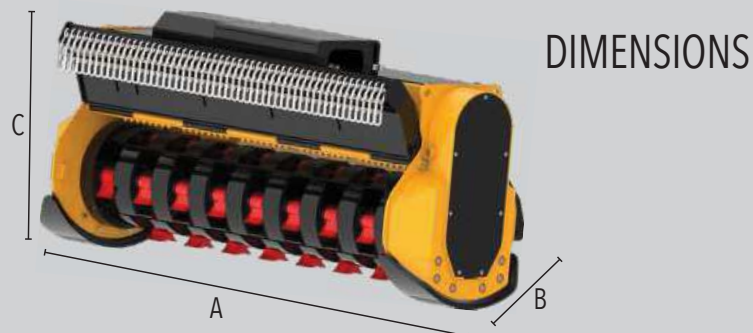


MODEL	MHC5 160	MHC5 180	MHC5 200	MHC10 160 HD	MHC10 180 HD
Working width [mm]	1600	1800	2000	1600	1800
Weight [kg]	890	930	970	1285	1420
Oil [lt/min]	60/120	60/120	60/120	100/180	100/180
Pression [bar]	200/220	200/220	200/220	200/350	200/350
Skid loader class [hp]	50/90	50/90	50/90	70/120	70/120
Rotor standard	MHF16	MHF16	MHF16	MHF14	MHF14
Rotor optional	MKF3	MKF3	MKF3	MHF15	MHF15
Motor displacement [cc]	27/51	27/51	27/51	45/80	45/80
Motor type	cast iron gears			pistons gears	
Knives number [n°]	18	20	22	42	54





	MH9 70HD2	MH9 90HD2	MH9 105HD2	MH9 70HD3	MH9 90HD3	MH9 105HD3	MH11 130HD2	MH13 105HD2	MH13 130HD2	MH13 105HD3	MH13 130HD3	MH15 130HD2	MH15 160HD2	MH15 130HD3	MH15 160HD3	MH20 130HD3	MH20 160HD3	MH20 180HD3
A Width	850	1050	1250	850	1050	150	1450	1250	1450	1250	1450	1600	1900	1600	1900	1700	2000	2000
B Depth	800	800	800	800	800	800	900	950	950	950	950	800	800	800	800	1000	1000	1000
C Height	600	600	600	600	600	600	600	850	850	850	850	850	850	850	850	900	900	900

The hydraulic mulching head M3 is designed with a strong and reliable structure and can easily fit almost any type of excavators. It is manufactured in different models, depending on the use and size of the excavator. It is supplied complete with hydraulic motor (piston motor from the MH15 series), valve block including anti-cavitation, priority, shockproof valve, adjustable support slides and perforated smooth plate.

OPTIONALS

	Self-leveling support	Hydraulic hoses kit
Knives and hammers kit	Mounting hitch	





MODEL	MH9 70HD2	MH9 90HD2	MH9 105HD2	MH9 70HD3	MH9 90HD3	MH9 105HD3	MH11 130HD2	MH13 105HD2	MH13 130HD2	MH13 105HD3	MH13 130HD3	MH15 130HD2	MH15 160HD2	MH15 130HD3	MH15 160HD3	MH20 130HD3	MH20 160HD3	MH20 180HD3	
Working width [mm]	700	900	1050	700	900	1050	1300	1050	1300	1050	1300	1300	1600	1300	1600	1300	1600	1800	
Weight [kg]	220	330	400	340	400	460	440	580	650	685	745	920	1020	950	1050	1050	1185	1320	
Oil [lt/min]	40/90	40/90	50/90	40/90	50/90	50/90	60/90	70/90	70/90	80/90	80/90	100/160	100/160	100/160	100/160	100/180	100/180	100/180	
Pression [bar]	200/220	200/220	200/220	200/220	200/220	200/220	200/220	200/220	200/220	200/220	200/220	200/250	200/250	200/250	200/250	200/350	200/350	200/350	
Excavator class [t]	5,0-8,0	6,0-8,0	6,0-12,0	5,0-12,0	6,0-12,0	6,0-12,0	8,0-12,0	10,0-16,0	10,0-16,0	10,0-16,0	10,0-16,0	12,0-25,0	15,0-25,0	12,0-25,0	16,0-25,0	16,0-30,0	18,0-30,0	20,0-30,0	
Rotor standard	MHF17	MHF17	MHF17	MHF14	MHF14	MHF14	MHF19	MHF19	MHF19	MHF14	MHF14	MHF11	MHF13	MHF14	MHF14	MHF14	MHF14	MHF14	
Rotor optional	-	-	-	MHF15	MHF15	MHF15	-	-	-	MHF15	MHF15	MHF10	MHF12	MHF15	MHF15	MHF15	MHF15	MHF15	
Motor displacement [cc]	22/51	22/51	27/51	22/51	27/51	27/51	44/51	44/51	44/51	44/51	44/51	32/64	32/64	32/64	32/64	45/80	45/80	45/80	
Motor type	gears						cast iron gears*					pistons gears							
Knives number [n°]	12	18	22	18	24	30	18	16	18	30	36	26	32	36	42	36	42	54	

* on request, a piston engine is also available



DIMENSIONS

		MH1 60	MH1 80	MH3 70	MH3 90	MH5 105	MH7 105	MH7 125	MH9 70	MH9 90	MH9 105	MH11 130	MH11 160	MH13 105	MH13 130
A	Width	850	1000	950	1150	1300	1250	1450	850	1050	1250	1450	1850	1250	1450
B	Depth	500	500	550	550	600	750	750	800	800	800	900	1000	950	950
C	Height	350	350	450	450	400	500	500	600	600	600	600	700	850	850

The hydraulic mulching head M3 is designed with a strong and reliable structure and can easily fit almost any type of excavators. It is manufactured in different models, depending on the use and size of the excavator. It is supplied complete with hydraulic motor, leveling roller (MH3/5/7 models only) with adjustable height, direct transmission (up to MH7) belt transmission, valve block including anti-cavitation, priority, shockproof valve and perforated smooth plate.

OPTIONALS

	Self-leveling support	Hydraulic hoses kit
Knives and hammers kit	Mounting hitch	Front and rear chain protection (only for mod. MH1/3/5)
Support roller (only for mod. MH1 / 9/11/13)		





MODEL	MH1 60	MH1 80	MH3 70	MH3 90	MH5 105	MH7 105	MH7 125	MH9 70	MH9 90	MH9 105	MH11 130	MH11 160	MH13 105	MH13 130
Working width [mm]	600	800	700	900	1050	1050	1250	700	900	1050	1300	1600	1050	1300
Weight [kg]	70	80	130	150	190	220	250	180	260	310	345	420	480	540
Oil [lt/min]	20/30	30/40	20/40	30/40	40/60	60/80	60/80	30	40/60	40/90	60/90	80/90	70/90	70/90
Pression [bar]	170/220	170/220	170/220	170/220	170/220	200/220	200/220	170/220	170/220	200/220	200/220	200/220	200/220	200/220
Excavator class [t]	1,2 - 3,0	1,2 - 3,0	1,5 - 5,0	2,0 - 5,0	4,0 - 6,0	6,0 - 8,0	6,0 - 8,0	3,0 - 4,0	4,0 - 8,0	6,0 - 10,0	6,0 - 12,0	10,0 - 12,0	8,0 - 16,0	8,0 - 16,0
Rotor standard	MHF1	MHF1	MHF2	MHF2	MHF2	MHF3	MHF3	MHF3	MHF3	MHF3	MHF6	MHF6	MHF6	MHF6
Rotor optional	MKF1	MKF1	MHC1 MKC1	MHC1 MKC1	MHC1 MKC1	MKF3	MKF3	MKF3	MKF3	MKF3	MKF7	MKF7	MKF7	MKF7
Motor displacement [cc]	8/11	8/11	8/16	11/16	16	22/34	22/34	16	22/34	22/51	34/51	44/51	44/51	44/51
Motor type	gears					cast iron gears*		gears			cast iron gears*			
Knives number [n°]	12	16	12	16	16	16	20	10	14	16	20	20	16	20

* on request, a piston engine is also available



Knives MKF5 max cut Ø 6 cm

MODEL

MH 11/13/15



360° rotating hammers MHF9 max cut Ø 12 cm

MODEL

MH 11/13HD2

MHF9 ***



360° rotating hammers MHF11/13 max cut Ø 25 cm

MODEL

MH 15 HD2

MHF11 ***

MHF13 ***



Hammers MHC1 max cut Ø 4 cm

MODEL

MH 3/5



Hammers MHF3 max cut Ø 8 cm

MODEL

MH 7/9



Hammers MHF6 max cut Ø 8 cm

MODEL

MH 11/13/15



Fixed teeth MHF14 max cut Ø 25 cm

MODEL

MH 13/15/20 HD3



Hammers MHF1 max cut Ø 3 cm

MODEL

MH 1



Knives MKF1 max cut Ø 2 cm

MODEL

MH 1



Hammers MHF2 max cut Ø 5 cm

MODEL

MH 3/5



360° rotating hammers MHF7/8 max cut Ø 12 cm

MODEL

MH 9/11/13HD2

MHF7 ***

MHF8 ***



360° rotating hammers MHF10/12 max cut Ø 25 cm

MODEL

MH 15 HD2

MHF10 ***

MHF12 ***



Fixed teeth MHF15 max cut Ø 20 cm

MODEL

MH 13/15/20 HD3



Knives MKC1 max cut Ø 3 cm

MODEL

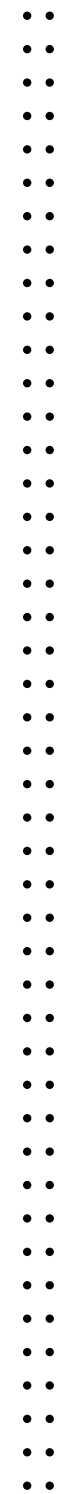
MH 3/5



Knives MKF3 max cut Ø 6 cm

MODEL

MH 7/9





MODEL	(Ton)																
	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0	25.0	30.0	
MH1	Ø3																
MH3	Ø5																
MH5			Ø5														
MH7				Ø8													
MH9			Ø8														
MH9 HD2					Ø12												
MH9 HD3					Ø25												
MH11						Ø8											
MH11 HD2								Ø12									
MH13								Ø8									
MH13 HD2									Ø12								
MH13 HD3									Ø25								
MH15									Ø8								
MH15 HD2/3										Ø25							
MH20 HD3												Ø30					

The set-up of the auxiliary hydraulic system on the excavator is of exclusive pertinence and responsibility of the client. Should the client wish, instead, to operate the M3 mulcher by means of the existing hydraulic system in the excavator (ex. for operating demolition hammers, pincers, etc.), he must be aware that the performance of the mulcher may result decreased, in particular when the excavator's arm, the cabin and/or the trucks/wheels are mowing as well. Note also that a pressure on the return branch exceeding 15 bar would cause the leakage of the seal of the hydraulic motor with consequent loss of oil.