

**Breaker TE 500**



Drilling and Demolition

**Applications**

- Chiseling work on concrete and masonry walls
- Channeling on concrete and masonry
- Repairing concrete
- Removing plaster and tiles
- Chiseling breaches and penetrations for pipes in walls and floors

**Advantages**

- More power with less weight
- Side handle with full radial and axial adjustment for a secure grip in virtually any position
- Optional DRS-B dust removal system collects up to 95% of hazardous fine dust
- Lockable switch for easy sustained operation during long periods of use
- Perfect starting characteristics and high working comfort

**Technical data**

<b>Rated power</b>	1100 W
<b>Single impact energy</b>	7.5 J
<b>Full hammering frequency</b>	3180 impacts/minute
<b>Dimensions (LxWxH)</b>	471 x 108 x 243 mm
<b>Weight according to EPTA Procedure 01/2003</b>	5.7 kg
<b>Service indicator</b>	Yes
<b>Max. chiselling performance</b>	1050 cm <sup>3</sup> /min



Ordering designation	Package contents	Sales pack quantity	Item number
Breaker TE 500	1x Breaker TE 500 230V, 1x instruction manual, 1x Hilti grease, 1x cleaning cloth	1	274701

**Breaker TE 700-AVR**



**Applications**

- Heavy wall demolition on masonry and brick
- Large-scale plaster removal
- Tile removal on walls and floors
- Window and door openings
- Bushing applications for roughening or smoothing surfaces
- Correctional work in new construction

**Advantages**

- Highest impact energy in the 7kg class (11,5J)
- Brushless SR drive - outstanding lifetime
- Sub-chassis AVR - for greater working comfort (6.5m/s<sup>2</sup>)
- Inline shape - well balanced, great handling
- Power reduction - more flexibility



Technical data	
Rated power	1300 W
Single impact energy	11.5 J
Full hammering frequency	2760 impacts/minute
Dimensions (LxWxH)	564 x 125 x 248 mm
Weight according to EPTA Procedure 01/2003	7.9 kg
Reduced impact energy	Yes
Active Vibration Reduction	Yes
Service indicator	Yes
Brushless motor	Yes
Max. chiselling performance	1020 cm <sup>3</sup> /min



Ordering designation	Description	Sales pack quantity	Item number
Breaker TE 700-AVR	1x Breaker TE 700-AVR 230V, 1x instruction manual, 1x Hilti grease, 1x cleaning cloth	1	428937

**Breaker TE 800-AVR**



**Applications**

- Demolition work on walls
- Corrective work on floor slabs
- Breaking out openings for doors and windows
- Making penetrations for ducts and pipes

**Advantages**

- Powerful breaking performance thanks to exceptional impact energy and innovative Hilti chisels
- “D-handle” design for perfect balance in wall applications and good handling in universal use
- Lowest vibration values in its class thanks to Hilti’s innovative Active Vibration Reduction (AVR) sub-chassis system
- Hilti wall chisels developed exclusively for wall applications boost productivity and improve handling thanks to light weight, perfect length and air-hardened steel for outstanding tip sharpness
- Optional TE DRS-B dust removal system eliminates up to 95% of the fine dust produced
- One-touch power reduction button for use on lighter materials and for greater precision in controlled breaking jobs

**Technical data**

<b>Single impact energy</b>	21 J
<b>Triaxial vibration for chiselling in concrete<sup>1)</sup></b>	9.0 m/s <sup>2</sup>
<b>Weight according to EPTA Procedure 01/2003</b>	10.6 kg
<b>Active Vibration Reduction</b>	Yes
<b>Brushless motor</b>	No
<b>Full hammering frequency</b>	1890 impacts/minute
<b>Reduced impact energy</b>	Yes
<b>Dust removal module</b>	TE DRS-B (optional)
<b>Max. chiselling performance</b>	2500 cm <sup>3</sup> /min
<b>Constant speed motor electronics</b>	Yes

<sup>1)</sup> according to EN 60745-2-6



Ordering designation	Package contents	Sales pack quantity	Item number
<b>TE 800-AVR Combo A</b>	1pc TE 800-AVR + 2pcs TE-SP SM36~Wave	1 pc	<b>3540688</b>
<b>TE 800-AVR Combo B</b>	1pc TE 800-AVR + 2pcs TE-SP SM50~Wave	1 pc	<b>3540689</b>
<b>TE 800-AVR Combo C</b>	1pc TE 800-AVR + 1pc TE-SP SM36~Wave + 1pc TE-SP SM50~Wave	1 pc	<b>3540690</b>
<b>TE 800-AVR</b>	1x Breaker TE 800-AVR 30V, 1x Case, 1x instruction manual, 1x Hilti grease, 1x cleaning cloth	1 pc	<b>2064657</b>

### Breaker TE 1000-AVR



#### Applications

- Demolishing concrete and masonry at floor level
- Removing tiles, bushing and compacting
- Renovating floors of all kinds
- Corrective chiselling such as adjustments to door and window openings

#### Advantages

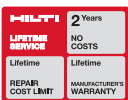
- Powerful breaking performance thanks to exceptional impact energy and innovative Hilti Polygon chisel design
- Lowest vibration values in its class thanks to Hilti's innovative sub-chassis Active Vibration Reduction (AVR) system
- Maintenance-free brushless SR motor and triple-chamber lubrication systems for longer service intervals and tool lifetime
- Optional TE DRS-B dust removal system collects up to 95% of dust
- Inline design for easier handling in demanding breaking applications

#### Technical data

Single impact energy	26 J
Triaxial vibration for chiselling in concrete <sup>1)</sup>	5.0 m/s <sup>2</sup>
Weight according to EPTA Procedure 01/2003	12.5 kg
Active Vibration Reduction	Yes
Brushless motor	Yes
Full hammering frequency	1950 impacts/minute
A-weighted emission sound pressure level <sup>2)</sup>	85 dB (A)
Reduced impact energy	Yes
Supply cord length	4 m
Dust removal module	TE DRS-B (optional)
Max. chiselling performance	7800 cm <sup>3</sup> /min

<sup>1)</sup> according to EN 60745-2-6

<sup>2)</sup> according to EN 60745



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**HI DRIVE**  
TECHNOLOGY

Ordering designation	Package contents	Sales pack quantity	Item number
TE 1000-AVR Combo A	1pc TE 1000-AVR + 2pcs TE-SP SM36~Wave	1 pc	3540691
TE 1000-AVR Combo B	1pc TE 1000-AVR + 2pcs TE-SP SM50~Wave	1 pc	3540692
TE 1000-AVR Combo C	1pc TE 1000-AVR + 1pc TE-SP SM36~Wave + 1pc TE-SP SM50~Wave	1 pc	3540773
TE 1000-AVR Breaker	1x Breaker TE 1000-AVR 230V, 1x instruction manual, 1x Hilti grease, 1x clarning cloth	1 pc	2078522

**Breaker TE 1500-AVR**



Drilling and Demolition

**Applications**

- Extensive demolition work at or near floor level
- Exposing reinforcement in foundations
- Breaking out openings for stairs, risers and shafts
- Creating large channels in floors, e.g. for waste water pipes
- Breaking up asphalt in surface renewal work, e.g. sewer maintenance

**Advantages**

- Powerful electropneumatic hammering mechanism, SR motor and polygon chisels for high breaking performance
- Low weight and great balance for excellent handling in demanding applications
- Optional TE DRS-B dust removal system removes up to 95% of dust
- Active Vibration Reduction (AVR) reduces vibration and extends permissible periods of continuous use

**Technical data**

<b>Rated power</b>	1800 W
<b>Single impact energy</b>	30 J
<b>A-weighted emission sound pressure level acc. to EN 60745</b>	89 dB (A)
<b>Full hammering frequency</b>	1620 impacts/minute
<b>Dimensions (LxWxH)</b>	760 x 138 x 230 mm
<b>Weight according to EPTA Procedure 01/2003</b>	14.2 kg
<b>Active Vibration Reduction</b>	Yes
<b>Service indicator</b>	Yes
<b>Brushless motor</b>	Yes
<b>Max. chiselling performance</b>	8830 cm <sup>3</sup> /min



Ordering designation	Description	Sales pack quantity	Item number
<b>TE 1500-AVR Breaker</b>	1x Breaker TE 1500-AVR 230V, 1x instruction manual, 1x Hilti grease, 1x cleaning cloth	1	<b>248985</b>
<b>TE 1500-AVR Combo</b>	1pc TE 1500-AVR + 2 pcs TE-SP SM36~Wave	1	<b>3540550</b>

### Breaker TE 3000-AVR



#### Applications

- The mighty TE 3000-AVR brings impressive hammering power to big concrete demolition jobs
- Breaking up asphalt the quick, easy way - in road building, repair work and pipe laying
- The TE 3000-AVR, unlike air tools, needs no compressor and is therefore easy to transport, highly versatile and ready for use in minutes

#### Advantages

- Awesome hammering impact energy of 68 joules
- Impressive breaking performance - up to 6 tons of concrete per hour
- Minimal vibration - less than 7m/s<sup>2</sup>, i.e. over 4 hours permissible trigger time
- Longer service intervals and long life thanks to the brushless maintenance-free SR motor
- Versatile, easy to operate, easy to transport and ready for use in minutes, which pays off especially in smaller demolition jobs
- Low operating costs as no compressor is required

Technical data	
Rated power	2070 W
Single impact energy	68 J
Full hammering frequency	860 impacts/minute
Dimensions (LxWxH)	808 x 610 x 209 mm
Weight according to EPTA Procedure 01/2003	29.9 kg
Active Vibration Reduction	Yes
Service indicator	Yes
Brushless motor	Yes
Max. chiselling performance	40000 cm <sup>3</sup> /min
Tool chuck type	HEX 28



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GOOD DESIGN AWARD 2011



Ordering designation	Description	Sales pack quantity	Item number
TE 3000-AVR Breaker	1x Breaker TE 3000-AVR, 1x Trolley, 1x Supply card, 1x instruction manual, 1x TE-H28P SM40 + 1x TE-H28P SM50	1	3494159

**Accessories for Breakers**

Ordering designation		TE 500-AVR	TE 700-AVR	TE 1000-AVR	TE 1500-AVR	TE 3000-AVR	Sales pack quantity	Item number
Dust removal system TE DRS-B box		■	■	■	■		1	365945
Univ. vacuum cleaner VC 20-U 230V		■	■	■	■		1	222209
Supply cord TE 3000-AVR GB 230V						■	1	414105
Trolley TE 3000-AVR						■	1	401293

**Drilling and Demolition**

### Pointed chisel TE-CP-SM



#### Applications

- Light chiseling work

#### Advantages

- Innovative Hilti Polygon design with self-sharpening tip profile

Ordering designation	Length	Item number
TE-CP SM 18	180 mm	282298
TE-CP SM 25	250 mm	282299

### Narrow-flat chisel TE-CP-FM



#### Applications

- Chipping

#### Advantages

- Innovative design with self-sharpening tip profile

#### Technical data

Width	15 mm
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Ordering designation	Length	Item number
TE-CP FM 18	180 mm	282300
TE-CP FM 25	250 mm	282301

### Pointed chisel TE-YP-SM



#### Applications

- Breaking

#### Advantages

- Innovative Hilti Polygon design with self-sharpening tip profile

Ordering designation	Length	Item number
TE-YP SM 28	280 mm	282263
TE-YP SM 36	360 mm	282264
TE-YP SM 50	500 mm	282265
TE-YP SM 70	700 mm	282266



### Narrow-flat chisel TE-YP-FM



#### Applications

- Breaking

#### Technical data

Width	26 mm
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#### Advantages

- Innovative design with self-sharpening tip profile

Ordering designation	Length	Item number
TE-YP FM 28	280 mm	282267
TE-YP FM 36	360 mm	282268
TE-YP FM 50	500 mm	282269
TE-YP FM 70	700 mm	282270

Drilling and Demolition

### Wide-flat chisel TE-YP-SPM



#### Applications

- Chipping

#### Advantages

- Innovative design with self-sharpening blade

Ordering designation	Length	Width	Sales pack quantity	Item number
TE-YP SPM 5/28	280 mm	50 mm	1	282271
TE-YP SPM 8/28	280 mm	80 mm	1	282272
TE-YP SPM 5/36	360 mm	50 mm	1	282273
TE-YP SPM 12/36	360 mm	120 mm	1	282274
TE-YP SPM 12/50	500 mm	120 mm	1	282275

### Bushing tool TE-Y SKHM



#### Applications

- Roughening up smooth surfaces

#### Technical data

Width	40 mm
Length	250 mm

#### Advantages

- Bushing tool with high quality carbide pins for optimum performance in surface work

Ordering designation	Item number
TE-Y SKHM	62893

### Pointed chisel TE-SP SM (Wave)



**Applications**

- Breaking

**Advantages**

- Innovative Hilti Polygon design with self-sharpening
- Reduce sticking in concrete

Ordering designation	Length	Item number
TE-SP SM 36	360 mm	2065553
TE-SP SM 50	500 mm	2065554
TE-SP SM 70	700 mm	2065555

### Narrow-flat chisel TE-SP FM (Wave)



**Applications**

- Breaking

**Advantages**

- Innovative design with self-sharpening blade
- Better controlled breaking in concrete

Technical data	
Width	32 mm

Ordering designation	Length	Item number
TE-SP FM 36	360 mm	2065556
TE-SP FM 50	500 mm	2065557
TE-SP FM 70	700 mm	2065558

### Wide-flat chisel TE-SP SPM



**Applications**

- Chipping

**Advantages**

- Innovative design with self-sharpening blade

Ordering designation	Length	Width	Item number
TE-SP SPM 5/36	360 mm	50 mm	406773
TE-SP SPM 8/36	360 mm	80 mm	406775
TE-SP SPM 8/50	500 mm	80 mm	406776
TE-SP SPM 12/36	360 mm	120 mm	406777
TE-SP SPM 12/50	500 mm	120 mm	406778

**Pointed chisel TE-H28P SM**



**Applications**

- Heavy demolition in concrete

**Advantages**

- Fast and powerful penetration

Ordering designation	Length	Item number
TE-H28P SM 40	400 mm	417824
TE-H28P SM 50	500 mm	417825

Drilling and Demolition

**Narrow-flat chisel TE-H28P FM**



**Applications**

- Controlled concrete demolition

**Advantages**

- Unmatched working length

Technical data	
Width	38 mm
Length	400 mm

Ordering designation	Sales pack quantity	Item number
TE-H28P FM 40	1 pc	417826

**Wide-flat chisel TE-H28P SPM**



**Applications**

- Controlled concrete breaking

**Advantages**

- Unmatched working length

Technical data	
Width	80 mm
Length	400 mm

Ordering designation	Item number
TE-H28P SPM 8/40	417828