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Short News

**Hilti cordless improves your  
productivity.**

**Hilti. Outperform. Outlast.**



**Cordless angle grinder  
AG 125-A22**



**Diamond  
cutting discs**



**Chemical anchor  
HIT-MM Plus**

**Applications**

- Repetitive drilling in all directions in concrete and masonry; recommended drilling diameter range 5 - 12 mm
- Occasional drilling in wood, steel and plastics using a special chuck adapter
- Screwdriving using the special bit holder

**Advantages**

- First-class performance-to-weight ratio
- High battery capacity – drills more holes per battery charge than cordless rotary hammers in the same class
- Hammering mechanism specially designed for superior drilling performance up to 12 mm dia.
- Perfectly matched to the Hilti TE-C drill bit generation

**1+1=3**  
Total performance.

Hilti tools + Hilti accessories.

**Highlights**

**Compact and light.**

Featuring an ergonomically designed D-grip and low weight (3.3 kg), the TE 4-A22 ensures exceptional working comfort and convenience in all directions.

**Impressive drilling performance despite low weight.**  
Perfect for concrete drilling to set small to medium duty anchors.

Compact, light weight, comfortable and convenient – that’s the best way to describe the new Hilti TE 4-A22 cordless rotary hammer. This powerful tool integrates seamlessly in the Hilti 22V cordless platform.



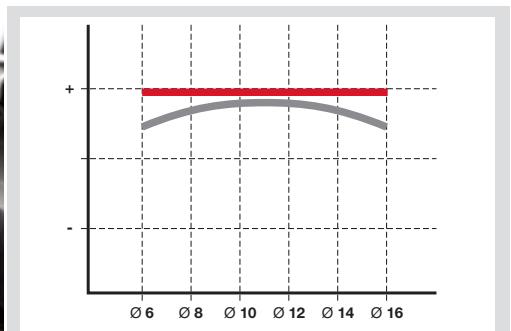
<b>HILTI</b>	2 Years
<b>LIFETIME SERVICE™</b>	NO COSTS
Lifetime	Lifetime
REPAIR COST LIMIT	MANUFACTURER'S WARRANTY



Optimum performance-to-weight ratio makes drilling in all directions easy.



Full 22-volt performance from the first to the last hole, with no drop in power thanks to Hilti CPC.



New hammering mechanism for constantly high drilling performance in the 5 to 12 mm diameter range.

# Hilti TE 4-A22

cordless rotary hammer

## One for all

Thanks to the Hilti 22V cordless platform, the same battery can be used for a number of different Hilti tools (SF/H 22-A, WSR 22-A, ...).



## Power with mobility.

Experience the exceptional power and working comfort of the TE 6-A36-AVR cordless rotary hammer. The functional dust removal attachment makes hammer drilling virtually dustless.



## Performance data

	TE 4-A22	TE 6-A36-AVR
Rated voltage (V)	21.6	36
Hammering speed under no load (blows/min.)	1090	1040
Drilling speed without hammering (r.p.m.)	1050	1010
Hammer drilling speed (blows/min.)	945	940
Single impact energy (J)	2.0	2.0
Dimensions, L × W × H (mm)	324 × 94 × 201	344 × 94 × 215
Weight of the tool as per EPTA 01/2003 (kg)	3.3	4.0
Battery capacity (Ah)	2.6	3.0

Right of technical changes reserved.

## Applications

- Cutting rebars and threaded rods
- Cutting metal pipes and struts
- Cutting roof tiles and stone slabs

## Advantages

- Cordless freedom for greater mobility in all kinds of applications
- Up to 40% more cuts per battery charge compared with other cordless angle grinders
- Maintenance-free, brushless SR motor
- Robustly built for impressively long life
- Non-slip grip and soft side handle for a secure hold and lower vibration

## Highlights

### Maximum safety thanks to Hilti ATC

The Active Torque Control (ATC) system cuts power to the motor in the event of the disc getting stuck in the workpiece – the tool stops immediately.

### Electronic brake

The electronic brake stops the disc within 1 second, thus increasing working safety significantly.

## The metalworking expert. Powerful, mobile and dependable.

The new AG 125-A22 cordless angle grinder leaves nothing to be desired. Thanks to Hilti Lithium CPC technology, this superbly mobile all-round tool is never short of power. Achieving up to 40% more cuts per battery charge, it easily overshadows all other comparable angle grinders. But most importantly, thanks to safety features such as an electronic disc brake and Active Torque Control (ATC), its power is always safely under control.



Greater safety in all applications thanks to Hilti ATC technology and the electronic disc brake.



This powerful cordless tool ensures maximum mobility for all cutting jobs.



Up to 40% more cuts per battery charge than with comparable cordless angle grinders.

# Hilti AG 125-A22

cordless angle grinder



## Fast-cutting discs.

The new Hilti abrasive discs have been specially optimized for cordless angle grinders. Thanks to fast, accurate cutting and long lifetime on a wide range of metals, they make cordless cutting an entirely new experience.



## Lasting power with Hilti CPC.

Hilti Cordless Power Care (CPC) gives you almost unlimited power and complete independence from power outlets on the jobsite, with no premature drop in performance and virtually no self-discharge. Hilti lithium-ion battery technology, featuring an LED charge status display, lets you keep on working at all times.



<b>HILTI</b>	<b>2</b> Years
<b>LIFETIME SERVICE™</b>	<b>NO COSTS</b>
Lifetime	Lifetime
REPAIR COST LIMIT	MANUFACTURER'S WARRANTY

## Performance data

	AG 125-A22
Voltage	21.6 V
Battery capacity	3.3 Ah
Weight (as per EPTA 1/2003)	2.7 kg
Speed under no load (max.)	9500 rpm
Max. disc diameter	125 mm
Max. cutting depth	35 mm
Battery type	Li-ion
Disc clamping nut	M14

We reserve the right to make technical changes.

The new Hilton Hotel and Marina in Jubail is actually in mobilizing and foundation stages.



## Hilti Engineering is present in starting projects.

Al Jubail is of strategic importance to Hilton worldwide's development plans in Saudi Arabia – its growing significance to the economy and its coastal location, makes it one of the most dynamic cities in the region.

Hilton partners in Jubail with Dar Al Bayan Real Estate Development Co., which owns the main contractor company in the project, Nahdat Al-Emar Contracting Co., which is specialized in civil engineering, architecture and construction.

The Marina is located in south of Residential Mahlet Darine directly on the gulf coast, with a total area of about 90,000 m<sup>2</sup>. The Marina is the main attracting center on site. Its capacity reaches about 300 trip boats with different



sizes. Site Components are: recreational, commercial and residential complexes, hotel apartments, shops, tourism Hotel & Resort and Marina Support Service (maintenance workshops & boats rent offices).

One of the Hilti field engineers in the Eastern Region, Issa Alshoubaki, together with the Hilti Technical Salesman in Jubail, Mathew John, visited the project during the mobilizing and excavation phases. The Project Manager, Eng. Ashref, explained them the construction schedule and discussed the applications where Hilti can support Nahdat Al-Emar.

Based on this Hilti Engineering specified the Hilti chemical anchor HY 200 with Safe

Set (drilling system without dust, with no hole cleaning necessary) for the rebaring application, and included the rest of the Hilti chemical anchor portfolio for other applications.

Other specifications to come are: Hilti mechanical anchors and cast-in channels for facade, Hilti Installation Systems for mechanical and electrical and Hilti Firestop Systems.

The contractor is satisfied with Hilti's early support on site, the submittals and engineering solutions and the use of Hilti services from the beginning of the project. Like this Nahdat Al-Emar will increase their productivity and efficiency. ■



Hilti engineers support Nahdat Al-Emar in the Hilton project at an early stage to increase the productivity and efficiency of the job execution.

## Customer testimonial



**Project Manager Eng. Ashraf Almaleh from Nahdat Al-Emar, Contracting Co. in Hilton project in Jubail.**

### What are your company's needs for the project?

We were concerned about the finishing my project on time with quality tools efficiently.

### Why did you choose the Hilti solution?

We believe that HILTI has the best solutions for our applications, as it has quality and heavy power tools that can fulfill our needs.

### Are you satisfied with Hilti's contribution?

Yes of course, contribution from the HILTI team made our job much easier and is doing good progress.

## Applications

- Cutting, resizing and reshaping concrete, reinforced concrete, cement products and natural stone
- For use with all Hilti hand-held diamond cutting tools
- Fast cutting in medium to hard materials such as reinforced concrete, cured concrete, concrete block and clay brick
- Use dry with angle grinders, diamond cutters and slitting tools

## Advantages

- Equidist segment technology for highest cutting speed and long life
- Hilti patented steel disc design for less noise and lower vibration resulting in maximum working comfort
- Fast cutting
- Long life
- Clean and safe work together with Hilti vacuum cleaners
- Laser welded segments to avoid breakages

## Highlights

- Superior cutting lifetime due to optimal cooling of steel core and segments
- High reliability and safety due to the thick steel core
- High concentration of high quality diamonds
- Segments 10-12 mm high

## Hilti Diamond Cutting Discs. One step ahead.



The full Hilti system combining Hilti tools and discs provides the best performance and lifetime.

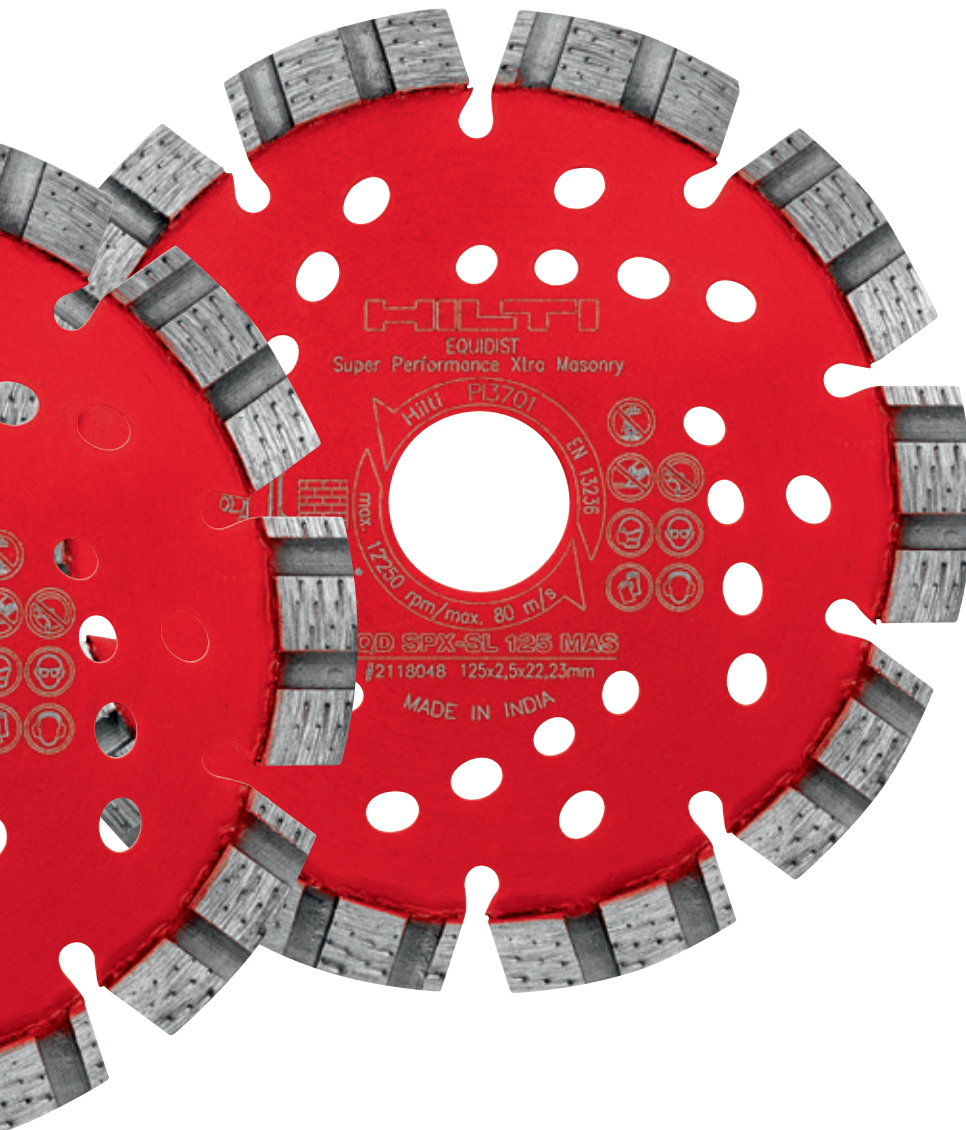


Cutting using Hilti vacuum cleaners increases the disc lifetime and keeps the working place safe and clean.



Hilti diamond discs can be used with many different materials, like concrete, tiles, bricks, rebar, etc.





## Equidist Technology.

Diamond core bits with 3D arranged technology.







Diamond beads evenly arranged in a unique and patented segment shape that leads to high differentiation in terms of cutting speed, lifetime and universality. Excellent behaviour in extreme conditions (e.g. heavy rebar), superior performance across all concrete types.

### Whole new and most competitive diamond cutting disc portfolio:

#### Equidist Super Performance Xtra (SPX)

#### Super Performance (SP)

#### Performance (P)

			
Technology	Equidist	Standard	Standard
Goal	Maximum productivity	Great all-rounder	General purpose
Segment height	12 mm	10 mm	12 mm
Segment welding	Laser	Laser	Laser
Segment type			

This important residential development in Riyadh is supported by Hilti with different products.



## Hilti provides solutions to villas projects.

Hilti's portfolio fits perfectly for the applications related to villas and low residential building. Al Rimal Gated Community in Riyadh is just another example of how contractors trust Hilti as partner and supplier for tools, inserts and services.

The Al-Rimal Gated Community site is located North East of Riyadh, built on land with an area 600,000m<sup>2</sup>, consists of villas, apartments, other facility buildings and infrastructure. The contractor is the well-known construction company Saudi Constructioners from Riyadh, taking care of all applications in the project.

Saudi Constructioners was looking for a supplier for tools, inserts and consumables with reliable quality and services. The Hilti Technical Salesman Ahmed Emam, responsible of the territory, started working with them, supporting the customer in different applications.

In the electrical trade the customer is using the Hilti combihammer TE 60 and chisels to open and extend holes in reinforced concrete for electrical penetrations. For the fixation of conduits they bought 5 Hilti

cordless rotary hammers TE 2-A22 with 6 mm drill bits. This is their first experience with cordless tools overall, which has resulted very satisfactory, because they faced difficulties in the electricity access in many places of the site.

In the rebaring application they use also their 10 Hilti TE 60's and drill bits. Especially with the inserts they were suffering with drill bits of other brands from low lifetime and breaks, above all in small diameters. Now with Hilti they use long lifetime drill bits, in addition with a clear warranty that allows the customer to change free any broken insert with the warranty mark still visible. Overall the customer has ordered till now more than 1,000 Hilti drill bits.

In the demolition Saudi Constructioners trusted the Hilti light breaker TE 500 and

chisels because of its high performance and low weight. Till May they bought more than 18 pieces of this model and more than 200 chisels.

The next in the project is the Hilti Firestop material that was approved and under process to close any kind of openings for fire safety purpose. Hilti personnel will train the customer's labour in the site and make sure that the application is done in the right way.

Saudi Constructioners is satisfied with the support on site of the Hilti Technical Salesman Ahmed Emam, the Hilti Lifetime Service (2 years no repair cost, among other elements) and the repair service, that really adds value to the Hilti high quality tools. With Hilti the customer saves money thanks to the high performance, low number of repairs and low maintenance costs. ■



The Hilti combihammer TE 60 is the perfect allrounder for drilling (15-40 mm) and medium-duty chiseling in concrete.



The Hilti cordless rotary hammer TE 2-A22 is a powerful drilling tool (4-16 mm) for light duty drilling in concrete and masonry.

### Versatile applications

- Dowelling rebar to ensure connection with existing concrete members
- Anchoring for hand rails, fences, gates, window grills
- Fixing stiffeners for masonry walls

### Universal usage

- Fits for literally all base materials:
- Concrete
- Natural stones
- Solid bricks
- Aerated concrete
- Hollow blocks

### Advantages

- Easy dispensing thanks to well-proven manual, cordless and pneumatic dispensers
- Unique soft foil pack for less waste
- HIT-SC composite sleeves allow greater flexibility through use of multiple sleeve combinations and also save mortar by ensuring accurate dosing in hollow base materials
- Contains no styrene or other blacklisted substances and is virtually odorless
- Partly-used cartridges can be reused after a break simply by fitting a new mixing nozzle (partly-used cartridges have to be re-used within 4 weeks)
- Suitable for use on all base materials

## Injectable mortar. Hilti HIT-MM Plus.

The medium-duty adhesive anchor mortar for universal use in a wide range of materials.



## Performance data

Material composition	Hybrid urethane methacrylate adhesive
Load data sheet	Available at <a href="http://www.hilti.sa">www.hilti.sa</a>
Base materials	Brick (solid), Brick (hollow), Concrete, Concrete block, Natural stone, Wood, Drywall, Sand-lime block
Shelf life (@73°F/23°C and 50% relative humidity)	12 month(s)
Base material temperature -range	0 °C - 40 °C

We reserve the right to make technical changes.

# Hilti HIT-MM Plus

Injectable mortar



Hilti dispenser system:

- Mortar supplied ready to use. No pre-mixing required.
- Easy mortar injection into the hole
- No spills and wastage
- Opened cartridge can be reused later



Composite sleeve for hollow block:

- Ensure keying effect in the hollow blocks
- Helps to control mortar consumption
- Scalable system: sleeves can be attached together to increase embedment depth

## Most affordable solution

**Starter kit: mortar and dispenser**



**1 X** Manual Dispenser HDM 500  
with Cartridge Holder HIT-CB 5000



**1 X** Thermobox



**10 pcs** Injectable  
mortar HIT-MM PLUS 500/2

**Item: 3543655**  
Kit HIT-MM PLUS 500 (10) +  
HDM + Thermobox



Where Hilti products are available off the shelf –backed by the know-how and experience of our competent staff. Ask for a product demonstration and be sure to leave with the right solution for your needs. Bring us your Hilti tool if it needs servicing– we'll check it in the shop and suggest the best course of action.



## Support in Hilti Centers:

- Hilti experts at your disposal to offer advice on products and services
- Presentations and demonstrations of product innovations
- Events and Special Offers
- Immediate availability of running tools and consumables

## At your service, the relay service:

Before sending your device to after-sales service, do not hesitate to visit one of our stores to receive an initial diagnosis

- **Control Li-Ion batteries.** Software checks the load and performance of your battery.
- **Control bits and chisels.** Performance: check the status of your bits and chisels. We exchange under the warranty conditions.
- **Health and Safety.** Protect the operators: anti-vibration system, anti-twist, dust collection, etc.
- **Minor maintenance.** Extend the life and performance of your GX and DX guns
- **Repair Service pick-up and drop-off**

## Great net of Hilti Centers in KSA.

Hilti has 10 Hilti Centers in Saudi Arabia, located in the main locations for your convenience.

## Engineering Seminar in Abniah Precast

A general anchoring seminar was conducted recently in the attendance of the purchasing, engineering, detailing, and designing departments of Abniah Precast. The main focus points were The Hilti Safe Set Technology, Hilti mechanical anchors HUS3, HST, HAS and Hilti Cast-in channel. A hand-on session was conducted on those products and the attendees were very happy and excited.



## Hilti in SEC Safety Exhibition

Hilti was invited by the Saudi Electricity Company to the Safety Exhibition organized by SEC itself in the Hotel Intercontinental in Jeddah in January. Hilti and other 9 suppliers got a stand to show and explain the safety features of their products to SEC employees. Hilti showed innovative value propositions related to tools and accessories which were greatly appreciated by the attendees.



## Easy Pick-up

Hilti provides a new service for picking your repair tools up and send them back to your site with very easy steps. Just call Hilti's Customer Service or enter Hilti Online, fill the form and Hilti will send a transport to your address. This service will be free for Hilti tools under 2 years no cost warranty, for other Hilti tools a competitive fee will be charged. For more information visit our website [www.hilti.sa](http://www.hilti.sa) or call our free tool customer service 8001200013.



## Big order from the energy sector

Saudi Electricity Company & Arabian Bemco have chosen Hilti to be an approved supplier for Firestop material in power plant PP12 project in Riyadh (Medium to large penetration for cables and cable trays – small to large cable conduit penetration). They have placed an important order for around 1 Million Saudi Riyals for the materials and they were given onsite training for their users by Hilti personnel.

## **Hilti Centres: Kingdom of Saudi Arabia**

Kilo 14, King Fahd Street  
Saad Abukhadra Building  
21454, Jeddah  
**Phone 800 120 0013**

King Abdul Aziz Street  
11323, Riyadh  
**Phone +966 11 460 8974**

Baladia Street  
Al Shoaili Center  
21454, Jeddah  
**Phone +966 12 667 8475**

Old Industrial Area  
Dahran street, Bawardi building  
11323, Riyadh  
**Phone +966 11 447 5766**

Old Jeddah Road, Imam Bukhari Street  
Al Sultan Building  
24231, Makkah  
**Phone +966 12 549 0773**

Khobar-Dammam Highway  
Dammam 1st Industrial area, Aba Hussain Building  
31952, Khobar  
**Phone +966 13 810 0285**

Jeddah Road – King Abdul-Aziz street  
Mohammed AL-Juhani Building  
41911, Yanbu  
**Phone +966 14 322 4661**

1st Industrial City, street #114  
Near Al Bayan Institute  
31962, Jubail  
**Phone +966 13 340 4872**

Abi- Zar Street  
Souk Ohd Commercial Center, P.O. Box 3400  
3400, Madina  
**Phone +966 14 835 1914**

King Fahd Street  
Next to Industrial Vocation Institute  
31982, Hofuf  
**Phone +966 13 531 3671**

## **Hilti. Outperform. Outlast.**

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