATIONS*

Operating voltage (heating) 230 VAC/ 50-60 Hz	Rod clamps ø12 mm	Max. pressure 80 bar	Min. Dot time 3,5 ms
RTD Temperature sensor Pt-100, Ni-120 or NTC	Protection class IP41 (IP54 optional)	Output Nozzle diameter 0.30, 0.40, 0.50 or threaded end 3/8" SAE-24	Operating voltage (control) 24 VDC±5% 19,2 W max.
Hydraulic connection 9/16" -18 unf (Straight, 45° or 90° fitting)	Max. Viscosity 6.000 mPa.s	Max. frequency 150 Hz (Average continuous application)	Lifetime >500M Cycles
Filter mesh 50, 100 o 200	Max. Working temperature 180° C	(*) All these technical data depends on working parameters used (speed, viscosity, temperature, nozzle diameter, distance to the substrate, etc.). In any application, user has to test and set the suitable parameters to achieve his requirements.	

ADVANTAGES

 HIGH TECHNOLOGY AFFORDABLE FOR EVERYONE	 LONG SERVICE LIFE AND EFFICIENT MAINTENANCE	 IMPROVED PERFORMANCE AND SAFETY	 MAXIMUM ACCESSIBILITY WITH ITS MECHANICAL DESIGN	 EASY INSTALLATION AND USE
 ABILITY TO WORK CONTINUOUSLY OVER LONG PERIODS OF TIME	 BOOSTS PRODUCTIVITY THANKS TO ITS VERSATILITY	 SIMPLIFIES YOUR SYSTEM: YOUR PROCESSES WITHOUT USING A DRIVER	 ADHESIVE SAVINGS	 CUSTOMISED PERSONALISATION

RAPTOR INFINITY

FOR INFINITE PERFECTION

We look for and find solutions where no one has found them, never ceasing in our efforts to build the best with you. We are always thinking about the next step so you can discover new ways of boosting what matters to you.



SPECIALIZED IN



GRAPHIC ARTS / PPC

- Folding cartons
- Paper and paperboard converting
 - Folding carton
 - Corrugated boards
 - Bags manufacturing
- POP displays



PACKAGING

- Carton box closing
- Gluing of straws/Coupon attachment
- Pharmaceutical tamper-resistant packaging
- Cardboard boxes

APPLICATION

DOTS



BEAD



2. RAPTOR INFINITY

1. HIGH-TECH

Maximum performance:

- Response up to 150 Hz
- Wide range of viscosities (6,000 mPa.s max.)

Ability to work continuously over long periods of time:

- Continuous application up to 150 Hz

Great precision:

- Precise dots (t.min 3.5 ms)



150 Hz

Continuous

2. VERSATILE

The most accessible applicator:

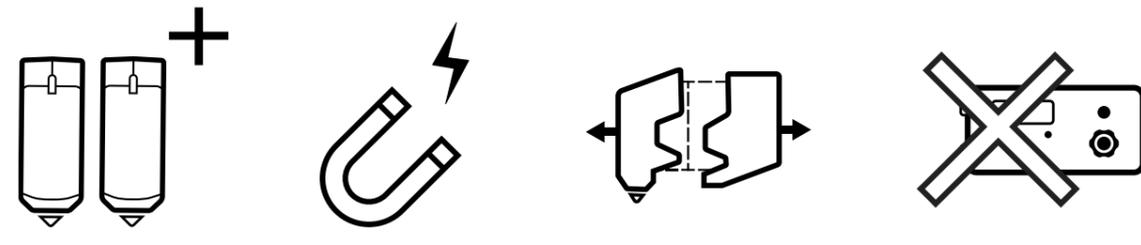
- Magnetic covers: easy to remove and adjust
- Works with any PLC*: no driver required
- Easy installation and use

Specialist in adhesive application:

- Bead and dot application
- Adaptable to multiple markets and needs
- Specialised in packaging and graphic arts applications

Customisation:

- Multi-module: customised configuration
- Wide range of nozzles and accessories



Multi-module

Magnetic covers

Accessible
Easy
disassembly

Client's PLC
No driver

3. DURABLE

>500M cycles of use (long service life):

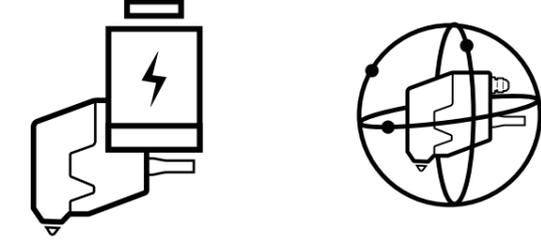
- High repeatability
- No wear of moving parts

Efficient maintenance:

- Reducing and simplifying maintenance

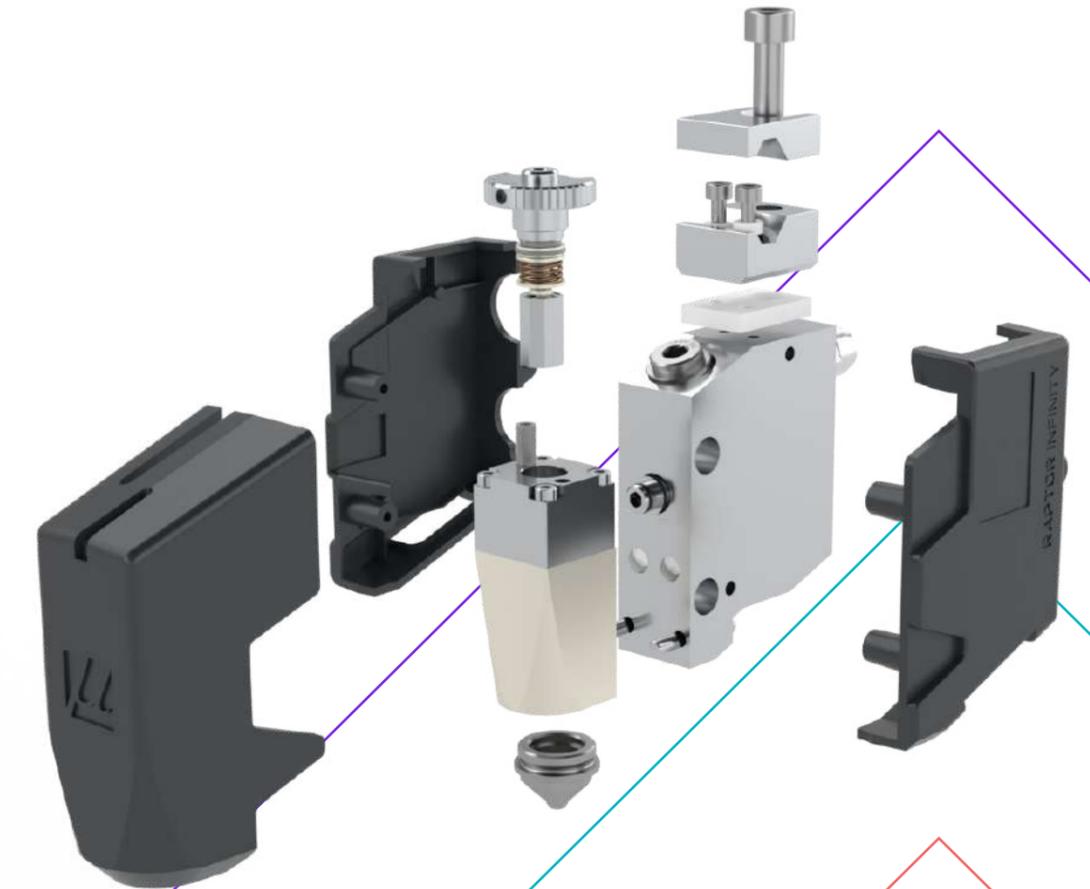
Maximum safety:

- Insulated covers, cool-touch (burn protection)
- IP 54 protection (optional)
- Reduced noise levels



>500 M

IP 54
(OPTIONAL)



*Maximum consumption of 0.8 A. See manual for further information.

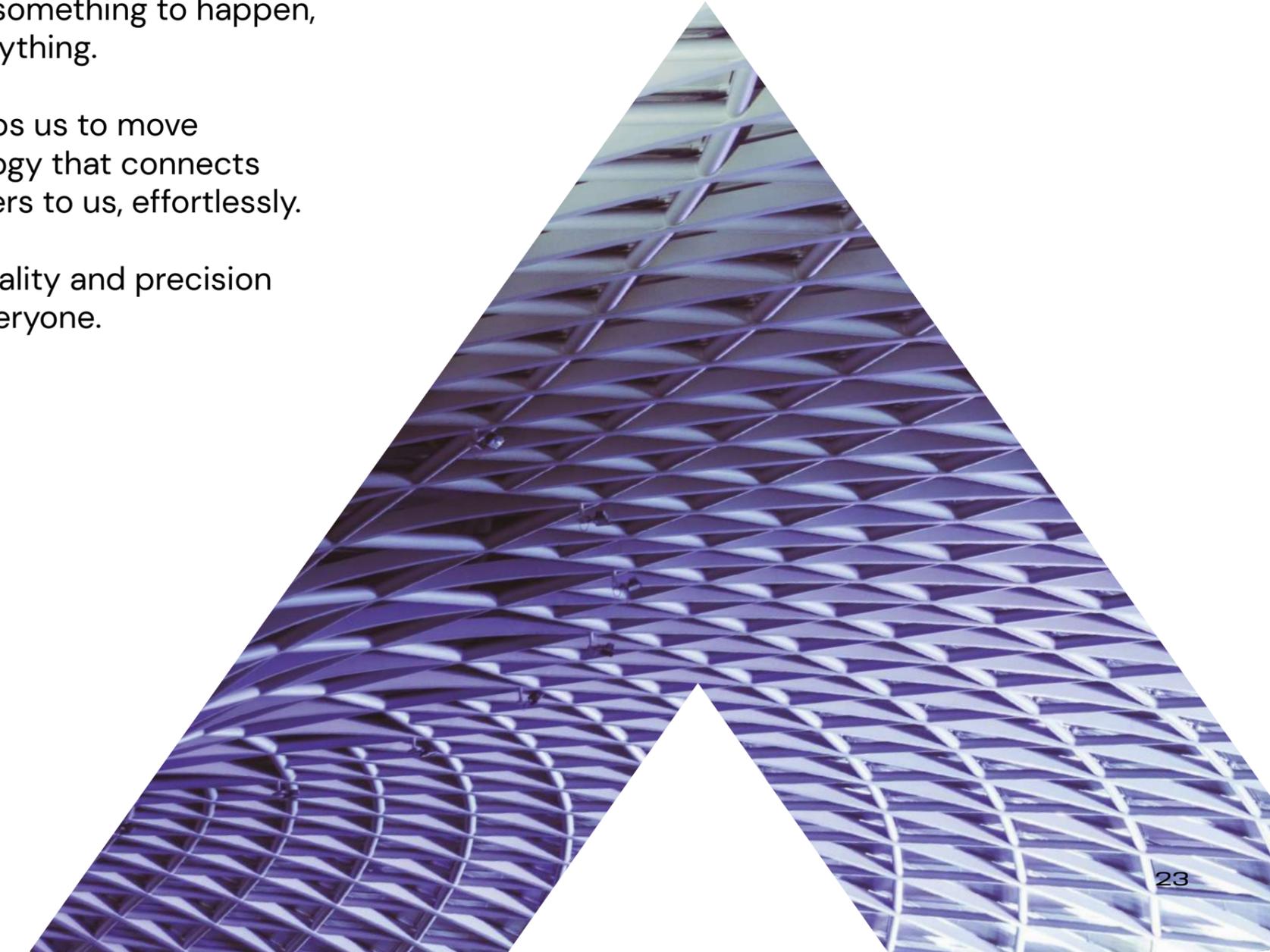
3. Logical Simplicity

Raptor Infinity is an ode to high technology.

When you need something to happen,
simplicity is everything.

Science that helps us to move
forward, technology that connects
what really matters to us, effortlessly.

Technological quality and precision
affordable for everyone.



3. LOGICAL SIMPLICITY

ADVANCED TECHNOLOGY



Raptor Infinity is technology, development and research. Raptor Infinity where magic becomes technology, technology at the service of the client.

DESIGN AND COLLABORATION



The collaboration with different international teams has been key to offering a high-tech product with a sophisticated design.

SPECIALIST MANUFACTURING AND ATTENTION TO DETAIL



At Meler, we focus on the small details. Our specialised teams work to ensure that every single component works correctly and provides the highest quality.

Where tech



meets magic

EMPOWERING
WHAT MATTERS.

RAPTOR
by meler

4. Raptor range

Welcome to
RAPTOR

Raptor, Meler's applicator solution, was developed to boost your production capacity, the specialist in improving performance and simplifying your industrial adhesive application processes. We have launched the most versatile, efficient and customisable range of hot melt adhesive application solutions, with the best specialist team to help you find a solution for your every business need, based on one simple goal, to look after what matters to you and everything around you.

VERSATILE

DURABLE

HIGH-TECH



meler

5. By Meler

We are Meler,
your Gluing
Solutions Partner.

Accompanying you in improving the performance and efficiency of your business thanks to our expert team of professionals with more than 40 years of experience. We are specialists in consulting, design, development and production of technologies that improve industrial hot melt adhesive processes.

Present in more than 40 countries, we bring all our knowledge and all our technology to make process automation accessible, improve the performance of operations, increase the quality of our products and reduce the cost of maintenance, gaining agility and boosting your operations and business.



Improving the performance and efficiency of your processes.

Thanks to our support, engineering and training services, we will be at your side to take care of what you care about most, and help you to go further by doing impossible things. Developing proprietary technology that drives every part of your adhesive process, through complete systems or the improvement of individual parts.

We work every day to help you be a part of everything around you, connecting your world with your customers', your products with people's lives, what you do with what really matters.





6. Empower your system

All science
involves a bit
of magic.

And that magic is found
in the way we do things, in
the way we stand by your
side to offer you the best
products and the best
talent to help you in your
business challenges.

A Tirelessly Dreaming team:



We look for and find solutions where no one else has found them, never stopping in our efforts to build the best with you. Always thinking about the next step so you can discover new ways to push what matters to you.

Being always Humanly Empathetic:



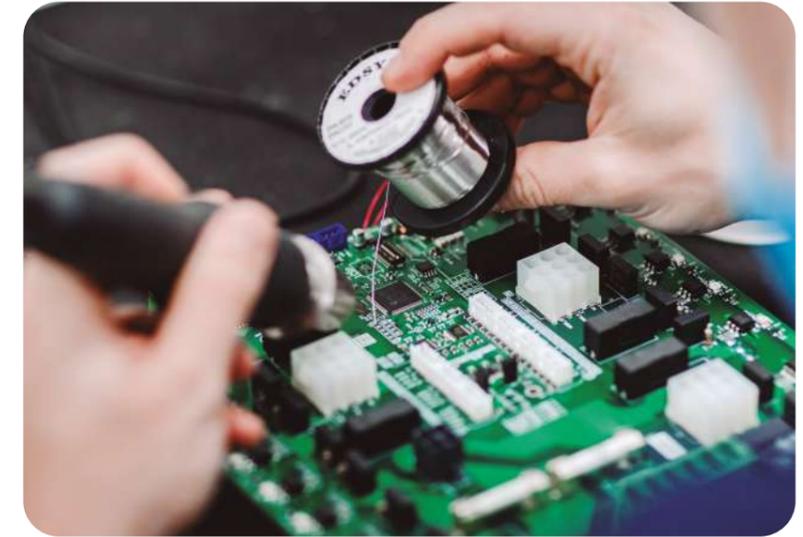
Walking beside you, we care about what matters to you. We listen to you and take care of all your concerns, understanding that we are people working with people, that your success is our success.

With a Responsibly Courageous attitude:



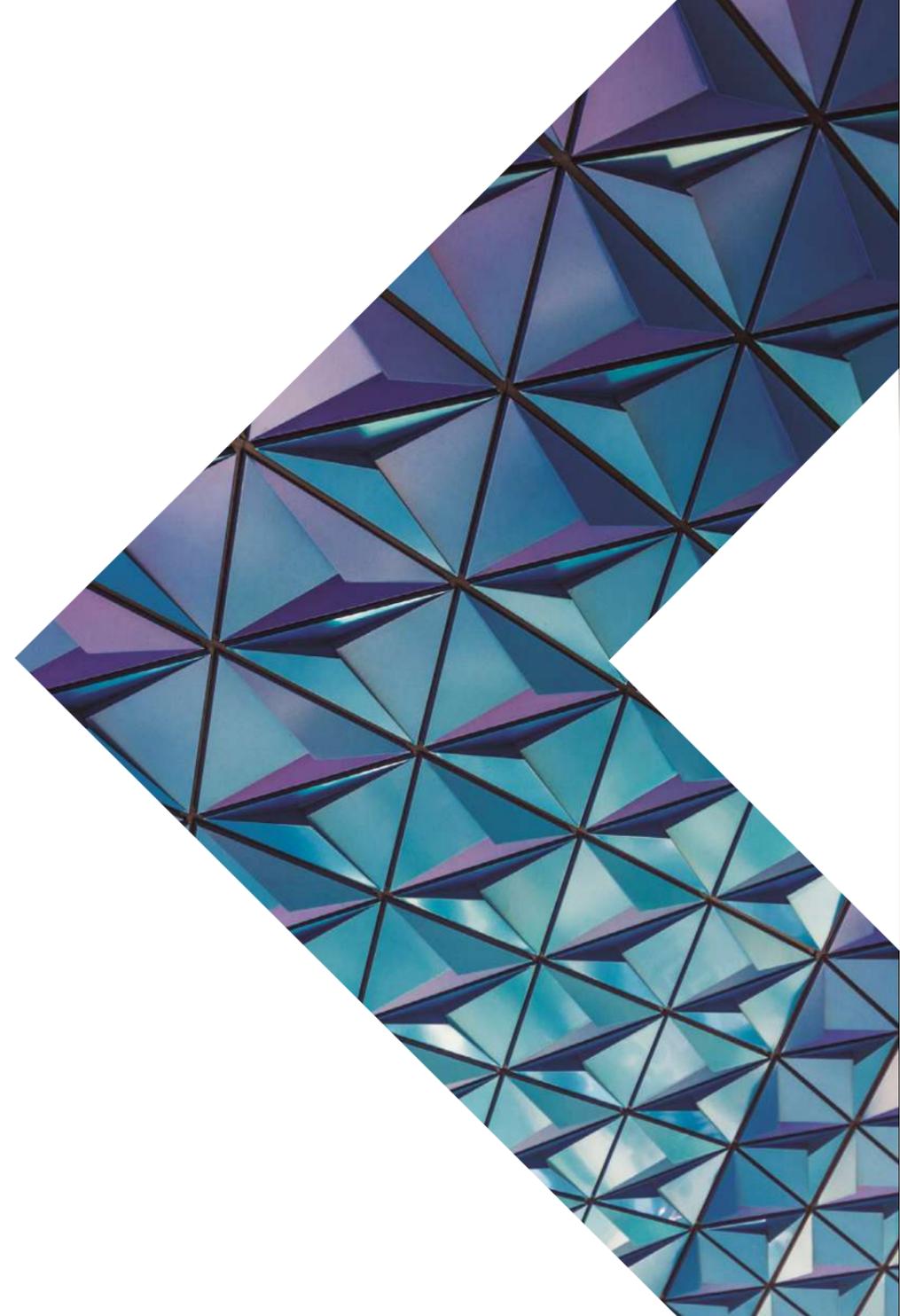
We are not afraid of challenges, we face them with the firm conviction that we can overcome them, thanks to our experience we know the paths we can walk together and those we cannot.

With Sophisticatedly Ingenious Solutions:

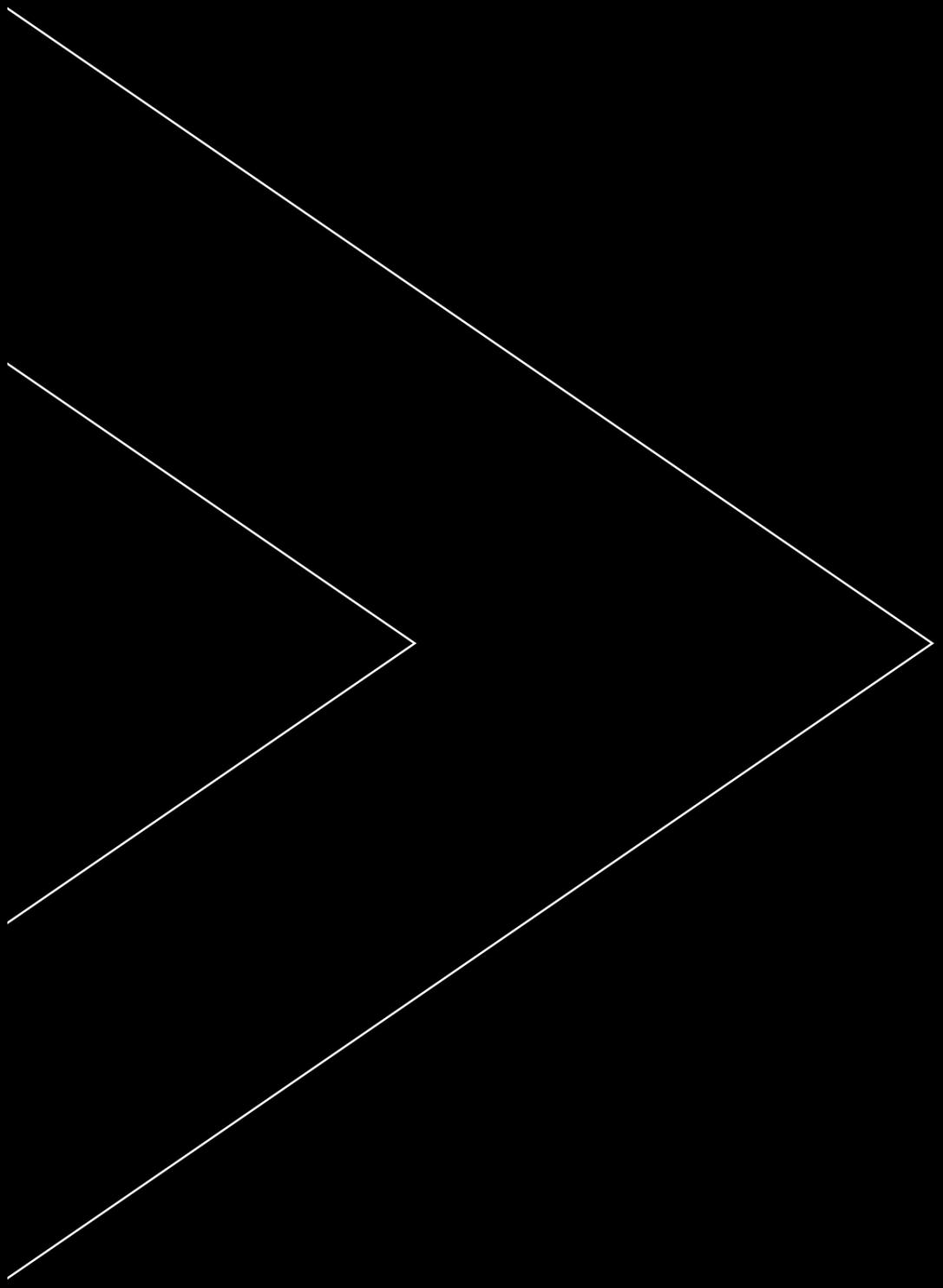


Because sometimes the most innovative solution is not the most complex, because we are able to provide creative solutions that take care of the smallest detail so that everything works as it should.

And of course,
all magic should
have some
science in it.



That's why we work to
ensure that our products
and solutions meet your
challenges in the best
possible way.



EMPOWERING APPLICATORS.

