

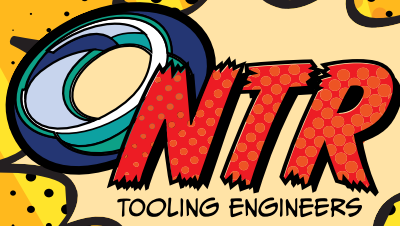
SAVIOUR OF DRIVEN/LIVE TOOLING AND ANGLE HEADS ACROSS THE UNIVERSE

# DRIVEN TOOLING DOCTOR

No. **46**

EST. 1978

MEET THE DOCTOR - ONE OF NTR'S TOOL HEALTH HEROES



**GUARANTEED  
STANDARD 7 DAY  
TURNAROUND**

**FREE PRE-QUOTE  
HEALTH-CHECK**

**EMERGENCY  
48 HOUR SERVICE  
AVAILABLE**

**FREE COLLECTION  
AND DELIVERY IN  
MAINLAND UK**

**NTR BESPOKE  
SERVICING PLANS  
NOW AVAILABLE**



**NTR FOR DRIVEN & LIVE TOOLING MAINTENANCE**

**01937 845112 SALES@NTRLTD.CO.UK**

# DOCTOR, DOCTOR HOW HEALTHY IS MY TOOLING?

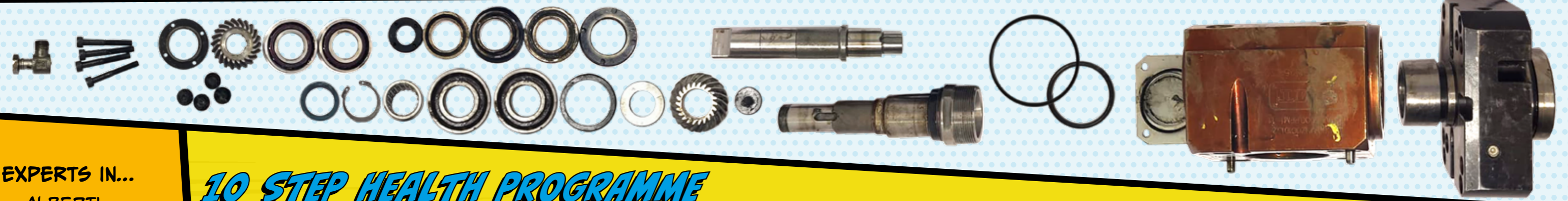
With over 46 years experience in servicing and repairing tooling, thousands of metal cutting tools have passed through NTR doors. Hundreds of businesses across Europe, rely on our expertise to keep their manufacturing facilities running every day.

It was an obvious progression, as tooling experts, that NTR would evolve their services to include other maintenance and repair solutions. Driven/live tooling was one such example, when existing customers started complaining about the standard of repair services in the sector, up stepped The Driven Tooling Doctor!

DO YOUR UNITS SUFFER FROM ANY OF THESE SYMPTOMS?



- ### DOC'S POOR HEALTH CHECKLIST
- DOES YOUR DRIVEN/LIVE TOOLING UNIT SUFFER FROM...
- A VISIBLY DAMAGED BODY?
  - EXCESSIVE HEAT OR NOISE WHEN IN USE?
  - RUN-OUT TOLERANCE ISSUES?
  - MACHINED SURFACE FINISH IS POOR?
  - TOTAL UNIT SEIZURE?



- EXPERTS IN...**
- ALBERTI
  - ALGRA
  - BENZ
  - BIG DAISHOWA
  - EPPINGER
  - EWS
  - GERRARDI
  - HEIMATEC
  - MARIO PINTO
  - OMG
  - SANDVIK
  - STAR
- PLUS MANY MORE...**

## 10 STEP HEALTH PROGRAMME

- 1.** The unit arrives on site at the NTR surgery  
The unit is booked in and allocated a works order tracker number, then checked for aesthetic damage.
- 2.** Unit is stripped down and assessed for service/repair  
A free thorough pre-quote health check is undertaken with photographs and/or video where applicable.
- 3.** Full quotation with photos are emailed within 48 hours  
An assessment of the unit's requirements is produced for every unit prior to commencement of service/repair.
- 4.** When the PO is raised, the unit enters the service/repair process  
The unit is allocated its own unique NTR Passport Tracker Number, which stays with it through its service life.
- 5.** A report with a detailed replacement parts list is created and picked  
NTR keeps OEM spares in stock for a quick turnaround, while special order items such as gears are ordered directly.



- 6.** The unit is carefully reassembled and gradually run-in  
Using a light load to stabilise all moving parts, further tests are carried out to verify noise and heat generation.
- 7.** The Doctor tests and verifies T.I.R, temperature and noise  
The NTR Passport fully records the results for each unit to build a complete health history.
- 8.** Finally, moving to speed step verification  
The unit is taken through a range of speeds and, if required, loadings, which gives the customer confidence that all parameters are correct.
- 9.** Certification is signed and the NTR Passport stamped  
NTR will contact you when your next service is due, which typically, will vary between 6 to 12 months depending on usage.
- 10.** The unit is packaged and despatched by the NTR Health Team  
Along with your certification and NTR Passport, your unit is packed in recycled packaging using 'green couriers' to deliver your unit safely.



THE DOCTOR RECOMMENDS AND FITS ONLY OEM BEARINGS & SEALS, TO ENSURE THE VERY BEST RESULTS FOR YOUR DRIVEN/LIVE TOOLING UNITS:

**NTR FOR DRIVEN & LIVE TOOLING HEALTH**

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# THE DOCTOR WILL SEE YOU NOW...



At NTR, we understand that keeping your machinery running is crucial to your business. A machine down often means deadlines missed, resources not utilised and an unhappy customer.

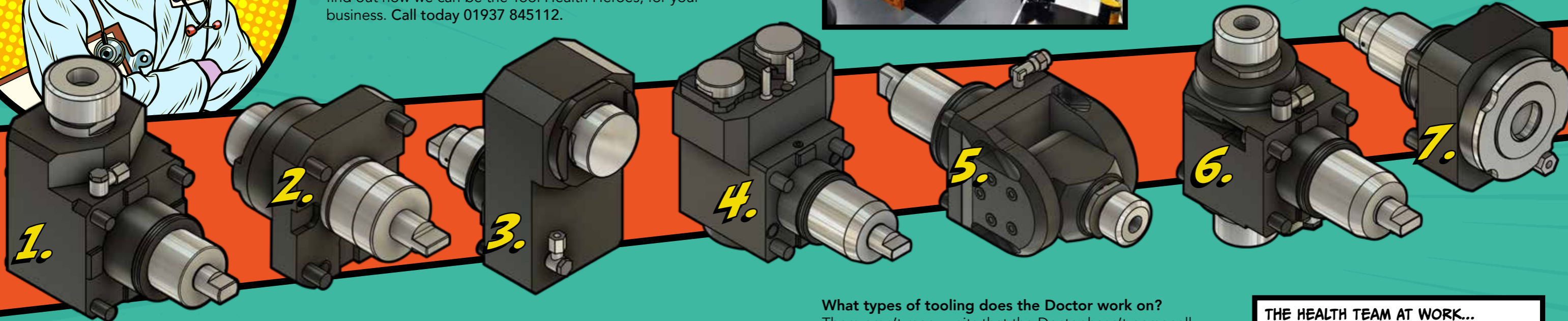
At the heart of a well-run manufacturing facility is maintenance, and that's how the Driven Tooling Doctor can help you. Not only is our repair service second-to-none, we also offer bespoke Servicing Plans to reduce the chance of breakdowns before they happen. Contact us today to find out how we can be the Tool Health Heroes, for your business. Call today 01937 845112.

## THE DOCTOR'S SURGERY...



Where does the Doctor work on driven/live tooling? Our purpose-built clean-room is the hub of our driven/live tooling services. At NTR, we invest in the right equipment to ensure your machine runs true.

- T.I.R measurement +/- 0.001mm accuracy
- Noise monitoring
- Temperature variation
- Step speed running-in
- Full certification and tool history



## What is driven/live tooling?

Driven tooling (aka live tooling) is straight or angled tools that mount to a CNC lathe to allow tapping, milling, broaching or drilling functions, on the face or on the diameter, of a workpiece. While standard lathing tools are held stationary against a spinning workpiece, driven tools attach to a spindle mounted to the lathe turret. These units eliminate secondary machining operations which make them invaluable, but only if they are running well - that's where The Doc comes in:

- Guaranteed standard 7 day turnaround
- Free pre-quote health-check
- Emergency 48 hour service available
- Free collection and delivery in Mainland UK
- NTR bespoke Servicing Plans now available

## DRIVEN TOOLING IN ACTION...



## What types of tooling does the Doctor work on?

There aren't many units that the Doctor hasn't personally tackled in his decade at NTR. Here are just a few examples of the type of units that pass through his surgery daily. Have something unusual? The Doc will relish the challenge!

1. AXIAL DRIVEN TOOL
2. RADIAL DRIVEN TOOL
3. RADIAL DRIVEN TOOL RE-DIRECTED IN Z
4. AXIAL SINGLE SIDE TWIN HEAD DRIVEN TOOL
5. ADJUSTABLE ANGLE DRIVEN TOOL
6. AXIAL OPPOSITE FACE TWIN DRIVEN TOOL
7. RADIAL DRIVEN TOOL WITH CAPTO COUPLING

## THE HEALTH TEAM AT WORK...



**CALL THE DOCTOR FOR ALL OF YOUR  
DRIVEN & LIVE TOOLING NEEDS**

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# SERVICE PLANS TO KEEP YOU RUNNING

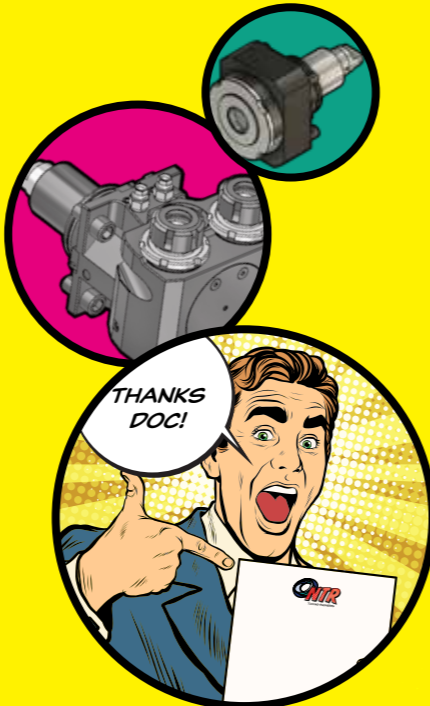


With tight production schedules and stringent quality standards mean that the performance of your Driven Live Tooling can be critical for your customer service and your business. When tooling failure is not an option, regular and expert NTR maintenance is a must. That's why many NTR customers choose a Service Plan.

All our Service Plans are delivered by our experienced technical service engineers. We sit down with you to plan a service schedule based on your needs and operational demands. Then we take care of the rest. We perform regular services, replace wear parts when needed and ensure your equipment will perform accurately and reliably until its next service. And, in the unlikely event that something does go wrong, we can offer an Emergency 48 turnaround – fast.

## THE DOCTOR'S 6 SERVICE PLAN BENEFITS:

- REDUCE DOWN-TIME**  
Regular scheduled maintenance minimises the likelihood of breakdowns and keeps driven/live tooling running smoothly
- HIGHER QUALITY OUTPUT**  
Continuous servicing ensures high quality performance, delivering accuracy and repeatability
- LOWER OPERATING COSTS**  
Regular maintenance reduces the risk of unforeseen breakdowns and repairs
- REPLACEMENT OF WEAR PARTS**  
By regularly replacing wear parts, smooth running continues until the next planned preventive maintenance service
- COMPETENT ENGINEERS**  
Fast resolution of issues and efficient maintenance by experienced NTR technical service engineers
- EARLY DETECTION**  
Our technical service engineers thoroughly inspect all parts of your driven/live tooling and let you know if changes are necessary

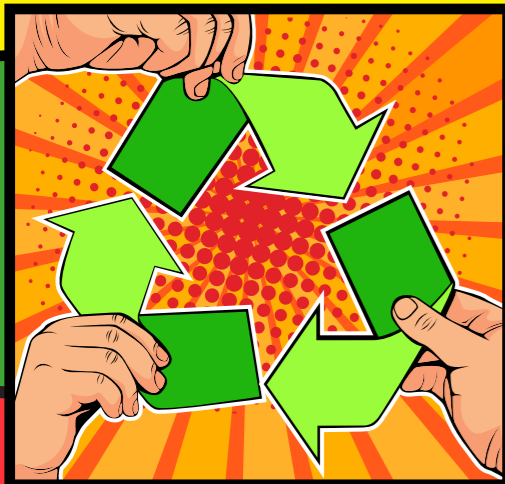


If you'd like the Doctor to keep a regular check on your driven tooling health to mitigate risk of down-time, contact our sales team now. Call the Doctor's Service Plan Team : 01937 845112.

## GREEN CREDENTIALS

When you opt to repair a driven tooling unit or a metal cutting tool, rather than replacing the item, you are reducing waste and limiting the use of resources - good for your costs, good for the planet.

Call us now to find out how NTR can help your business achieve ISO14001:2015 accreditation.

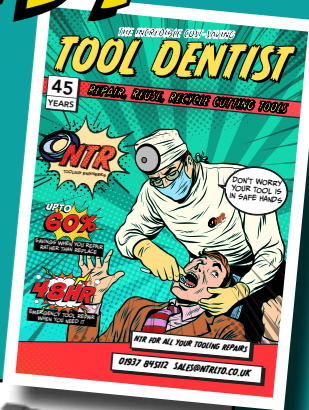


# MEET THE TOOL DENTIST

OUR TOOLING HEALTH TEAM DOESN'T STOP AT DRIVEN/LIVE TOOLING. AT NTR, THE TOOL DENTIST, REPAIRS, SERVICES AND RECYCLES METAL CUTTING TOOLS TOO.

EACH OF THESE TOOLS ARRIVED WITH THE TOOL DENTIST DAMAGED AND UNUSABLE. WE HAVE BEEN REPAIRING METAL CUTTING TOOLS FOR OVER 40 YEARS AND WE ARE

EXPERTS IN OUR FIELD. BY PERFECTING OUR REPAIR PROCESS THE TOOL DENTIST CAN HELP YOU MAKE SUBSTANTIAL SAVINGS ON THE COST OF REPLACEMENT TOOLING.



MEANWHILE TOOLS REPAIRED BY THE TOOL DENTIST...



BEFORE



AFTER



FOR EVERY 1 TONNE OF STEEL RECYCLED, THIS SAVES: 1133KG OF IRON ORE, 635KG OF LIMESTONE & 500KG OF COAL PREVENTING 1 TONNE OF GREENHOUSE GASES ENTERING THE ATMOSPHERE

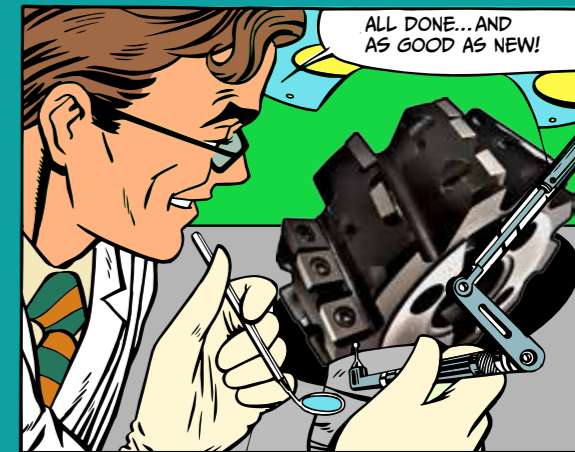
BEFORE



BEFORE



AFTER



ALL DONE... AND AS GOOD AS NEW!

SMILE! ANOTHER GREAT JOB BY THE TOOL DENTIST

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# ACROSS THE UK... AND BEYOND



WE SERVICE, REPAIR AND MANUFACTURE TOOLING FOR OUR CLIENTS ACROSS EUROPE.

NO MATTER YOUR LOCATION, THE DOCTOR IS HAPPY TO HELP. JUST GIVE US A CALL OR SEND US AN EMAIL AND WE WILL GET BACK TO YOU.

- AUSTRIA
- BELGIUM
- FINLAND
- FRANCE
- GERMANY
- IRELAND
- ITALY
- NETHERLANDS
- NORWAY
- POLAND
- SPAIN
- SWEDEN
- SWITZERLAND

## CONTACT US - THE DOCTOR IS WAITING

372A AVE E EAST  
THORP ARCH ESTATE  
WETHERBY  
WEST YORKSHIRE  
LS23 7EG

01937 845 112  
WWW.NTRLTD.CO.UK  
SALES@NTRLTD.CO.UK



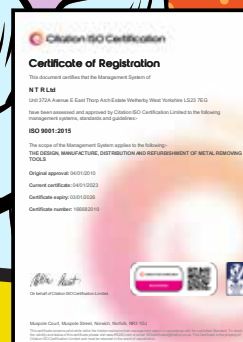
LIVE TOOLING FACILITY



REPAIR & SERVICING LAB



TOOLING ENGINEERS



FOR DRIVEN/LIVE TOOLING REPAIRS & SERVICING  
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