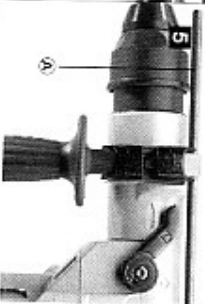
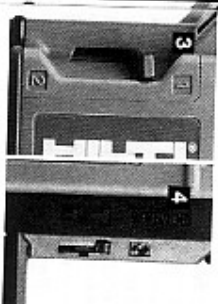
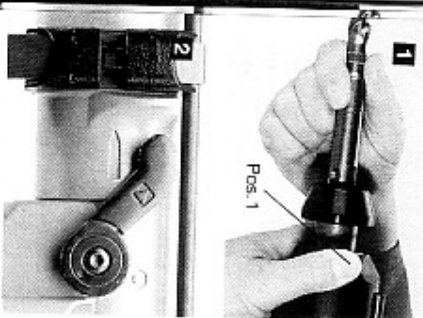


# Hilti TE 55 Combihammer



**Kit supplied with TE 55**  
1 plastic case, 1 cleaning cloth, 1 Hilti insert tool grease, operating instructions

## Technical data

Power input:	900 W
Voltages:	100 V, 110 V, 115 V, 230 V, 240 V
Current input:	9,6 A, 8,7 A, 8,5 A, 4,2 A, 4,2 A
Frequency:	50-60 Hz
Weight:	5,9 kg
Dimensions:	440x90x230 mm
Speed under load:	1" speed 0-230 r.p.m. 2" speed 0-480 r.p.m.
Single impact energy:	3,0 Joule / 6,0 Joule
Drilling perf. in medium-hard concrete:	20 mm dia. = 70 cm <sup>2</sup> /min. = 220 mm <sup>2</sup> /min. 3,0 speed 0-480 r.p.m.
Drill bits for concrete:	8-52 mm dia. (optimum 16-25 mm dia.)
Insert tools:	
TE-Y helical drill bits:	12-37 dia. mm
TE-Y GB breach bits:	40-55 dia. mm
TE-Y-BK core bits:	43-90 dia. mm
TE-Y adaptors for TE-C drill bits, quick-release chuck for twist drills for wood and steel, setting tools for HVA and HSC anchors	
Chisels: Pointed, narrow flat, wide flat, flexible, hollow, wide channel, narrow channel and scrop type in heavy-duty and some in light-duty versions	
Chuck: TE-FY	
Two speeds:	
Settings: "Rotary hammer drilling", "Chiselling only" and "Neutral".	
With slip clutch	
Permanent lubrication	
Side handle adjustable through 360° with depth gauge	
Variable speed control switch with infinite regulation	
Electronic speed regulator to improve convenience	
Hammering power regulator to improve convenience	
Double insulation, class II (protective) as per CENELEC HD 400	
Radio interference suppression as per directives 76/889/EWG + 82/489/EWG	
Radio and TV interference suppression as per EN 55 014	
Servicing indicator with warning lamp	

## Noise and Vibration

Typically the A-weighted noise levels of the tool are:

- sound pressure level: 90 dB (A)
- sound power level: 103 dB (A)

Wear ear protection.

The typical weighted acceleration is 11 m/s<sup>2</sup>.

**Do not use this product in any way other than as directed by these operating instructions.**

**Please refer to the respective regulations of your trade association and the enclosed Safety Precautions.**

Right of technical modifications reserved

## Before starting to work:

When working with the machine, it must be held with two hands. Always make sure that you have a safe stance / foothold.

1. Check that the electric supply is the same as on the nameplate.
2. Don't ground/earth the TE 55; it has double insulation.
3. Don't press excessively on the TE 55. This does not increase the hammering power.
4. Check that you have the right setting for the drill bit diameter.

## Read the enclosed Safety Precautions.

The connection end should be regularly cleaned and lubricated sparingly with Hilti grease.

**Shorten the start-up in cold conditions** by jolting the drill bit, chisel etc. once briefly against the work surface when switching on.

## Operation:

### Fig. 1: Insertion of TE-FY tool

Insert tool, connection end into chuck as far as it will go and turn until drive grooves engage and tool can be pushed back fully. Pull back locking sleeve (1) and insert tool as far as it will go. Release locking sleeve (1). Remove insert tool by pulling back locking sleeve (1).

## Drilling:

**Fig. 2: Rotary hammer drilling:** Shift setting lever to indicated rotary hammer drilling position (symbol ) to drill concrete, masonry and natural stone.

**Caution:** Before resetting from chiselling to rotary hammer drilling, shift lever upwards to unlock and only then set at rotary hammer drilling.

**Rotary drilling only:** Shift setting lever to indicated rotary drilling position (symbol ). In this position, only the rotary action is transmitted to the tool because of the shorter connection end.

- Twist drills for steel and bits for wood using quick-release chuck and adaptor
- Setting tools for HVA and HHS anchors

### Fig. 3: Selection of right speed

If the wrong speed is selected, the life of the TE 55 and insert tools will be shortened. Use the following table for the right speed: 1 = low speed, 2 = high speed. **Don't change speeds if TE 55 is under load.**


Recommended speed:	1' speed	2' speed
TE-FY medical drill bits (TE-C1)	0-2300 r.p.m.	0-1600 r.p.m.
TE-FY branch bits	24-32 mm dia. 38.5-52 mm dia.	8-22 mm dia.
TE-FY-BK core bits	43.5-50 mm dia.	
HVA setting tools	●	●
Twist drill / wood bits		●

### Fig. 5: Side handle and depth gauge adjustment (A)

This permits accurate drilling using the variable speed control switch.

## Chiselling:

**Fig. 1:** Insert chisel connection end (same as with drill bits).

**Fig. 2:** Shift setting lever to middle position (symbol 0). Chisel blade can be locked in desired working position. Shift setting lever to chiselling position (symbol )

**Fig. 4:** Select hammering power (symbol ) 100 %; symbol ) 50 %). Hold TE 55 firmly against work surface and chisel.

## Servicing:

**Fig. 6:** The TE 55 has a servicing indicator. If the lamp lights up, carry out servicing. If this is not done, costly damage can be caused.

Electric tools must comply with the respective safety regulations. Servicing, therefore, must only be carried out by a skilled electrician or electrical specialist. **The use of original Hilti components will ensure an optimum of safety.**

warranty claims are made within 12 months from the date of the sale (invoice date), and the technical system is maintained. This means that only original Hilti consumables, components and spare parts may be used in the tool.

This warranty provides the free-of-charge repair or replacement of defective parts only. Parts requiring repair or replacement as a result of normal wear and tear are not covered by this warranty.

**Additional claims are excluded, unless stringent national rules prohibit such exclusion. In particular, Hilti is not obligated for direct, indirect, incidental or consequential damages, losses or expenses in connection with, or by reason of, the use of, or inability to use the tool for any purpose. Implied warranties of merchantability or fitness for a particular purpose are specifically excluded.**

For repair or replacement, send tool and/or related parts immediately upon discovery of the defect to the address of the local Hilti marketing organization provided.

## Warranty

Hilti warrants that the tool supplied is free of defects in material and workmanship. This warranty is valid as long as the tool is operated and handled correctly, cleaned and serviced properly and in accordance with the Hilti Operating Instructions, all

This constitutes Hilti's entire obligation with regard to warranty and supersedes all prior or contemporaneous comments and oral or written agreements concerning warranties.