

Hydraulic Breakers

KFX

The KFX breaker-series, for excavators from 8-200t, 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. The KFX breaker-series is available with a range of five different tools, suitable for penetrating a variety of surface structure.

- **Regulation of the operating pressure:** For 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 Key features KFX

Type	Weight of breaker (kg/lbs)	Energy (J)	Blows per minute (/min)	Height with standard tool (mm/in)	Operating weight (t/lbs)
KFX 14	700 / 1543	2000	600 - 900	1900 / 75,8	8 - 15 / 17637 - 33069
KFX 17	1050 / 2315	3000	600 - 900	2050 / 80,7	12 - 21 / 26456 - 46297
KFX 20	1250 / 2756	3200	400 - 900	2400 / 94,5	14 - 24 / 30865 - 52911
KFX 26	1700 / 3748	4200	400 - 800	2700 / 106,3	20 - 30 / 44093 - 66139
KFX 32	2200 / 4850	5400	400 - 800	3000 / 118,1	23 - 35 / 50706 - 77162
KFX 36	2900 / 6393	8500	350 - 700	3300 / 129,9	28 - 45 / 61729 - 99208
KFX 40	3200 / 7055	9000	300 - 650	3400 / 133,9	30 - 47 / 66139 - 103617
KFX 47	3700 / 8157	9500	300 - 650	3500 / 137,8	35 - 50 / 77162 - 110231
KFX 58	4400 / 9700	12500	300 - 650	3800 / 149,6	37 - 57 / 81571 - 125663
KFX 70	4850 / 10692	16500	250 - 550	4000 / 157,5	40 - 70 / 88185 - 154324
KFX 80	5800 / 12787	18500	250 - 550	4200 / 165,4	45 - 80 / 99208 - 176370
KFX 120	7800 / 17196	23000	200 - 400	4500 / 177,2	60 - 110 / 132277 - 242508
KFX 150	12000 / 26456	28000	150 - 300	5200 / 204,7	80 - 170 / 176370 - 374786
KFX 200	14500 / 31967	35000	150 - 250	5500 / 216,5	100 - 200 / 220462 - 440925

Hydraulics KFX

Type	Required oil supply (l/min)	Working pressure (bar)	Back pressure max. (bar)	Nominal diameter pressure line	Nominal diameter tank line
KFX 14	70 - 100	160	25	3/4"	3/4"
KFX 17	135	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"
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
Grease system	automatic grease sytem
Gallery Kit	specific system for heavy-duty gallery work
Underwater Kit	avoids water entering the breaker
KM 690	adapter for rigid mount - up to 70t / 154000 lbs
KSW rigid	bolt-on adapter for system L-Lock quick couplers - up to 40t / 88000 lbs
OQ	bolt-on adapter for system OilQuick quick couplers - up to 70t / 154000 lbs

Pictures



KFX**Accessories Hydraulic Breakers**

Benefit from the variety of tools available for all kinds of operations.

Moil Point**Blunt Tool****Pyramide Tool****Chisel Tool****Cobra Tool**

KFX Tools Type	Description
KFX 14 Moil Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 14
KFX 14 Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 14
KFX 14 Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 14
KFX 14 Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 14
KFX 14 Cobra Tool	Suitable for quarry works such as primary demolition and block reduction for Hammer type 14
KFX 17 Moil Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 17
KFX 17 Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 17
KFX 17 Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 17
KFX 17 Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 17
KFX 17 Cobra Tool	Suitable for quarry works such as primary demolition and block reduction for Hammer type 17
KFX 20 Moil Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 20
KFX 20 Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 20
KFX 20 Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 20
KFX 20 Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 20
KFX 20 Cobra Tool	Suitable for quarry works such as primary demolition and block reduction for Hammer type 20
KFX 26 Moil Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 26
KFX 26 Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 26
KFX 26 Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 26
KFX 26 Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 26
KFX 26 Cobra Tool	Suitable for quarry works such as primary demolition and block reduction for Hammer type 26
KFX 32 Moil Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 32
KFX 32 Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 32
KFX 32 Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 32
KFX 32 Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 32
KFX 32 Cobra Tool	Suitable for quarry works such as primary demolition and block reduction for Hammer type 32
KFX 36 Moil Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 36
KFX 36 Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 36
KFX 36 Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 36
KFX 36 Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 36
KFX 36 Cobra Tool	Suitable for quarry works such as primary demolition and block reduction for Hammer type 36
KFX 40 Moil Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 40
KFX 40 Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 40
KFX 40 Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 40
KFX 40 Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 40
KFX 40 Cobra Tool	Suitable for quarry works such as primary demolition and block reduction for Hammer type 40
KFX 47 Moil Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 47
KFX 47 Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 47
KFX 47 Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 47
KFX 47 Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 47
KFX 47 Cobra Tool	Suitable for quarry works such as primary demolition and block reduction for Hammer type 47
KFX 58 Moil Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 58
KFX 58 Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 58
KFX 58 Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 58
KFX 58 Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 58
KFX 58 Cobra Tool	Suitable for quarry works such as primary demolition and block reduction for Hammer type 58
KFX 70 Moil Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 70
KFX 70 Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 70
KFX 70 Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 70
KFX 70 Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 70
KFX 70 Cobra Tool	Suitable for quarry works such as primary demolition and block reduction for Hammer type 70
KFX 80 Moil Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 80
KFX 80 Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 80
KFX 80 Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 80
KFX 80 Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 80
KFX 80 Cobra Tool	Suitable for quarry works such as primary demolition and block reduction for Hammer type 80
KFX 120 Moil Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 120
KFX 120 Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 120
KFX 120 Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 120
KFX 120 Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 120
KFX 120 Cobra Tool	Suitable for quarry works such as primary demolition and block reduction for Hammer type 120
KFX 150 Moil Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 150
KFX 150 Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 150
KFX 150 Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 150
KFX 150 Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 150
KFX 150 Cobra Tool	Suitable for quarry works such as primary demolition and block reduction for Hammer type 150
KFX 200 Moil Point	Suitable for concrete, medium-hard and non-layered rock for Hammer type 200
KFX 200 Blunt Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 200
KFX 200 Pyramid Tool	Suitable for reinforced concrete and highly compact rock for Hammer type 200
KFX 200 Chisel Tool	Suitable for medium-hard and layered rock for Hammer type 200
KFX 200 Cobra Tool	Suitable for quarry works such as primary demolition and block reduction for Hammer type 200