

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	MHF3	MHF6	MHF6	MHF6
Rotor optional	MKF1	MKF1	MHC1 MKC1	MHC1 MKC1	MHC1 MKC1	MKF3	MKF3	MKF3	MKF3	MKF3	MKF3	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 ***



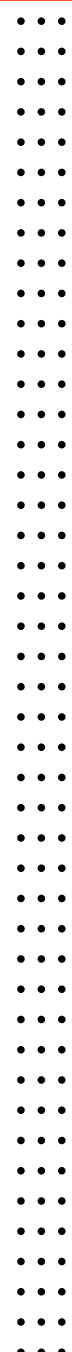
Fixed teeth MHF15 max cut Ø 20 cm
MODEL
MH 13/15/20 HD3

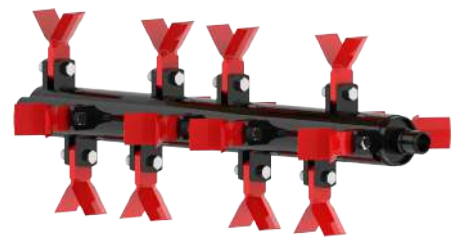


Knives MKC1 max cut Ø 3 cm
MODEL
MH 3/5



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 moving 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.