

Handling Grapples

MD Series

For carriers from 1,5 to 66,5 tons



MD Series Handling & Demolition Grapples

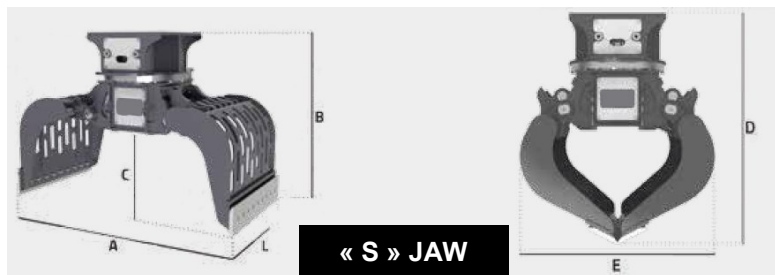
This attachment has been designed to handle demolished materials and to do also operations of light demolition directly on buildings or structures.

Thanks to the specific configuration, the considerable gripping force and above all, the 360° hydraulic rotation, this grapple can be used in the most precarious conditions, ensuring greater productivity without requiring continuous hand-work.

Each model in the range stands out for the reliability and the sturdiness of the main body, made from the most innovative steel to support the most heavyduty workloads over time.

Handling Grapple - MD Series

Models		MD45	MD65	MD100	MD120	MD140	MD210	MD290	MD410	MD610
Rotation	°	360	360	360	360	360	360	360	360	360
Rotation Flow	gal/min	1	1 / 2	1 / 2	1 / 2	1 / 2	5 / 7	5 / 7	10 / 13	10 / 13
Rotation Pressure	psi	1714	1714	1714	1714	1714	1714	1714	1714	1714
Open / Close Flow	gal/min	2 / 3	5 / 6	6 / 7	7 / 10	10 / 13	21 / 26	26 / 31	26 / 31	31 / 36
Open / Close pressure	psi	2857 / 3571	2857 / 4285	3285 / 4571	4571	4571	4571	4571	4571	4571
Excavator Weight	1000 lbs	3 / 8	6 / 13	11 / 20	17 / 26	24 / 35	33 / 46	44 / 64	62 / 91	82 / 133

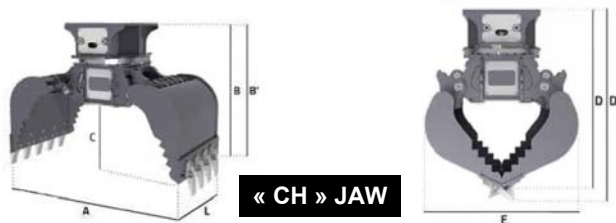


MD + S		MD45	MD65	MD100	MD120	MD140	MD210	MD290	MD410	MD610								
A	in	37,60	46,65	61,42	66,34	71,26	75,98	88,98	98,43	118,11								
B	in	26,38	26,38	26,38	26,38	26,38	26,38	26,38	68,70	77,95								
C	in	11,81	14,57	18,90	20,08	21,85	23,62	27,17	30,12	34,45								
D	in	28,74	35,83	43,11	49,80	53,15	59,06	68,31	77,36	88,78								
E	in	24,80	30,31	39,17	43,90	46,06	49,41	59,06	67,75	76,97								
F3	t	1,1 / 1,43	1,43 / 2,2	2,2 / 3,3	3,6	4,4	7,7	9,9	13	15								
L	in	15,75	19,69	23,62	27,56	31,50	39,37	47,24	55,12	59,06								
Capacity	yd3	0,08	0,12	0,13	0,17	0,26	0,33	0,42	0,53	0,66	0,79	0,92	1,05	1,32	1,58	1,84	2,89	
Weight	lbs	289	556	589	611	956	1011	1544	1911	2067	2689	2856	3011	3922	4122	4322	6222	8489

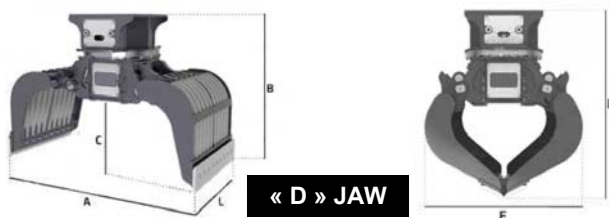


Hangling Grapples - MD Series

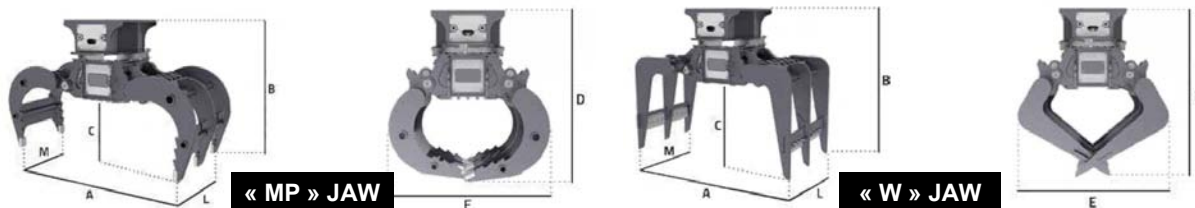
Specifications and Dimensions



MD+CH		MD45	MD65	MD100	MD120	MD140	MD210			MD290					
A	in	37,60	46,65	61,42	66,34	71,26	75,98			88,98					
B / B'	in	25,91 / 28,66	31,65 / 34,41	37,76 / 43,5	44,25 / 50	45,51 / 51,26	51,61 / 57,36			58,62 / 64,37					
C	in	11,81	14,57	18,90	20,08	21,85	23,62			27,17					
D / D'	in	28,03 / 29,92	34,88 / 36,69	41,89 / 46,38	48,43 / 52,87	51,3 / 55,75	57,17 / 61,69			66,34 / 70,83					
E	in	24,80	30,31	39,17	43,90	46,06	49,41			59,06					
F3	t	1,1 / 1,43	1,43 / 2,2	2,2 / 3,3	3,6	4,4	7,7			9,9					
L	in	15,75	15,75	19,69	23,62	27,56	31,50	39,37	31,50	39,37	47,24	39,37	47,24	55,12	
Teeth	no	2+1	2+1	3+2	3+2	3+2	4+3	5+4	4+3	5+4	5+4	5+4	5+4	6+5	
Weight	lbs	289	556	578	1011	1067	1622	1989	2144	2700	2867	3000	3978	4167	4378



MD + D		MD65	MD100	MD120	MD140	MD210			MD290			MD410	MD610			
A	in	46,65	61,42	66,34	71,26	75,98			88,98			98,43	118,11			
B / B'	in	32,28	38,58	45,28	47,24	53,15			60,24			68,70	77,95			
C	in	14,57	18,90	20,08	21,85	23,62			27,17			30,12	34,45			
D / D'	in	35,83	43,11	49,80	53,15	59,06			68,31			77,36	88,78			
E	in	30,31	39,17	43,90	46,06	49,41			59,06			67,75	76,97			
F3	t	1,43 / 2,2	2,2 / 3,3	3,6	4,4	7,7			9,9			13	15			
L	in	15,75	19,69	23,62	27,56	27,56	31,50	39,37	31,50	39,37	47,24	39,37	47,24	55,12	55,12	59,06
Grid dist.	in	1,89	1,89	2,13	2,13	2,48	2,87	2,99	2,87	2,99	3,07	3,31	3,31	3,31	3,74	5,12
Weight	lbs	567	600	1011	1078	1644	2011	2178	2833	3033	3222	4456	4789	5133	7256	9907



MD + MP		MD140	MD210	MD290	MD410
A	in	67,13	71,26	83,07	94,49
B	in	46,06	52,56	59,45	67,32
C	in	19,69	21,85	25,00	27,17
D	in	51,57	57,87	66,14	75,39
E	in	50,98	53,74	60,04	69,09
F3	t	4,4	7,7	9,9	13
L	in	31,50	39,37	45,28	55,12
M	in	23,62	29,13	33,46	40,94
Weight	lbs	2011	2944	4178	6900

MD + W		MD210	MD290
A	in	73,07	74,80
B	in	61,46	65,63
C	in	31,69	32,44
D	in	62,76	65,24
E	in	55,31	60,83
F3	t	7,7	9,9
L	in	39,37	47,24
M	in	23,23	42,91
Weight	lbs	3211	4431