



AFM Grapples

The design of the claws allows the logs to roll in gently, fills the grapple efficiently, and ensures that the load stays in place. Two cylinders in grapples provide low and even shaft loading, which means less wear. The grapple works quickly and easily on all types of material.

AFM 15 AFM 20 AFM 25 AFM 28 AFM 35
AFM 40 AFM 50 AFM 55 AFM 80 AFM 100

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		15	20	25	28	35	40	50	55	80
Max Working Pressure	MPa	23	23	23	23	23	23	23	23	19
Tip force, tip to tip	kN	9,3	8,7	17	16,7	16,1	16,2	16	16	35
Opening time at 70 l/min	s	0,4	0,4	0,8	0,9	1	1,1	1,5	1,7	3,6
Closing time at 70 l/min	s	0,6	0,6	1,4	1,5	1,6	1,7	2,1	2,5	5,2
Length, closed grapple	mm	740	780	800	830	885	970	1080	1110	1355
Maximum grapple opening	mm	1170	1400	1450	1690	1880	2070	2110	2390	2840
Max width	mm	397	397	488	488	526	526	526	526	800
Width, outer claw	mm	355	355	434	434	472	472	472	472	714
Height, closed grapple	mm	510	510	540	530	565	610	615	695	835
Height, open grapple	mm	685	645	690	635	600	630	830	715	890
Min load diameter	mm	90	95	110	110	120	140	140	160	175
Load area	m ²	0,15	0,2	0,25	0,28	0,35	0,4	0,5	0,55	0,8
Max load	kg	2000	2000	3500	3500	5000	5000	5000	5000	6500
Weight	kg	120	130	225	230	255	285	310	325	680



- Twin cylinders
- Expander pins
- Reliable and user friendly

- Extremely high quality
- Powder coated
- High grade steel

AFM Grapples can be equipped with an additional saw unit for cross cutting, cutting bioenergy materials or tree parts without losing the loading capabilities. Saw unit can be installed for both excavator or rotator mounting. Saw unit is available for grapple models 25, 28, 35, 40 and 55.

Technical details of saw units:

Saw unit model		10	19
Width	mm	214	214
Length	mm	1040	1040
Height	mm	409	409
Min pressure	bar	160	160
Max pressure	bar	310	310
Min flow	l/min	80	120
Max flow	l/min	135	220
Saw bar	cm	75-100	75-100
Saw chain pitch		.404"	.404"
Max cutting diam.	cm	30-40	50-60
Oil tank	l	3,5	3,5
Weight, saw unit	kg	120	120
Automatic chain tensioning			
Adjustable chain lubrication			
Automatic saw bar return			



Local Dealer:

AFMFOREST

AFM-Forest Ltd
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