STEEL & METAL TRAD CATALOGUE

TE 30-25



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NURON ONE CORDLESS PLATFORM

HELP STREAMLINE YOUR DAY TO DAY

BATTERIES WITHOUT COMPROMISE

BASEPLATE APPLICATIONS STEPS

Design

Measuring

Cutting

Drilling

Anchoring

Inspection

Bolting



METAL FABRICATION APPLICATION

- Surface Preparation
- Cutting
- Drilling
- Grinding/Weld Cleaning
- Assembly & Marking

PRODUCTIVITY CONSULTATION

ONE CORDLESS PLATFORM

Nuron will redefine the way you work – and directly impact your bottom line.

hether you're new to Hilti or considering an upgrade to Nuron, this all-on-one platform can maximize your productivity and help take charge of the most demanding projects so you can start and finish jobs faster.

A connected cordless platform to handle the broadest range of light- to heavy-duty construction jobs and projects, Nuron has you covered.



LONGER RUN TIMES

A fully compatible platform that enables optimization of your tool crib, you can count on higher efficiency than corded or gas-powered tools, helping your teams work with **more workper-charge, more speed** and **less downtime.**



POWER-PACKED PERFORMANCE

The groundbreaking new battery technology packs **unmatched power** and **performance for demanding jobs** like breaking concrete, serial drilling into tough materials, and grinding and cutting metal.

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DURABILITY AND SAFETY

All Nuron tools and batteries come with **improved durability** and more **built-in safety features** to help withstand the harshest conditions, keep your crews safe, and reduce risks that contribute to unnecessary costs and delays on your jobsites.







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STREAMLINE YOUR TOOL CRIB AND JOBSITE MANAGEMENT

We're here to help simplify your dayto-day. All Nuron tools are designed with **integrated data-driven services** that help maintain tool and battery health while minimizing downtime and the burden of managing repairs.

HELP STREAMLINE YOUR DAY-TO-DAY

uron offers connected tools and batteries for more transparency to your tools and how they're being used, helping you improve tool crib management and jobsite productivity – with even more services and connectivity enabled for Fleet and ON!Track customers.

Hilti Tool Services



Tool Fleet Management Better control your tools and your costs. We help manage your tools so you can focus on managing your business.



ON!Track Asset Management Designed to help make it easier to manage your business, tools, and jobsites



In-House Repair Services Simple to request tool repair services, often with a 3 to 5 workding days turnaround

platform.













ADDED NURON BENEFITS

Help eliminate jobsite delays and unnecessary costs while freeing up hours to use where they're needed most-allowing you to boost your efficiency, all on one

BUILT-IN DIAGNOSTICS

- Get alerted when tools need maintenance
- Maintenance alerts to help keep your tools working

BATTERY STATE OF HEALTH

- Quickly gauge charge levels
- Automatic battery health scan and replacement service

TOOL USAGE INSIGHTS

- Last charged location
- Know where and who is using tools
- Identify and locate idle, underused, and hoarded tools

BATTERIES WITHOUT COMPROMISE

THE NURON CORDLESS BATTERY DIFFERENCE



Two additional spring-loaded plugs deliver twice the power to your light to heaviest-duty jobs



Shock absorbing bumpers have been added to the outside of the battery for increased drop protection



New potted casing protect electronics from moisture, dust and other contaminants



Redesigned battery cell holders provide improved heat management to enable greater performance

ilti Nuron cordless batteries not only bring you more connectivity, performance and the flexibility to use the same set of interchangeable batteries for all your tools - they've also been designed to sustain the toughest of jobsites - making your job just a little bit simpler.

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With data-driven insights, you can make informed decisions for your business and your bottom line



Stored insights automatically upload when batteries are charged

Intuitive batteries help you stay ahead by collecting information on usage, location and health data while you work



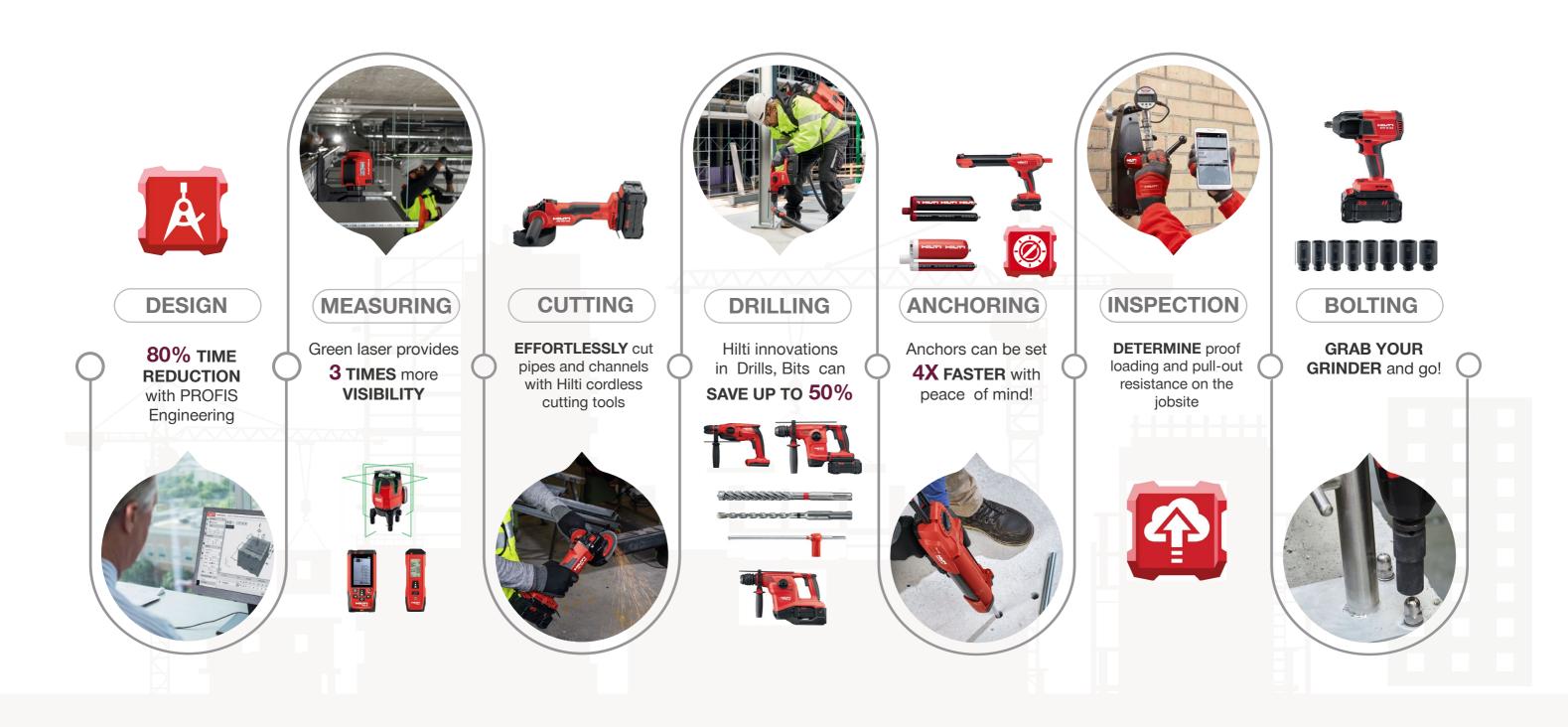




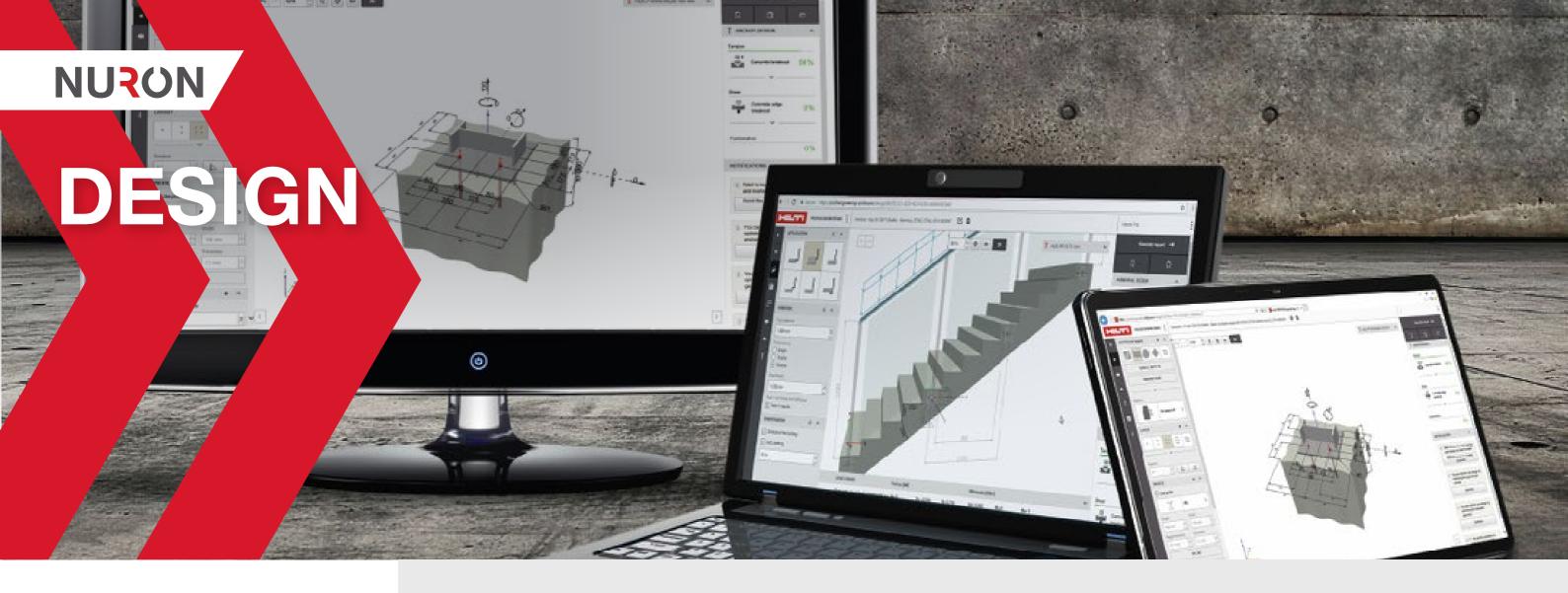




BASEPLATE APPLICATION







PROFIS ENGINEERING SUITE

Cloud-based PROFIS engineering software for designing steel-to-concrete and concrete-to-concrete connections according to a wide range of codes and approvals

Capabilities: Anchoring steel to concrete, Concrete overlay, and Post-installed rebar

Codes and approvals: Supports many country-specific design methods, and can generate detailed design reports to easily verify compliance.

Training and support: No matter if you are a newcomer or an expert, we offer technical training and demonstrations (faceto-face and online) to guarantee you can exploit the full potential of the software.



INTERESTING FACT

PROFIS Engineering is an innovative design software that assists the specifying engineer to optimise the steel-to-concrete connection design for the most efficient installation









MEASURE &





PD-E LASER METER

Outdoor laser meter with integrated viewfinder for measurements up to 200 m

- High-quality laser module enables long-range measurements even under the toughest outdoor conditions
- Built-in optical viewfinder for outdoor measurements
- Built-in 360 degree tilt sensor and smart estimation functions support measurements in challenging situations

ALIGNMENT

PM 40-MG MULTI-LINE LASER

- Multi-line laser with 3 green lines for plumbing, leveling, aligning and squaring
- The most versatile multi-line laser for precise and fast 360° aligning, leveling and squaring
- Rechargeable B12 Li-ion battery allows up to 1.5 days of continuous layout work
- Out-of-level and low-battery alerts help to prevent mistakes and unexpected downtime
- Laser class 2 no special precautionary measures needed







MEASURE &



PS 1000 X-SCAN CONCRETE SCANNER

- Efficient concrete scanner for structural analysis and to locate embedded objects in multiple layers
- Provides real-time view of the inside of concrete structures and generates accurate images automatically for direct on-site evaluation
- Three scan modes for specific applications Quickscan detection, Quickscan recording and Imagescan
- Displays a top view and cross sections of the scan in 2D and 3D for easy object mapping and multilayer identification
- Compact all-in-one design offers easy operation, plus unmatched data visualisation means hundreds of square metres of concrete can be inspected in a day



PS 300 FERROSCAN SYSTEM

Concrete detector for rebar localisation, depth measurement and size estimation in structural analysis

- Integrated display provides rebar layout visuals in top view and sectional view for on-the-spot structural analysis
- Smart algorithm helps accurate depth measurements for rebar
- Wide sensor area enables quick and easy scan over large areas
- · Record scan data for documentation and structural analysis





CUTING



AG 6D-22 CORDLESS ANGLE GRINDER (150 mm) NURON

Powerful cordless angle grinder with brushless motor, SensTech control and advanced safety features for discs up to 150 mm

- Very slim but powerful cordless 150 mm angle grinder engineered for your toughest cutting, finishing and grinding jobs
- Ultimate power-to-weight ratio double the cutting speed but the same weight as previous Hilti cordless grinders
- Innovative ergonomics slimmer grip with touch-activated SensTech dead-man's function instead of a mechanical paddle, for better comfort and maneuverability
- Upgraded safety features new 3D Active Torque Control (ATC) for better protection against angle grinder kickback in any direction



CUTTING CONSUMABLES TO MATCH YOUR TOOLS

CUTTING ABRASIVE DISCS

Choose from a range of Ultimate, Premium & Standard abrasive discs designed for cutting metal, steel and stainless steel with angle grinders





ILLING





SMALL HOLE DIAMETER

TE 2-22 CORDLESS ROTARY HAMMER NURON

Compact and light weight SDS Plus cordless rotary hammer with pistol grip for best maneuverability when drilling overhead

- Unbeatable grip and agility Our lightest and slimmest cordless rotary hammer, with improved in-line pistol grip
- Virtually dust-free drilling when used with a Hilti DRS-D or DRS-S dust removal attachment or hollow drill bit and compatible Hilti vacuum cleaner
- Safer work at heights use the included belt hook and optional tool tether to free your hands without compromising on tool drop protection

MEDIUM HOLE DIAMETER

TE 6-22 CORDLESS ROTARY HAMMER NURON

Versatile SDS Plus cordless rotary hammer with wide drilling range, chipping function and quick-change chuck

- Performance, versatility and ergonomics in one the TE 6-22 cordless rotary hammer has a wide drilling range, chiseling function and more comfort for all-day use.
- Improved handling better tool balance and contoured grips so you can drill, chip or drive more comfortably in any position
- Comprehensive safety features includes Active Torque Control (ATC) to better protect you from uncontrolled spinning if the bit sticks, and Active Vibration Reduction (AVR) for increased shielding from vibration



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LARGE HOLE DIAMETER

TE 30-22 CORDLESS ROTARY HAMMER NURON

Powerful cordless SDS Plus (TE-C) rotary hammer with Active Vibration Reduction and Active Torque Control for concrete drilling and chiseling

- Our most powerful SDS Plus cordless rotary hammer drill ever, still weighing just 5.1 kg (including B 22-170 battery)
- Exceptional drilling speed drills through rebar up to 200% faster than predecessors
- More run time per charge drills up to twice as long as comparable SDS Plus rotary hammers thanks to the combination of brushless motor and revolutionary Nuron batteries
- Versatility with a wider optimal drilling range and extensive range of chisel bits and hole saws available, TE 30-22 is an extremely versatile tool with a wide range of capabilities for any jobsite
- Comprehensive safety features includes Active Torque Control (ATC) to better protect you from uncontrolled spinning if the bit jams, and Active Vibration Reduction (AVR) for increased shielding from vibration

DRILLING CONSUMABLES TO MATCH YOUR TOOLS

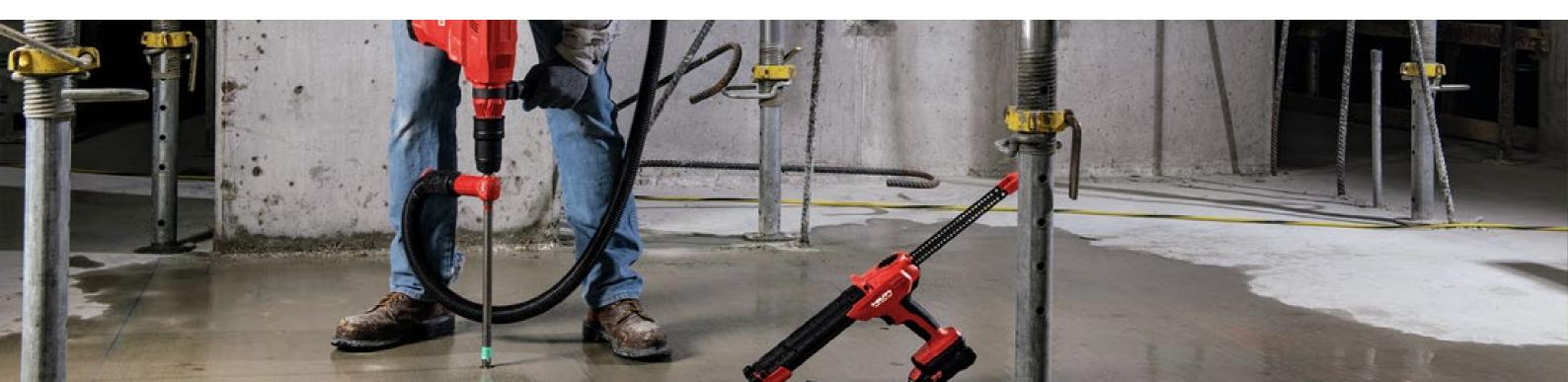
HAMMER DRILL BITS

• Choose from a range of Ultimate & Premium hammer drill bits designed to excel at drilling in concrete and reinforced concrete with rotary hammers (SDS Plus and SDS Max)

HOLLOW DRILL BITS FOR VIRTUALLY DUST-FREE DRILLING

HOLLOW DRILL BITS

Hollow drill bits designed for virtually dust-free drilling in concrete and reinforced concrete with rotary hammers (SDS Plus and SDS Max)







Buy Now

Buy Now

ANCHORING



CHEMICAL ANCHORING SOLUTIONS

HDE 500-22 CORDLESS ADHESIVE DISPENSER NURON

Battery-powered hybrid/epoxy adhesive anchor dispenser with smart features to increase speed, safety and reduce waste

- Faster anchoring cordless adhesive dispensers are a great way to save time, waste and clean-ups with every rod you set
- Significantly reduce mortar wastage the dosing wheel and dosage recommendations from the Hilti Volume Calculator App are now capable of milliliter accuracy
- Improve fastener safety and reliability LED indicators give live feedback to confirm the mortar was dispensed correctly or if the cartridge is almost empty
- Repeat and resume functions smart memory makes it easy to dispense the same amount of mortar every time you pull the trigger, or finish a hole if interrupted by cartridge replacement



HILTI VOLUME CALCULATOR APP

The Hilti volume calculator app allow the customer to understand the exact quantity of chemical anchor required per hole up to how much they will need to complete their application on site.

When partnered with the Hilti battery dispenser the customer can save significant quantities of chemical anchor, increase productivity & ensure installation quality.

Download the Hilti Volume calculator in the App Store or Google Play

APP STORE











CHEMICAL ANCHORS FOR STRUCTURAL APPLICATIONS

HIT-HY 200-R V3 ADHESIVE ANCHOR



Ultimate-performance injectable hybrid mortar with approvals for post-installed rebar connections and anchoring structural steel baseplate

- Optimized for rebar longer working time suitable for post-installed rebar and base material temperatures from -10 to +40°C
 - Part of Hilti SafeSet system no extra hole cleaning may be needed if you're drilling with TE-CD or TE-YD hollow drill bits in combination with Hilti vacuum cleaners
 - Extensive approvals available fulfills the requirements of the most demanding ICC-ES and ETA C2 approvals for seismic applications. Holds ETA approvals for rebar and anchor designs with a service life up to 100 years
 - Optimized embedment depth higher mortar strength makes more efficient embedment depths a possibility, and may result in post-installed rebar with performance higher than cast-in bars

HIT-RE 500 V3 EPOXY ANCHOR



Ultimate-performance injectable epoxy mortar with approvals for rebar connections and heavy-duty anchoring

- High performance and technical superiority as per international approvals
- Suitable for diamond-cored holes when prepared using the TE-YRT roughening tool
- Injectable epoxy suitable for all-year use cures at temperatures down to -5°C / 23°F
- Longer working time allows greater flexibility during installation
- Suitable for water-filled holes and underwater applications



NURON MECHANICAL ANCHORING SOLUTIONS

SIW 6-22 1/2" CORDLESS IMPACT WRENCH

- Advanced cordless performance faster concrete screw anchor setting from a more compact tool, thanks to the combination of brushless motor and next-generation Nuron batteries
- Durable build brushless motor and friction (hog) ring anvil contribute to the extreme longevity of our cordless impact wrenches
- Faster anchor setting with more control two speed settings and improved LED light so you can set large fasteners more quickly, or maintain precise control when needed

HUS4-H SCREW ANCHOR

Ultimate-performance screw anchor for fast and economical fastening to concrete (carbon steel, hex head)

- Up to 2x faster than wedge anchors fewer work steps help you save time on every single fastening
- Quicker and easier to install no cleaning, no high-accuracy torque wrench and no hammering required
- Improved setting with less blocking in the toughest concrete thanks to smaller core diameter and new thread design



Buy Now







HST3 WEDGE ANCHOR

Ultimate-performance expansion anchor for cracked concrete and seismic (CS)

- Highest resistance to meet geometrically challenging requirements, e.g. reduced member thickness, smallest spacing and edge distances
- Increased undercut percentage in combination with optimized coating
- · Greater flexibility thanks to two embedment depths included in the ETA
- Minimum edge and spacing distances reduced by up to 25% compared to HST

HSL4-B HEAVY-DUTY WEDGE ANCHOR

Ultimate-performance heavy-duty torque-controlled wedge anchor with approvals for concrete (carbon steel)

- High tensile and shear load capacity
- Force-controlled expansion which allows follow-up expansion
- Special safety cap helps ensure proper installation torque is applied even if not using a calibrated torque wrench
- ETA Option 1 for cracked and uncracked concrete
- ICC-ES/AC 193 for cracked or uncracked concrete and seismic applications





Buy Now

INSPECTION



ONSITE TESTING BY HILTI ENGINEERS

You can use onsite testing in the design phase and after installation of a fastening system

HILT

• During the design phase - determine the resistance of a base material and which fastening system to use

- After installing anchor systems determine quality and safety. This can be required by building owners or to ensure compliance to local guidelines
- Determine the resistance values of an unknown base material or of base materials, which are different and not in the original approval document.
- Check the quality and safety of fastening systems after installation, by testing part of the installation.





Learn More

BOLT TIGHTENING



SIW 8-22 ¹/₂" CORDLESS IMPACT WRENCH NURON

You can use onsite testing in the design phase and after installation of a fastening system

- During the design phase determine the resistance of a base material and which fastening system to use
- After installing anchor systems determine quality and safety. This can be required by building owners or to ensure compliance to local guidelines
- Determine the resistance values of an unknown base material or of base materials, which are different and not in the original approval document.
- Check the quality and safety of fastening systems after installation, by testing part of the installation.



IMPACT SOCKETS

Long and short impact sockets with connection ends for anchoring and bolting

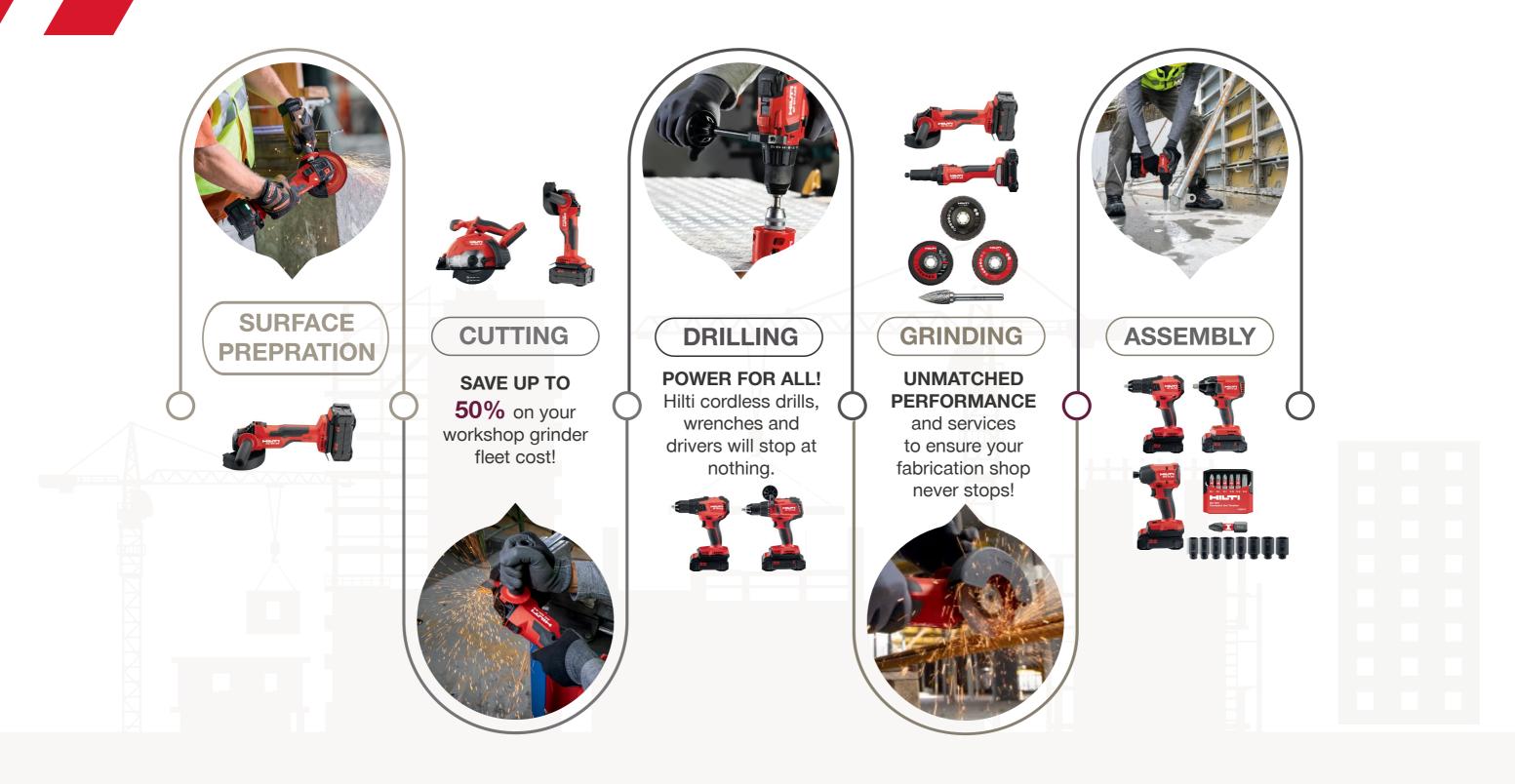








METAL FABRICATION APPLICATION





SURFACE PREPARATION



AG 6D-22 CORDLESS ANGLE GRINDER (150 mm) NURON

Powerful cordless angle grinder with brushless motor, SensTech control and advanced safety features for discs up to 150 mm

- Very slim but powerful cordless 150 mm angle grinder engineered for your toughest cutting, finishing and grinding jobs
- Ultimate power-to-weight ratio double the cutting speed but the same weight as previous Hilti cordless grinders
- Innovative ergonomics slimmer grip with touch-activated SensTech dead-man's function instead of a mechanical paddle, for better comfort and maneuverability
- Upgraded safety features new 3D Active Torque Control (ATC) for better protection against angle grinder kickback in any direction



GRINDING ABRASIVE DISCS

Choose from a range of Ultimate and Premium abrasive discs designed for grinding metal, steel and stainless steel





CUTTING



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CUTTING ABRASIVE DISCS

Choose from a range of Ultimate, Premium & Standard abrasive discs designed for cutting metal, steel and stainless steel with angle grinders







SC 4MR-22 CORDLESS CIRCULAR SAW NURON

Cordless circular saw with minimized weight and size for overhead cuts up to 51 mm

- One-handed design weighing just 2.2 kg, this is one of the most agile and light metal circular saws ever made by Hilti
- Higher productivity on your jobsites the highly efficient and virtually maintenance-free brushless motor helps you get the job done without interruptions
- On the Nuron battery platform cordless circular saws without compromise thanks to longer-lasting batteries, energysaving blades and a range of services to keep you more productive, today and tomorrow
- · Compact design right-side blade and chip collector help to make cutting in cramped spaces easier
- One-handed design weighing just 4.8 lbs, this is one of the most agile and light metal circular saws ever made by Hilti



METAL CIRCULAR SAW BLADES

Choose from a range of Ultimate & Premium circular saw blades, with different diameters, designed to cut metal, stainless steel and aluminum with circular saws





Buy Now





MEDIUM TO HEAVY STEEL WORK

SF 6H-22 CORDLESS HAMMER DRILL DRIVER NURON

Power-class hammer drill driver with Active Torque Control and advanced ergonomics for universal drilling and driving on wood, metal and masonry

- High-speed, high-torque cordless hammer drill driver built to help you save time with every hole you drill or screw you drive, including in masonry
- Uncompromised cordless performance drill and drive more per charge at consistently high speed thanks to Nuron batteries and the brushless motor
- Built to last full metal chuck, brushless motor, rubber bumpers and optimized cooling to better withstand intense use under tough jobsite conditions
- Advanced safety features Active Torque Control (ATC) helps to prevent the tool body from uncontrolled spinning if the drill bit sticks, and an LED work light in the base provides a clear view of your work area



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WELD CLEANING



AG 6D-22 CORDLESS ANGLE GRINDER (150 mm) NURON

Powerful cordless angle grinder with brushless motor, SensTech control and advanced safety features for discs up to 150 mm

- Very slim but powerful cordless 150 mm angle grinder engineered for your toughest cutting, finishing and grinding jobs
- Ultimate power-to-weight ratio double the cutting speed but the same weight as previous Hilti cordless grinders
- Innovative ergonomics slimmer grip with touch-activated SensTech dead-man's function instead of a mechanical paddle, for better comfort and maneuverability
- Upgraded safety features new 3D Active Torque Control (ATC) for better protection against angle grinder kickback in any direction



CUTTING ABRASIVE DISCS

Choose from a range of Ultimate, Premium & Standard abrasive discs designed for cutting metal, steel and stainless steel with angle grinders





ASSEMBLY & MARKING



SF 6H-22 CORDLESS HAMMER DRILL DRIVER NURON

Power-class hammer drill driver with Active Torque Control and advanced ergonomics for universal drilling and driving on wood, metal and masonry

- High-speed, high-torque cordless hammer drill driver built to help you save time with every hole you drill or screw you drive, including in masonry
- Uncompromised cordless performance drill and drive more per charge at consistently high speed thanks to Nuron batteries and the brushless motor
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- Advanced safety features Active Torque Control (ATC) helps to prevent the tool body from uncontrolled spinning if the drill bit sticks, and an LED work light in the base provides a clear view of your work area



SID 6-22 CORDLESS IMPACT DRIVER NURON

Power-class cordless impact driver with high-speed brushless motor and precise handling to help you save time on high-volume fastening jobs

- Uncompromising speed the 3600 rpm brushless motor and rapid trigger response help you save time on every single fastening
- Brushless motor delivers our longest ever working time per charge from a cordless impact driver
- Extra-compact size at just 137 mm from front to back, this is the ideal cordless impact driver when you need power in tight spaces
- LED light ring around the chuck for a clearer, glare-free view of your work area









NUTS & BOLTS

SIW 6-22 1/2" CORDLESS IMPACT WRENCH NURON

Power-class cordless impact wrench with 1/2" friction ring anvil for a wide range of concrete anchoring and steel or wood bolting

- Advanced cordless performance faster concrete screw anchor setting from a more compact tool, thanks to the combination of brushless motor and next-generation Nuron batteries
- Durable build brushless motor and friction (hog) ring anvil contribute to the extreme longevity of our cordless impact wrenches
- Faster anchor setting with more control two speed settings and improved LED light so you can set large fasteners more quickly, or maintain precise control when needed
- Exceptional ergonomics slimmer, 52 mm shorter and 0.4 kg lighter than its predecessor, helping to delay fatigue when bolting and anchoring all day

SIW 8-22 ¹/₂" CORDLESS IMPACT WRENCH NURON

Ultimate-class, high-torque cordless impact wrench with 1/2" friction ring anvil for structural bolting and anchoring

- Uncompromised cordless power the highest-torque cordless impact wrench you can get from Hilti, now capable of structural bolting up to M24
- Durable build brushless motor and friction (hog) ring anvil contribute to the extreme longevity of our cordless impact wrenches
- Faster anchor setting with more control two speed settings and improved LED light so you can set HUS concrete anchors faster









INCREASE YOUR JOBSITE PRODUCTIVITY

SEE HOW PRODUCTIVITY **CONSULTATION WORKS**

ome of the major challenges faced in the construction industry are controlling costs, complying with regulations and managing your workforce to make sure you have enough people with the right skills to get the job done on time. Inefficient processes, unplanned costs and an unproductive workforce can amount to up to 25% of the overall cost of a project, imposing a negative impact on your business and its profitability.

Our dedicated Solution Consultants can help you identify opportunities to optimise and streamline your tool park and digitalise the way your tools and other assets are managed, in order to keep hidden costs to a minimum and boost overall productivity. We can help you to make changes that will keep your productivity up, and your costs down.

With over 75 years of industry knowledge at Hilti, our Solution Consultants have helped thousands of Hilti customers identify opportunities to optimise and streamline their tool park and digitalise the way their tools and other assets are managed, in order to keep hidden costs to a minimum and boost overall productivity.

Contact us for Consultation 🕨



ASSET **INVENTORY**

We assess the number and condition of the tools you have onsite, in vehicles and in your warehouse

COST OF **OWNERSHIP**

We uncover the hidden costs caused by repairs, lost or stolen tools, administration, downtime etc.

PROCESS MAPPING

We identify opportunities to streamline your processes for managing materials, people, tools & certificates

TOOL UTILISATION **ANALYSIS**

alternatives



We monitor tool productivity and compare with potential

PRODUCTIVITY REPORT

We give you transparency on productivity gains and cost savings with advice on the most effective way to manage your assests and compliance



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