Introducing the new Hilti range of 12V cordless tools

LIGHTWEIGHT TOOLS THAT PACK A PUNCH.

Versatile direct fastening with the DX 2
Our new mortar that’s built for brick
Little things, big difference
Lightweight tools that pack a punch
Go further with our green-beam lasers

Dear customer

Over the years and despite economic downturns, Hilti has invested heavily in continuously innovating for you - delivering our brand promise: Outperform. Outlast. In 2015, we are taking Hilti’s innovation power to new product categories which you need every day to work more productively.

Direct fastening - the method of driving a nail into concrete or steel using powder cartridges - is an innovative, productive and safe fastening method that was pioneered by Martin Hilti more than 70 years ago. Our new versatile and compact DX 2 Powder-actuated tool gives you access to the highly productive direct fastening technology at very low cost - making it a "must have!"

The future of construction is cordless! Avoiding trips and slips over cords, as well as the hassle of finding power sources, make cordless tools a no brainer on jobsites and workshops alike. Our new 12V platform of compact and comfortable cordless drills and drivers allow you to get the job done in tight spaces, dark corners or overhead for long periods. As the smallest, lightest cordless tools we’ve ever made - but still with impressive performance and reach - these lightweight tools pack a punch!

At Hilti we realise that it’s the little things that make a big difference and we are convinced this is true for you too. Small things like the polygon shape of Hilti’s TE-SP “wave” chisel which delivers big breaking power with less sticking compared to our standard chisels. Hilti drilling, cutting and grinding tools also come with tool-specific dust removal systems that significantly reduce dust on site. The Hilti hollow drill bit, however, cleans the hole while you’re drilling, increasing your productivity and allowing you to enjoy a virtually dust-free working environment. In other words: Little things, big difference.

But our offering to you does not end with just our products. Instead, we want to work with you as partners to improve your business. Are you aware of our service offerings to help make your business more productive? Find out more about our Engineering Services - including online, office-based and on-site support - to add value at every step.

Last but not least, our suite of mobile product selector and service apps provide you with the means to increase productivity on site. Our website - www.hilti.ie - also gives you access to all the information about our latest innovations, products and services. Ready to order? At your convenience through our website - anywhere, anytime and from any device.

I hope you enjoy reading this edition of the Hilti Innovations Magazine and wish you an exciting and successful start to 2015.

Heiko Schickel
Marketing Head of Northern Europe
Introducing the new Hilti DX 2 Powder-actuated tool - bringing you the high productivity of direct fastening, at an accessibly low entry cost. Compact, versatile and easy-to-use - it covers a wide variety of direct-fastening jobs on-site. Whether fastening direct to concrete or steel, the DX 2 drives a wide range of fastenings quickly and easily.

Its compact design gives you access to those hard-to-reach corners and improved ergonomics makes it well-balanced and comfortable to use. Durable and impact resistant, the DX 2 is tough as well.

From the first nail to the last, consistent, reliable performance is yours.

Why choose direct fastening?
Productivity: no holes to drill and fastening in less than a second gives you more than 1,000 fixings per day.

Cordless: powder-actuated means no electrical cables, so work can be done anywhere and in all weathers.

Health and safety: minimal dust, little vibration and low noise compared to drilling.

Support and training: Hilti provides operator training for all DX tools, at a location of your choice.

Why choose the DX 2?
Versatile: covers a wide variety of applications.
Design: compact, sleek design allows you easy access to narrow spaces. Well designed grip and tool nose makes it comfortable to use.

Hassle-free: straight-forward, easy-to-use and maintain.
Outperform: consistently high driving energy.
Outlast: impact-resistant, durable metal housing.

Complete solution
All our cartridges are now Clean-Tec, which means they contain no lead or other heavy metals, meaning they are environmentally-friendly and support Green Building Standards (BREEAM etc.).

Numbered strips help you to use the full cartridge, reducing waste and saving costs. Fully-utilised plastic strips can then be disposed of as normal waste.

Use with a wide variety of fixings and fastenings for a quick, easy and cost-effective way to get the job done.

Some of the many potential applications
Fastening form stops to concrete
Fastening wall ties to steel
Fixing membrane to concrete
Fixing electrical cable holders to concrete

Fastening wood to concrete and steel (e.g. formwork, kicker plates etc.)
Ideal for temporary fastenings - such as securing lift shafts and stairwells

Some of the fixing and fastening options available

Watch the video:
hilti.ie/dx2
Are you looking for a reliable anchoring solution in solid brick, hollow block or natural stone?

HIT-HY 270 Injection mortar is our latest anchoring innovation: developed especially for strong, safe and reliable anchoring in masonry.

Built for brick

Versatile: provides strong, reliable and easily-installed fastenings in a variety of masonry base materials.

All-weather: suitable for indoor or outdoor applications, dry or wet hole conditions and temperatures between -5 °C and 40 °C (+5 °C to 40 °C for solid brick).

Composite mesh sleeves

Flexibility: HIT-SC composite mesh sleeves offer greater flexibility in hollow base materials - simply inject the mortar and push the HIT-V Anchor rod into the sleeve.

Less wastage: the centring ring holds the HIT-V Anchor rod in place and stops mortar back flow.

Modular: 50 mm and 85 mm lengths can be used individually or clicked together for deeper embedment applications.

Approvals

Peace of mind: European Technical Approval for use in hollow and solid masonry.

Effortless dispensing

Easily injectable: our dispenser portfolio makes injecting mortar easy. The Hilti HDE 500-A22 Cordless electric dispenser also:

- Automatically controls the volume dispensed - no over-dispensing
- Minimises waste through an automatic piston return that prevents dripping

Safety through service

On-site anchor tests: Hilti’s professional staff are on hand to perform jobsite tests using regularly calibrated test equipment.

After the tests, all necessary reports, relevant data and corresponding resistance evaluation can be provided and incorporated into PROFIS Anchor design software.

Find out more:

hilti.ie/hy270
Whether it’s anchoring, rebar or non-structural applications, whether you are working in concrete, masonry or natural stone - there is a Hilti Injection Technology (HIT) mortar to suit your needs.

**HIT-MM PLUS: The all-rounder**
- Mortar: Concrete (aerated, non-cracked), Masonry (solid, hollow), Natural stone
- HIT-V
- HIT-SC Sleeve
- M8-M16 HIT-V, M16 D16 Rebar
- 0°C to +40°C
- 45 min
- 4 min
- No

**HIT-HY 270: Built for brick**
- Mortar: Solid brick, Hollow block, Natural stone
- HIT-V
- HIT-SC Sleeve
- M8-M16 HIT-V, M16 D16 Rebar
- -5°C to +40°C
- 45 min
- 4 min
- No

**HIT-HY 100: Concrete Convenience**
- Mortar: Concrete (non-cracked)
- HIT-V
- M8-M30 HIT-V, M30 D25 Rebar
- -5°C to +40°C
- 30 min
- 5 min
- No

**HIT-HY 200: No cleaning required**
- Mortar: Concrete (cracked, non-cracked)
- HIT-V
- HIT-Z
- M8-M30 HIT-V | M8-M20 HIT-Z, M20 D25 Rebar
- 5°C to +40°C | 5°C to +40°C
- 45 min
- 7 min

**HIT-RE 500: Deep and wide specialist**
- Mortar: Concrete (non-cracked)
- HIT-V
- M8-M39 HIT-V, M39 D39 Rebar
- -5°C to +40°C
- 12 hours
- 8 hours

**Performance**

- **Base material**
- **Anchoring**
- **Rebar**
- **Dimensions**
- **Temperature range**
- **Curing time at 20°C**
- **Working time at 20°C**
- **Approvals**
- **Design software**

**More to our mortars.**

Hilti Injection technology (HIT)
Example 1: Hilti TE-CD / TE-YD “Hollow drill bits”
Holes that clean themselves

Just because it’s hollow doesn’t mean it isn’t strong: Hilti hollow drill bits have an X-shape head with main and side cutters that let you drill quickly through tough steel rebar and prevent catching or jamming.

With Hilti hollow drill bits, you can drill and clean a hole in one step and enjoy a safe, virtually dust-free working environment.

Example 2: Hilti TE-SP “Wave” chisels
Experience the wave

What happens when you take induction hardened steel and put it through our special manufacturing process? You get a polygon chisel that sharpens itself, so it never loses its edge. What’s more, its wave design lets you break more in less time, with less sticking compared to our standard chisels.

Hilti power tools, accessories and inserts (consumables like drill bits, chisels and cutting discs) are perfectly matched because they are developed and tested to complement each other, detail by detail.

Go to www.hilti.ie/inserts or scan the QR codes below to find out why it’s the little things that make a big difference.

It’s the little things that add up to something big. Small details, like a hollow drill bit that cleans the hole while you’re drilling. Or the polygon shape of our wave chisel that lets you break more in less time, with less sticking compared to our standard chisels.

LITTLE THINGS, BIG DIFFERENCE.

Watch the video:
www.hilti.ie/inserts

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12V Cordless tools

LIGHTWEIGHT TOOLS THAT PACK A PUNCH.

Some jobs mean drilling or screwing in tight spaces, dark corners or overhead for long periods. In these situations you need a compact and comfortable tool that still has the power to get the job done.

Our new 12V range is the smallest, lightest cordless tools we’ve ever made - but still with impressive performance and reach - for new levels of accessibility and productivity in light-duty fastening applications.

Our lightest ever tools

Compact design: our shortest cordless tools for full control and accessibility in tight spaces.

Lightweight: our lightest tools and batteries - weighing less than 1 kg - are ideal for prolonged or overhead work. They feel just like an extension of your arm.

Working comfort

Excellent handling: well-balanced and ergonomically designed for long hours on the job.

Illuminate the work surface: two LEDs in the foot of the tool to better see the task in hand.

Advanced battery technology

Cordless Power Care (CPC): electronic battery management for extra-long lifetime and a rubberised, impact-resistant casing meaning they are built to last.

State-of-charge on the battery: all Hilti Li-ion batteries feature an LED indicator to check the charge at the press of a button.

Compatible: adapter available to fit your existing Hilti chargers.

Need more power?

Our 22V platform features 17 different tools, all robustly built and ergonomically designed. Amongst them are the SFH 22-A, the SFC 22-A drill drivers and the SID 22-A impact screwdriver to help you with even the toughest applications.

Find out more:
hilti.ie/12v
Levelling sockets, cable trays, radiators and pipe installations

**Wide range of interior applications including:**

- **Transferring reference heights**
- **Aligning pipes vertically**
- **Levelling suspended ceilings**
- **Levelling sockets, cable trays, radiators and pipe installations**
- **Levelling and aligning doors and windows**

**Increased visibility**

- **Green-beam laser:** maximum visibility with sharp, fine lines even for distances up to 20 metres.
- **Built to last:** robust, compact and efficient design, plus a pendulum lock for safe transport.
- **No expert skills required:** simple, intuitive and easy-to-use functions.
- **Horizontal and vertical line:** with a large fan angle to cover wider working areas.
- **A full working day:** 8 hour operation time with an alkaline battery.

**Fleet Management:** a fixed monthly charge covers all tool, service and repair costs - drop cover and theft protection included!

**Find out more:**

[hilti.ie/pm2-lg](hilti.ie/pm2-lg)

Have you ever struggled to see your red laser beam in bright light or over long distances? It’s not just you - we see green light more brightly than other colours.

Our new Hilti PM 2-LG Line laser uses a green-beam for maximum visibility and sharp, fine lines for measuring distances up to 20 metres.

Compact and efficiently designed, with a rubber-coated housing, all our lasers are built to withstand the harshest jobsite conditions.

Also - try the simple, one-button PD 5.
MORE INSIGHT, FEWER SURPRISES.

Our versatile PS 50 Multidetector quickly and easily locates objects in many different base materials: concrete, drywall, hollow brick - even in wet or fresh concrete! If you are unsure about the base material you’re scanning, the universal mode gives the best results.

The PS 50 can also be used to detect and classify many different objects: ferrous and non-ferrous metal, live wires, plastic pipes, underfloor heating pipes and other things like wood and cavities.

All of which means fewer mistakes and fewer nasty surprises prior to drilling, coring, sawing or slitting.

More insight, fewer surprises before drilling, coring, sawing or slitting

A real problem solver: brings peace-of-mind in applications when plans are no longer available, e.g. in renovation projects.

Built to last: ergonomically designed and ruggedly built; shock, dust and water resistant.

4 wheel drive: for scan results when not all wheels are touching the base material.

Fleet Management: a fixed monthly charge covers all tool, service and repair costs - drop cover and theft protection included!

Versatile: detect a wide variety of objects such as metal, plastic and wood in a wide variety of base materials such as concrete, drywall, hollow brick - even wet or fresh concrete.

Right first time: knowing where to drill, core, saw or slit helps avoid costly repairs, saves time and protects tools and inserts.

Built-in display: easy location of objects - plus approximate embedment depth and type of material - no expert skills required.

Easy menu navigation: easy selection of the appropriate scanning mode for different base materials.

Alternatively - for multiple object layers, deeper embedment or more detailed analysis - try the PS 250 Ferroscan or the PS 1000 X-Scan system.
The Hilti CFS-C EL Firestop collar endless is a versatile solution that can be used to firestop a wide range of plastic pipes, installed in different configurations and in various base materials.

Its simple design means it is the universal solution for combustible pipes of all diameters (up to 160 mm) and base materials. Yet innovative features also give it the flexibility to be the perfect problem solver for non-standard applications or complex pipe configurations.

The intumescent collar also comes with a wide range of approvals, has excellent acoustic properties and is mould/mildew resistant.

**Simple.**

Innovative and easy to use

- **Simple design:** box contains a 2,580 mm intumescent collar, plus 18 closure plates and 22 short hooks for easy installation.
- **Flexible glass fibre housing:** allows easy installation in narrow spaces and can be twisted without losing any properties.

**Flexible:**

- **Cost-effective:** left-over pieces (minimum 120 mm) can be combined to reduce waste and save money.
- **Flexible hooks:** no need to fix hooks in pre-determined positions (just less than 150 mm apart) and they can be bent and inserted directly into wet mortar if space is critical.

- **Different pipes:** waste water, roof drainage and pneumatic dispatch pipes.
- **Different diameters:** a universal solution for all common pipe diameters (up to 160 mm).

- **Different configurations:** pipe elbows, inclined pipes and pipes with limited clearance to the wall, ceiling or other pipes.
- **Different base materials:** suitable for use on shaft walls, coated board, drywall, masonry, concrete and aerated concrete.

**Safe:**

- **Approved:** for use with PVC, PP, PE and a wide array of standard acoustic pipes.
- **Stainless steel parts:** an effective solution for corrosive atmospheres.
- **Sound proof:** effective and approved noise reduction features.
- **Mould and mildew resistant:** integrity maintained even in high humidity areas (kitchens, bathrooms etc.).

Watch the video:
hilti.ie/cfs-cel
At Hilti, we understand the importance of quality, reliability and safety to your business. Investing in high-performance tools that bring innovation to your jobsite not only helps you to get more done, but also keeps you working longer.

No matter how big or small the project, we have a range of innovative tools for your applications and a range of innovative ways to get your hands on them.

**INNOVATIVE WAYS TO GET YOUR HANDS ON THE LATEST INNOVATIONS.**

**Investment products**

**Fleet Management - we manage your tools, so you can manage your business**

With Hilti Fleet Management, a fixed monthly charge covers all tool, service and repair costs. This greatly simplifies your financial planning and takes a load of administrative work off your shoulders. There are no hidden costs. All tools in the programme are replaced at regular intervals with latest generation tools, helping to avoid costly downtime.

**Hilti Tool Hire Partners - offering an extensive fleet of Hilti tools and accessories**

There are many reasons why hiring might be the best solution for you - such as specific applications, peak demands, deadlines, cost, etc. Hiring equipment for a certain length of time could be more cost effective than buying the same piece of equipment outright. Contact your local Hilti Tool Hire Partner for more details.

**Active Vibration Reduction (AVR)**

AVR comes as standard for all Hilti combihammers and breakers and reduces vibration by up to two-thirds compared with conventional power tools to provide you with:

- Effective protection against long-term exposure to vibration
- Increased daily productivity thanks to greater working comfort
- Longer permissible operation times

**Dust Removal Systems (DRS)**

Hilti TE DRS technology provides a safer, cleaner, virtually dust-free environment.

- Perfectly matched components for maximum dust removal efficiency
- Up to 97% removal of hazardous fine dust
- Easily fitted, easy to assemble modular systems
- Lower repair costs, reduced downtime
- Extended power tool lifetime

**Working at height**

For overhead direct fastening applications use the X-PT 351 ‘pole tool’. This 7 ft (2.1 m) attachment means no ladders or elevated platforms. As a result health and safety concerns around working at height are removed and your team can be more productive.

**Lifetime Service - the service package for those who prefer to own their tools**

Hilti tools are built to last. But even if a defect occurs, Hilti will take care of it quickly and professionally, completely free of charge for up to 2 years from the date of purchase. After that we put a limit on what a repair can cost - for as long as you keep on using your Hilti tool. We even give you a lifetime warranty against manufacturing defects.

**Fleet Management - we manage your tools, so you can manage your business**

**Lifetime Service**

- up to 2 Years
- NO COSTS

**Lifetime Repair Cost Limit**

- Lifetime
- MANUFACTURER’S WARRANTY

**FLEET MANAGEMENT**

**HireFleetOwn**

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We want you to get the most out of our innovative solutions, to help maximise your business results.

Use Hilti to strengthen your understanding of the technology and design areas relevant for your business and gain an insight into our latest innovations, using our resources.

Hilti provides a range of methods - including online, office-based and on-site support - to help you from design to actual site installation.

Professional assistance

In person: our nationwide team of highly-trained field engineers can offer you support, either in your office or on the jobsite.

On the phone or by email: our office-based engineers are just a call or click away.

Online: access a wide range of approval and technical information, read the latest news or integrate our BIM/CAD library.

Mobile apps: calculate resin volume, select an anchor, screw or fix point quickly and conveniently, plus much more with our apps designed for your mobile device.

PROFIS software: download Hilti PROFIS software as an effective way to design anchors, post-installed rebar, cast-in channels, support systems, firestop and many more applications.

Technical training and seminars

Hilti offers a wide variety of educational seminars and training.

Our extensive programme can be offered on-site, at your offices or at local Hilti facilities across the country. Here’s just a selection of what we can offer:

- Technical seminars on anchor, post-installed rebar and firestop, including design methods, European and local regulations and approvals
- Continuing Professional Development (CPD) seminars
- PROFIS software training, including advanced level
- Engineering judgments for non-standard firestop solutions
- Design services by our office-based engineers, including BIM/CAD solutions directly into your project design

For more information:
Call 1850 287 387
Email IEallPPE@hilti.com

Find out more:
[link to technical page]
Our new website is optimised for mobile devices meaning it can be accessed anytime, anywhere and from any device.

It’s a powerful tool available whether you are on a jobsite, in the office or at the design firm. You can place orders on your mobile device, check stock availability on the go, find the nearest Hilti Centre and much, much more.

Combine all this functionality with our suite of mobile product selector apps.

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Established in 2000, Skyway is now recognised as Ireland’s leader in keeping workers safe while working at height. Skyway provide innovative equipment and training for all aspects of working at height throughout Ireland, UK, Europe and beyond.

When introduced to Hilti Online Emmet D’Arcy, Procurement Manager at Skyway commented, “Hilti Online is very reliable – traceability is a big factor, we can monitor our current orders see our pricing online and view our order history.

Hilti helps us reduce our transaction costs by enabling us to save money on delivery charges when ordering online. It’s efficient and prompt delivery service enables us to save money too.”

Emmet D’Arcy (Procurement Manager), Skyway Safe Access Equipment Ltd

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**THE MOST POWERFUL TOOL ON YOUR SITE.**

- On your mobile
- On your tablet
- In the office
- 9,000+ product lines
- Delivery to your office, site or your local Hilti Centre
- Product information
- Technical documents
- Fast re-ordering

Visit hilti.ie to find out more:

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Don’t take our word for it, here’s what our customers think

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Combine with our range of apps

- Hilti Anchor Selector
- Hilti Screw Selector
- Hilti Fix Point Selector
- Hilti Volume Calculator

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Find out more:

hilti.ie
Your local Hilti Centre:

Dublin North
Unit C4
North City Business Park
Finglas
Dublin 11
T 01 886 4125
F 1800 654 600

Dublin South West
Unit 3a
Ballymount Retail Centre
Ballymount Cross
Dublin 12
T 01 450 7418
F 01 450 7748

Cork
Unit 17
Togher Industrial Estate
Togher
Co. Cork
T 1890 252 213
F 021 496 4993

Belfast
Unit 7
Loughside Industrial Park
Dargan Crescent
Belfast BT3 9JP
T 0844 815 6254
F 0844 815 6255

Opening Hours:
Dublin North
Monday to Thursday, 8am - 5pm.
Friday, 8am - 4pm

Dublin South West
Monday to Thursday, 8am - 4.30pm.
Friday, 8am - 4pm

Cork
Monday to Thursday, 8am - 5pm.
Friday, 8am - 4pm

Belfast
Monday to Thursday, 8am - 5pm.
Friday, 8am - 4pm