

Milwaukee®

THE NEW
KANGO®
900/950

THE BEST
JUST GOT BETTER

NOTHING BUT
**HEAVY
DUTY**
MILWAUKEE



27 Joule Blow Energy

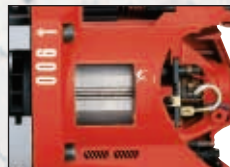
Highest in Class!

27 Joule blow energy for unsurpassed drilling and breaking performance – a combination result from the extra heavy striker (450 gr) and high striking speed (36 km / h).



1600 W / 1700 W

Best-in-class-motor-performance and efficiency is achieved through optimal winding specifications and use of only the best available motor components.



*see also competitors comparison



Lowest Vibration Level

3 Handles with Anti-Vibration Technology and Softgrip

We are THE pioneer on AVS on electric tools.

- AVS on all 3 handles.
- Softgrip for more user comfort.
- AVS – for unsurpassed low vibration levels with highest blow impact – less tiring for users body joints! Lowest vibration level in its class!
- Based on the European vibration guideline 44/2002/EC. Operation time of pneumatic breakers depend on their vibration levels. The higher the vibration level of a tool, the shorter the permitted use time per day for the user, i.e. the lower the vibration level, the longer the user is allowed to work with a tool.



Digitronic®

Fullwave Electronic Speed Control

Consistent high performance level under load for best drilling and breaking result. Softstart function for perfect control and variable speed for precise power adjustment to application.

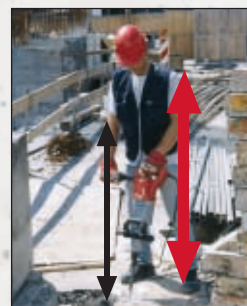
Outstanding Durability

- **Extremely robust construction**
Fibre glass reinforced polyamide housing combined with Metal Gear Box ensures outstanding reliability.
- **Automatic Lubrication System**
The new gear box produces a permanent grease vapour for excellent lubrication of the gear and pneumatic system. Significantly longer life time. (Patent pending for the new gear system)
- **Piston made of Polyamide with Carbon Fibre**
State of art „Formula 1” technology used in hammer engineering: Extreme Long life, Service free piston (only service on O-ring)
- **Carbon Brush Technology**
Long service life. Service light informs the user about regular service – in advance!
Long service interval life of ~ 200 h, Auto-Stop feature to protect motor.
- **Large diameter Commutator/Motor**
Heavy-Duty Milwaukee design motor: extremely durable thanks to low thermic load – max. airflow up to 200 ltr. per minute! Start up current limiter ideal for usage with generators.

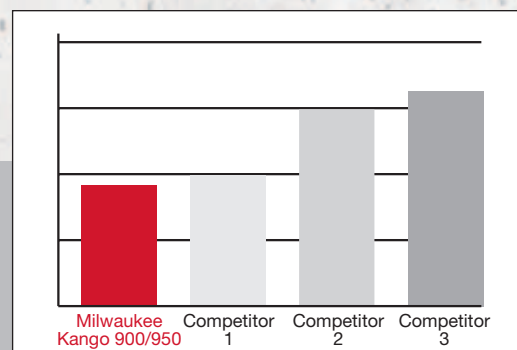
In-Line Motor Design

Reducing Back strain

- The In-Line Motor Design offers a longer machine and enables the operator to stand more upright.
- The ergonomic In-Line Motor Design is the best solution. The user can work in an upright position, reducing back strain when breaking or drilling below the waist.
- The ideal solution for applications at ground level.
- The alternative drop motor design is shorter in length forcing the operator to stoop over the machine.



Competitor comparison vibration level:
Used with spade handle.



Milwaukee Kango 900

The Demolition Hammer

Applications:

- Cutting/Breaking concrete, masonry, brick or asphalt
- Tothing of walls
- Floor cleaning/scraping (remove plaster, mortar or heavy deposits of waste from hard floors).
- Stripping roofing felt.
- Tamping concrete, ballast or soil
- Vibrating
- Dry packing
- Digging out frozen ground, clay, chalk, shingle for foundations, graves, etc.
- Driving earthing electrodes

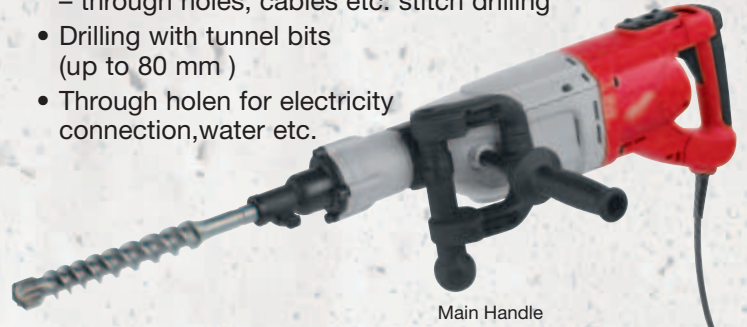


Milwaukee Kango 950

The Combi Hammer

Applications: as for Milwaukee Kango 900, plus

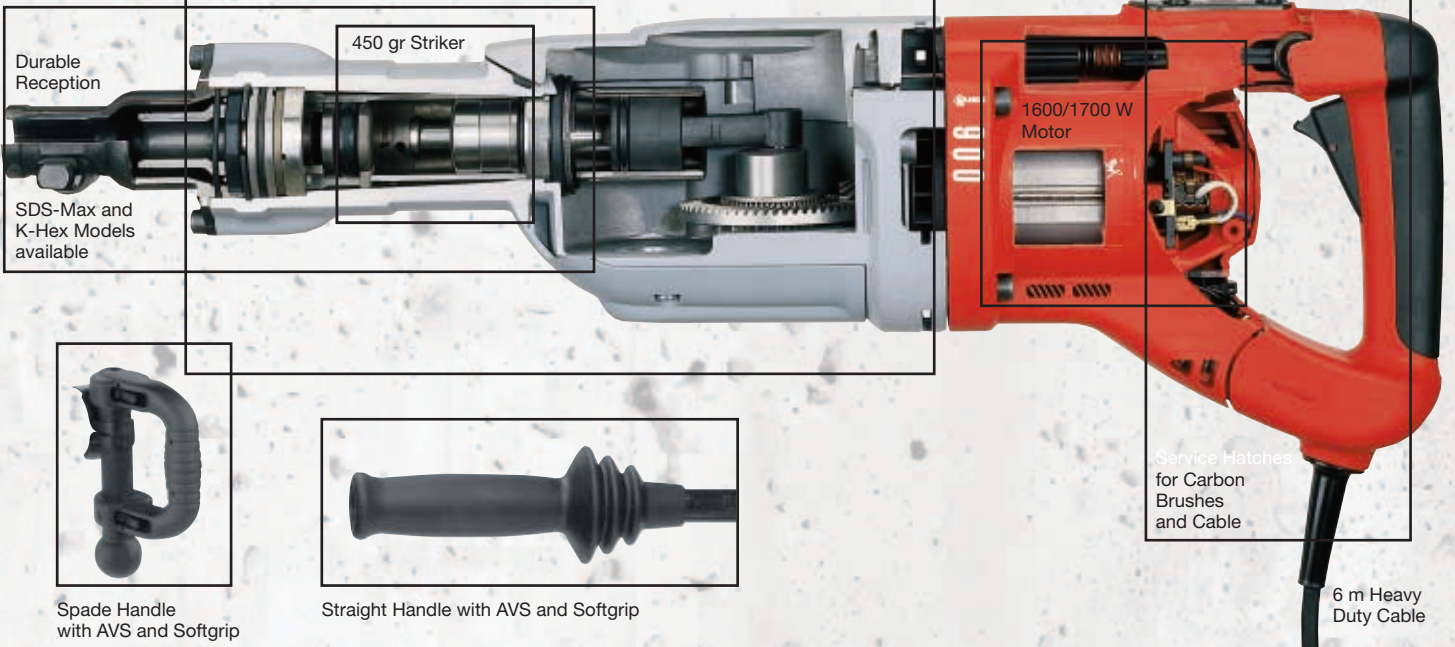
- Drilling with TCT cores (up to 150 mm)
 - through holes for PVC conduit, for air conditioning vents, dryer vents etc.
 - pipes for gas, water, heating, furnace exhaust, effluent outflow, drainage etc.
- Drilling holes with solid bits (up to 50 mm)
 - holes for large anchors, railings, rebar, etc.
 - through holes, cables etc. stitch drilling
- Drilling with tunnel bits (up to 80 mm)
- Through holer for electricity connection, water etc.



Main Handle with AVS and Softgrip

Robust Metal Gear

Hammer Mechanism



Durable Reception

450 gr Striker

SDS-Max and K-Hex Models available

1600/1700 W Motor

Service Hatches for Carbon Brushes and Cable



Spade Handle with AVS and Softgrip



Straight Handle with AVS and Softgrip

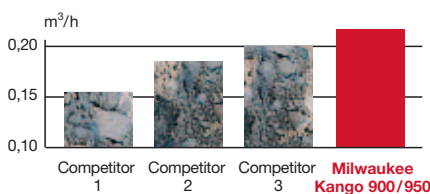
6 m Heavy Duty Cable

Competitor Comparison Milwaukee Kango 900

Breaking performance m³/h

in cubic meter in B35 concrete

Field tests
Atlas Copco Technology Center,
Winnenden, Germany

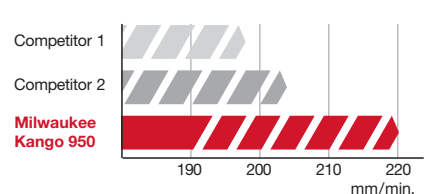


Competitor Comparison Milwaukee Kango 950

Drilling performance

in mm/per minute with 38 mm drill bit in B35 concrete

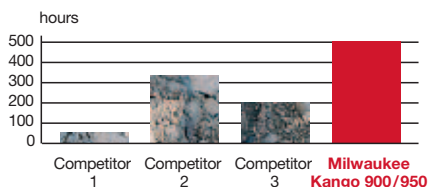
Field tests
Atlas Copco Technology Center,
Winnenden, Germany



Durability

run time in hours before first failure

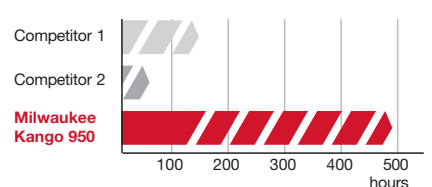
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Durability

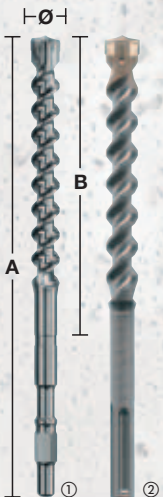
run time in hours before first failure

Field tests
Atlas Copco Technology Center,
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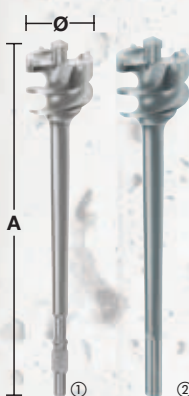


Drill Bits – Four Cut							
① 21 mm K-Hex				② SDS-Max			
Ø mm	A mm	B mm	Id. No. 9170-	Ø mm	A mm	B mm	Id. No. 4932-
16	420	250	0953 50	16	320	200	3436 21
16	570	400	0953 60	16	540	400	3436 22
18	420	250	0953 70	18	320	200	3436 23
18	570	400	0953 80	18	540	400	3436 24
20	420	250	0954 10	20	320	200	3436 25
20	570	400	0954 20	20	520	400	3436 26
22	420	250	0954 40	20	920	800	3436 27
22	570	400	0954 50	22	320	200	3436 28
24	570	400	0954 70	22	520	400	3436 29
25	420	250	0954 80	22	920	800	3436 30
25	570	400	0954 90	24	320	200	3436 31
25	770	600	0957 00	24	520	400	3436 32
28	420	250	0955 00	25	320	200	3436 33
28	570	400	0955 10	25	520	400	3436 34
30	420	250	0955 20	25	920	800	3436 35
30	570	400	0955 30	28	370	250	3436 36
32	420	250	0955 40	28	570	450	3436 37
32	570	400	0955 50	28	670	550	3436 38
35	420	250	0955 90	30	370	250	3436 39
35	570	400	0956 00	30	570	450	3436 40
38	420	250	0956 30	32	370	250	3436 41
38	570	400	0956 40	32	570	450	3436 42
40	570	400	0956 60	32	920	800	3436 43
44	420	250	0957 40	35	370	250	3436 44
44	570	400	0957 50	35	570	450	3436 45
50	420	250	0957 10	35	670	550	3436 46
50	570	400	0957 20	38	370	250	3436 47
				38	570	450	3436 48
				40	370	250	3436 49
				40	570	450	3436 50
				40	920	800	3436 51
				45	630	570	3739 12
				52	630	570	3739 13

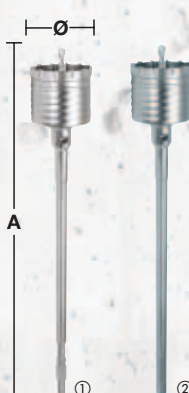


One Piece Design – Advantages

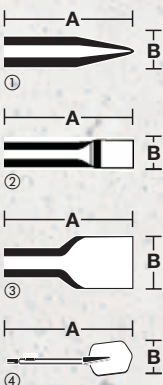
- One piece solid steel tool
- Up to 30% faster than conventional 2 piece design tools
- Increased lifetime
- Supplied with pilot drill bit and ejector tool
- Suitable for all rotary hammers



One Piece Tunnel Bits			
Ø mm	A mm	21 mm K-Hex ① Id. No. 4932-	SDS-Max ② Id. No. 4932-
40	550	3739 03	3738 91
45	550	3739 04	3738 92
55	550	3739 05	3738 93
65	550	3739 06	3738 94
80	550	3739 07	3738 95



One Piece Hammer Core Bits			
Ø mm	A mm	21 mm K-Hex ① Id. No. 4932-	SDS-Max ② Id. No. 4932-
40	550	-	3738 83
50	550	3738 96	3738 84
68	550	3738 97	3738 85
80	550	3738 98	3738 86
90	550	3738 99	3738 87
100	550	3739 00	3738 88
125	550	3739 01	3738 89
150	550	3739 02	3738 90
11	120	2459 67	2459 67
-	-	3990 21	3990 21

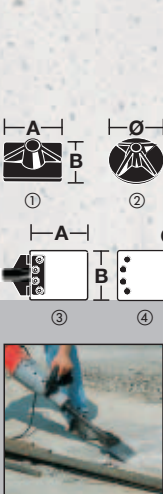


Chisels					
21 mm K-Hex			SDS-Max		
A mm	B mm	Id. No. 9170-	A mm	B mm	Id. No. 4932-
① 300	-	0996 00	280	-	3437 34
① 380	-	0996 10	400	-	3437 35
① 450	-	0996 20	600	-	3437 36
① 600	-	0996 30			
① 910	-	0996 40			
① 1200	-	0996 50			
② 300	25	0990 50	280	25	3437 37
② 380	25	0990 60	400	25	3437 38
② 450	25	0990 70	600	25	3437 39
② 600	25	0990 80			
② 910	25	0991 10			
② 1200	25	0990 90			
③ 380	25	4932 3739 67 ¹⁾	400	50	3437 43
③ 460	25	4932 3739 68 ¹⁾	300	80	3437 44
③ 300	50	0991 00	300	115	3437 45
③ 300	75	0991 30			
③ 460	75	4932 3739 69 ¹⁾			
④ 450	110	0992 30			
④ 450	110	0992 70			
④ 450	110	0992 80	400	110	3437 47

¹⁾ "T-Grip" – chisels specially developed for using the machine in a "T" grip position.



Grease	
Description	Id. No. 4932-
This grease has been especially formulated to lubricate and protect both the tool and accessories ensuring increased lifetime. Apply sparingly directly onto the reception of the drill bit, chisel or core cutter etc. Contents 50 gramms.	
	3736 48



System Accessories						
Description	Ø mm	A mm	B mm	C mm	21mm K-Hex Id. No. 9170-	SDS-Max Id. No. 9170-
Tamping tools						
① Tamping plate*	-	100	75		0860 40	0860 40
① Tamping plate*	-	140	100		0861 80	0861 80
② Soil compacting plate*	145	-	-		0862 60	0862 60
Floor cleaning tools						
③ Clamping plate with 1.5 mm blade*	180	150	1.5		0898 00	0898 00
④ Spare 2 mm blade	180	150	2.0		0898 60	0898 60
④ Spare 1.5 mm blade	180	150	1.5		0898 50	0898 50
Universal taper shank	300				0992 00	4932 3437 71
	450				0992 10	
	600				0992 20	

*requires universal taper shank

Electrode/ Ground Rod Drivers		
Description	A mm	21 mm K-Hex Id. No. 9170-
Suitable for driving electrode/ground rods.	12	0963 00
Not suitable for driving rebar or steel rods.	16	0963 10
	19	0963 20
	22	0962 90
	25	0963 30

Dust Guard	
Description	21 mm K-Hex Id. No. 9170-
Prevents dust and dirt entering the tool reception area when using spades and ground rod drivers.	
	0869 60

Superior Performance

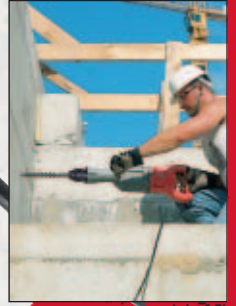
- 27 Joule Blow Energy for Best in Class Breaking Performance
- 1600/1700 watt motor – best in class with plenty in reserve for the toughest applications
- Ideal for usage with generators
- Digitronic®-Fullwave Electronics for precise power adjustment to application

Superior Ergonomics

- 3 Handles – all with Anti-Vibration Technology (AVS) and, Softgrip for comfortable and less tiring use
- In-Line Motor Design for more user comfort in below waist applications

Superior Durability

- Automatic Lubrication System for longer lifetime
- Fibre glass reinforced polyamide housing combined with Metal Gear Box ensures outstanding reliability
- Safety Clutch (950 only) protects user and tool when drilling
- Extreme long run-time thanks to New Carbon Brush Technology
- Heavy-Duty Milwaukee designed Motor for enhanced reliability



Milwaukee[®]

RANGO[®]
900/950

NOTHING BUT
**HEAVY
DUTY**
MILWAUKEE

The Demolition Hammer

Technical Data:

Power Input	1.600 W
Blow Energy	7-27 Joule
Blow Rate (under load)	950-1.900 bpm
Weight with spade handle	11.0 kg

Features:

Full-wave digital electronic
Variable speed and Softstart
No-load speed reduction
Lock-on function
Service indicator light
Speed preselection switch (A-G)
AVS and Softgrip on all handles

Standard Equipment:

Case
Additional front spade handle
Auxiliary straight handle
Dust shield
Grease

SDS-Max model	Kango 900 S	110 V	3757 56
	Kango 900 S	230 V	3757 20
K-Hex model	Kango 900 K	110 V	3756 70
	Kango 900 K	230 V	3756 50

Milwaukee Kango 900

The Combi Hammer

Technical Data:

Power Input	1.700 W
Blow Energy	7-27 Joule
Blow Rate (under load)	950-1.900 bpm
Drilling Capacity with solid bits	28-50 mm
Drilling Capacity with core bits	45-150 mm
Drilling Capacity with tunnel bits	50-80 mm
Weight with straight handle	11.8 kg

Features:

The same features as Milwaukee Kango 900 plus Safety Clutch

Standard Equipment:

The same as Milwaukee Kango 900

SDS-Max model	Kango 950 S	110 V	3757 52
	Kango 950 S	230 V	3757 10
K-Hex model	Kango 950 K	110 V	3756 60
	Kango 950 K	230 V	3755 00

Milwaukee Kango 950

Born in Milwaukee / USA

Over 80 years ago, in the state of Wisconsin, the first Milwaukee tool was built. Since then, Milwaukee has focused on a single vision; to produce the best heavy-duty electric power tools available to professional users. From 2002, there is a major focus on building up the Milwaukee Brand's presence across the globe. By exploiting the synergies between electric tools product development and manufacturing centres of excellence in USA and Germany, unmatched by any other manufacturer of electric power tools, a constant flow of innovative, robust products is assured for the future.

For professionals only

As long-time leader in the American heavy-duty electric toolmarket, Milwaukee's reputation is based on producing reliable, durable, high-quality power tools and accessories. Milwaukee's ability to address user needs is based on extensive user research, stringent bench-marking as well as demanding laboratory and in-field user testing. What does this all mean to you as a professional tool user? Tools that will never let you down. Tools that go the full distance.

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