

The KFX breaker-series has two adjusting valves as standard. Firstly, a control valve on the cylinder of the hammer allows the operator to adjust the number of blows generated. A second valve allows the adjustment of the working pressure from 160 to 200 bar. Working in tunnels, and even underwater, is also possible by adding air tubes.



- ▶ **Regulation of the operating pressure:** KFX-breakers (KFX 20 to KFX 200), regulating the working pressure from 160 bar to 200 bar can be managed manually by valve adjustment.
- ▶ **Blows adjustment:** For KFX-breakers (KFX 20 to KFX 200), regulating the blow rate can be managed manually by adjusting a valve located on the side of the breaker.
- ▶ **Hydraulic system for blank firing:** a regenerative oil circuit that avoids blank firing when the tool is not in contact with the rock.

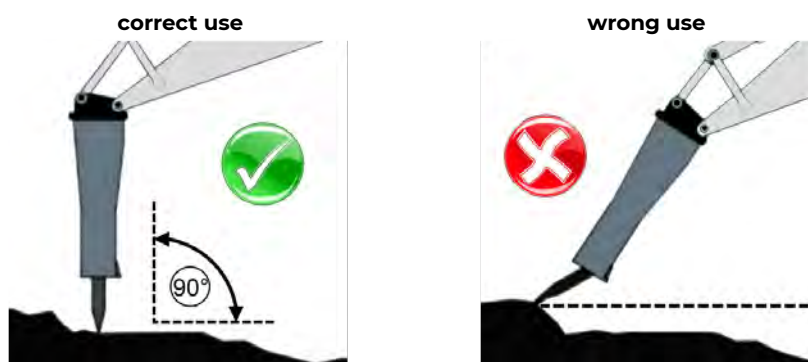
Technical data KFX						
Type	Weight (kg)	Diameter tool (mm)	Energy (J)	Hits per minute (/min)	Height with standard tools (mm)	Operating weight (t)
KFX 16	950	115	2600	600 - 900	1950	10 - 16
KFX 20	1250	120	3200	400 - 900	2400	14 - 24
KFX 26	1700	135	4200	400 - 800	2700	20 - 30
KFX 32	2200	150	5400	400 - 800	3000	23 - 35
KFX 36	2900	160	8500	350 - 700	3300	28 - 45
KFX 40	3200	160	9000	300 - 650	3400	30 - 47

Package consists of: breaker, two standard tools at option (moil, blunt, pyramid, chisel) and nitrogen adapter

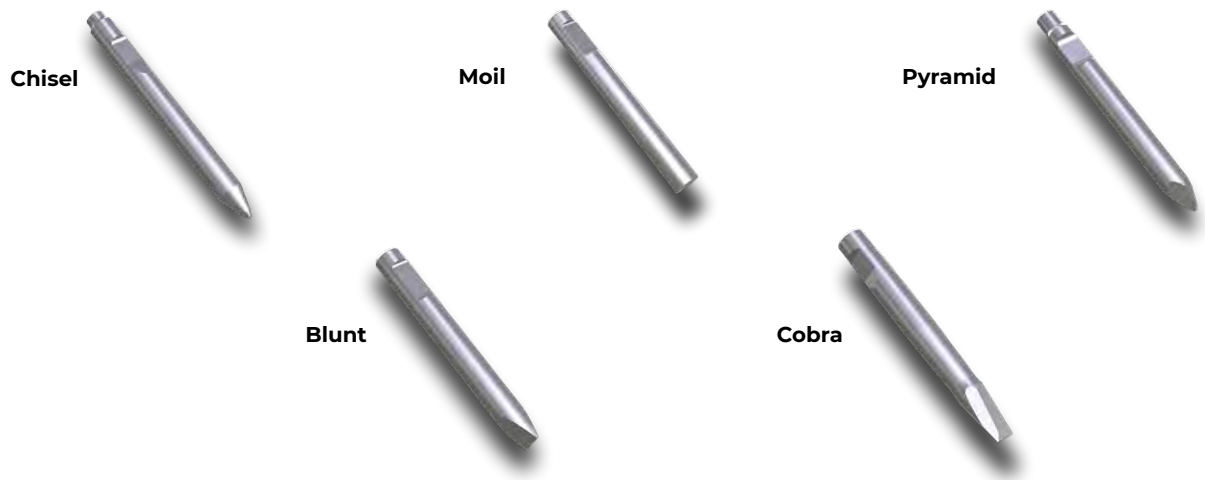
Hydraulics KFX					
Type	Pump capacity (l/min)	Operating pressure (bar)	Back pressure max. (bar)	Inner diameter pressure line	Inner diameter tank line
KFX 16	90 - 120	165	25	1"	1"
KFX 20	105 - 140	170	25	1"	1"
KFX 26	130 - 160	180	25	1"	1"
KFX 32	165 - 190	180	25	1"	1 1/4"
KFX 36	180 - 240	180	25	1 1/4"	1 1/4"
KFX 40	200 - 260	180	25	1 1/4"	1 1/4"

Accessories	
Type	Description
KSB-KFX-Grease	automatic greasing system
KFX-Tunnel-Set	specific system for tunnel works
KFX-Water-Set	stops water ingress
KM 690 15t	adapter for rigid mounting – up to 15t
KM 690 20t	adapter for rigid mounting – up to 20t
KM 690 27t	adapter for rigid mounting – up to 27t
KM 690 32t	adapter for rigid mounting – up to 32t
KM 690 40t	adapter for rigid mounting – up to 40t
KSW10 rigid	bolt-on adapter for system L-Lock KMS10L/KHS10L for rigid mounting – up to 19t
KSW21/25 rigid	bolt-on adapter for system L-Lock KMS21/25L / KHS21/25L – up to 40t
OQ	bolt-on adapter for OilQuick – up to 70t
	adapters for quick change systems from other manufacturers or different sizes on request

Drawing



Benefit from the large variety of tools for different tasks.



Tools for KFX

Type	Description
KFX 16 Chisel	suitable for concrete, mediumhard and non-layered rock for KFX 16 – Ø 115mm
KFX 16 Moil	suitable for reinforced concrete and highly compact rock for KFX 16 – Ø 115mm
KFX 16 Pyramid	suitable for reinforced concrete and highly compact rock for KFX 16 – Ø 115mm
KFX 16 Blunt	suitable for medium-hard and layered rock for KFX 16 – Ø 115mm
KFX 16 Cobra	suitable for quarry works such as primary demolition and block reduction for KFX 16 – Ø 115mm
KFX 20 Chisel	suitable for concrete, mediumhard and non-layered rock for KFX 20 – Ø 120mm
KFX 20 Moil	suitable for reinforced concrete and highly compact rock for KFX 20 – Ø 120mm
KFX 20 Pyramid	suitable for reinforced concrete and highly compact rock for KFX 20 – Ø 120mm
KFX 20 Blunt	suitable for medium-hard and layered rock for KFX 20 – Ø 120mm
KFX 20 Cobra	suitable for quarry works such as primary demolition and block reduction for KFX 20 – Ø 120mm
KFX 26 Chisel	suitable for concrete, mediumhard and non-layered rock for KFX 26 – Ø 135mm
KFX 26 Moil	suitable for reinforced concrete and highly compact rock for KFX 26 – Ø 135mm
KFX 26 Pyramid	suitable for reinforced concrete and highly compact rock for KFX 26 – Ø 135mm
KFX 26 Blunt	suitable for medium-hard and layered rock for KFX 26 – Ø 135mm
KFX 26 Cobra	suitable for quarry works such as primary demolition and block reduction for KFX 26 – Ø 135mm
KFX 32 Chisel	suitable for concrete, mediumhard and non-layered rock for KFX 32 – Ø 150mm
KFX 32 Moil	suitable for reinforced concrete and highly compact rock for KFX 32 – Ø 150mm
KFX 32 Pyramid	suitable for reinforced concrete and highly compact rock for KFX 32 – Ø 150mm
KFX 32 Blunt	suitable for medium-hard and layered rock for KFX 32 – Ø 150mm
KFX 32 Cobra	suitable for quarry works such as primary demolition and block reduction for KFX 32 – Ø 150mm
KFX 36 Chisel	suitable for concrete, mediumhard and non-layered rock for KFX 36 – Ø 160mm
KFX 36 Moil	suitable for reinforced concrete and highly compact rock for KFX 36 – Ø 160mm
KFX 36 Pyramid	suitable for reinforced concrete and highly compact rock for KFX 36 – Ø 160mm
KFX 36 Blunt	suitable for medium-hard and layered rock for 36 – Ø 160mm
KFX 36 Cobra	suitable for quarry works such as primary demolition and block reduction for KFX 36 – Ø 160mm
KFX 40 Chisel	suitable for concrete, mediumhard and non-layered rock for KFX 40 – Ø 160mm
KFX 40 Moil	suitable for reinforced concrete and highly compact rock for KFX 40 – Ø 160mm
KFX 40 Pyramid	suitable for reinforced concrete and highly compact rock for KFX 40 – Ø 160mm
KFX 40 Blunt	suitable for medium-hard and layered rock for KFX 40 – Ø 160mm
KFX 40 Cobra	suitable for quarry works such as primary demolition and block reduction for KFX 40 – Ø 160mm

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Technical data KFX

Type	Weight (kg)	Diameter tool (mm)	Energy (J)	Hits per minute (/min)	Height with standard tools (mm)	Operating weight (t)
KFX 36	2900	160	8500	350 - 700	3300	28 - 45
KFX 40	3200	160	9000	300 - 650	3400	30 - 47
KFX 47	3700	180	9500	300 - 650	3500	35 - 50
KFX 58	4400	180	12500	300 - 650	3800	37 - 57
KFX 70	4850	195	16500	250 - 550	4000	40 - 70
KFX 80	5800	200	18500	250 - 550	4200	45 - 80
KFX 120	7800	215	23000	200 - 400	4500	60 - 110
KFX 150	12000	255	28000	150 - 300	5200	80 - 170
KFX 200	14500	280	35000	150 - 250	5500	100 - 200

Package consists of: breaker, two standard tools at option (moil, blunt, pyramid, chisel) and nitrogen adapter

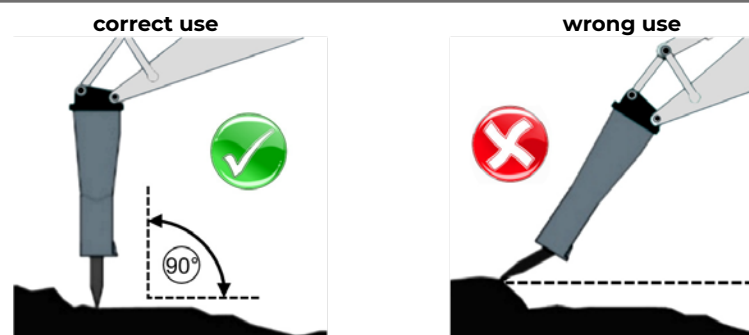
Hydraulics KFX

Type	Pump capacity (l/min)	Operating pressure (bar)	Back pressure max. (bar)	Inner diameter pressure line	Inner diameter tank line
KFX 36	180 - 240	180	25	1"1/4	1"1/4
KFX 40	200 - 260	180	25	1"1/4	1"1/4
KFX 47	250 - 300	180	25	1"1/4	1"1/4
KFX 58	270 - 320	190	25	1"1/4	1"1/4
KFX 70	290 - 350	190	25	1"1/4	1"1/4
KFX 80	300 - 380	190	25	1"1/4	1"1/4
KFX 120	380 - 440	200	25	1"1/4	1"1/4
KFX 150	480 - 570	200	25	1"1/2	1"1/2
KFX 200	500 - 600	200	25	1"1/2	1"1/2

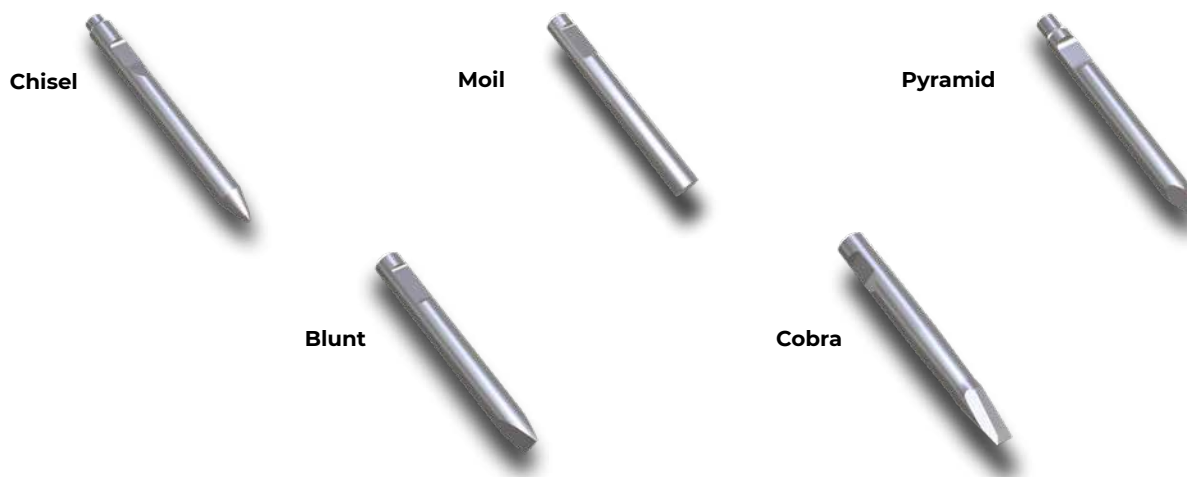
Accessories

Type	Description
KSB-KFX-Grease	automatic greasing system
KFX-Tunnel-Set	specific system for tunnel works
KFX-Water-Set	stops water ingress
KM 690 40t	adapter for rigid mounting – up to 40t
KM 690 50t	adapter for rigid mounting – up to 50t
KM 690 70t	adapter for rigid mounting – up to 70t
OQ	bolt-on adapter for OilQuick – up to 70t
	adapters for quick change systems from other manufacturers or different sizes on request

Drawing



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KFX Tools	
Type	Description
KFX 36 Chisel	suitable for concrete, mediumhard and non-layered rock for KFX 36 – Ø 160mm
KFX 36 Moil	suitable for reinforced concrete and highly compact rock for KFX 36 – Ø 160mm
KFX 36 Pyramid	suitable for reinforced concrete and highly compact rock for KFX 36 – Ø 160mm
KFX 36 Blunt	suitable for medium-hard and layered rock for 36 – Ø 160mm
KFX 36 Cobra	suitable for quarry works such as primary demolition and block reduction for KFX 36 – Ø 160mm
KFX 40 Chisel	suitable for concrete, mediumhard and non-layered rock for KFX 40 – Ø 160mm
KFX 40 Moil	suitable for reinforced concrete and highly compact rock for KFX 40 – Ø 160mm
KFX 40 Pyramid	suitable for reinforced concrete and highly compact rock for KFX 40 – Ø 160mm
KFX 40 Blunt	suitable for medium-hard and layered rock for KFX 40 – Ø 160mm
KFX 40 Cobra	suitable for quarry works such as primary demolition and block reduction for KFX 40 – Ø 160mm
KFX 47 Chisel	suitable for concrete, mediumhard and non-layered rock for KFX 47 – Ø 180mm
KFX 47 Moil	suitable for reinforced concrete and highly compact rock for KFX 47 – Ø 180mm
KFX 47 Pyramid	suitable for reinforced concrete and highly compact rock for KFX 47 – Ø 180mm
KFX 47 Blunt	suitable for medium-hard and layered rock for KFX 47 – Ø 180mm
KFX 47 Cobra	suitable for quarry works such as primary demolition and block reduction for KFX 47 – Ø 180mm
KFX 58 Chisel	suitable for concrete, mediumhard and non-layered rock for KFX 58 – Ø 180mm
KFX 58 Moil	suitable for reinforced concrete and highly compact rock for KFX 58 – Ø 180mm
KFX 58 Pyramid	suitable for reinforced concrete and highly compact rock for KFX 58 – Ø 180mm
KFX 58 Blunt	suitable for medium-hard and layered rock for KFX 58 – Ø 180mm
KFX 58 Cobra	suitable for quarry works such as primary demolition and block reduction for KFX 58 – Ø 180mm
KFX 70 Chisel	suitable for concrete, mediumhard and non-layered rock for KFX 70 – Ø 195mm
KFX 70 Moil	suitable for reinforced concrete and highly compact rock for KFX 70 – Ø 195mm
KFX 70 Pyramid	suitable for reinforced concrete and highly compact rock for KFX 70 – Ø 195mm
KFX 70 Blunt	suitable for medium-hard and layered rock for KFX 70 – Ø 195mm
KFX 70 Cobra	suitable for quarry works such as primary demolition and block reduction for KFX 70 – Ø 195mm
KFX 80 Chisel	suitable for concrete, mediumhard and non-layered rock for KFX 80 – Ø 200mm
KFX 80 Moil	suitable for reinforced concrete and highly compact rock for KFX 80 – Ø 200mm
KFX 80 Pyramid	suitable for reinforced concrete and highly compact rock for KFX 80 – Ø 200mm
KFX 80 Blunt	suitable for medium-hard and layered rock for KFX 80 – Ø 200mm
KFX 80 Cobra	suitable for quarry works such as primary demolition and block reduction for KFX 80 – Ø 200mm
KFX 120 Chisel	suitable for concrete, mediumhard and non-layered rock for KFX 120 – Ø 215mm
KFX 120 Moil	suitable for reinforced concrete and highly compact rock for KFX 120 – Ø 215mm
KFX 120 Pyramid	suitable for reinforced concrete and highly compact rock for KFX 120 – Ø 215mm
KFX 120 Blunt	suitable for medium-hard and layered rock for KFX 120 – Ø 215mm
KFX 120 Cobra	suitable for quarry works such as primary demolition and block reduction for KFX 120 – Ø 215mm
KFX 150 Chisel	suitable for concrete, mediumhard and non-layered rock for KFX 150 – Ø 255mm
KFX 150 Moil	suitable for reinforced concrete and highly compact rock for KFX 150 – Ø 255mm
KFX 150 Pyramid	suitable for reinforced concrete and highly compact rock for KFX 150 – Ø 255mm
KFX 150 Blunt	suitable for medium-hard and layered rock for KFX 150 – Ø 255mm
KFX 150 Cobra	suitable for quarry works such as primary demolition and block reduction for KFX 150 – Ø 255mm
KFX 200 Chisel	suitable for concrete, mediumhard and non-layered rock for KFX 200 – Ø 280mm
KFX 200 Moil	suitable for reinforced concrete and highly compact rock for KFX 200 – Ø 280mm
KFX 200 Pyramid	suitable for reinforced concrete and highly compact rock for KFX 200 – Ø 280mm
KFX 200 Blunt	suitable for medium-hard and layered rock for KFX 200 – Ø 280mm
KFX 200 Cobra	suitable for quarry works such as primary demolition and block reduction for KFX 200 – Ø 280mm