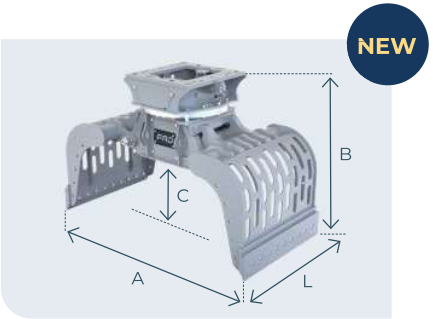
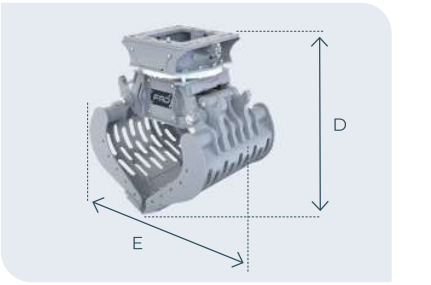
FMD SERIES

Demolition and Sorting Grab

Versatile demolition and sorting grab for a wide range of applications involving a wide variety of materials, such as sorting construction waste, loading and sorting recycling materials, stone setting work, excavating earth and loading coarse bulk material, loading bushes and shrubs. The sturdy perforated rear walls (made of high-strength 450 HB fine-grain steel) of the demolition grab allow sand and gravel to pass through without larger parts becoming jammed.



Picture: S version



Features and benefits

- For excavator from 2 to 61 ton
- 10 sizes available
- Robust slewing gear with high load axial and radial ball bearing
- Protected, hydraulic slewing gear can be rotated endlessly and is designed for positioning
- Integrated mechanical stops for opening and closing
- Compact design
- Dual rotation motors as standard (from FMD-140S to FMD-290S)
- Special orbital motor with planetary gearbox (FMD-410S and FMD-610S)
- Integrated load holding valve (optional from FMD-140S to FMD-610S)
- Box design, high-strength frame
- Synchronized jaws closing design for severe duty applications
- High clamping force thanks to powerful hydraulic cylinders
- Hydraulically dampened cylinder
- Interchangeable and reversible bolt- on cutting blades made from high-strength 500 HB steel
- Maximum loading performance
- Easy maintenance

Technical data

MODEL	CARRIER WEIGHT CLASS 1)	PRODUCT WEIGHT	WIDTH OPEN (A)	HEIGHT OPEN (B)	BOWL HEIGHT (C)	HEIGHT CLOSED (D)	WIDTH CLOSED (E)	CUTTER WIDTH (L)	CAPACITY	CLAMPING FORCE	ROTATION	OIL FLOW (ROTATION)	OPERATING PRESSURE (ROTATION)	OIL FLOW (OPENING/ CLOSING)	OPERATING PRESSURE (OPENING/ CLOSING)
	T	KG	MM	MM	MM	MM	MM	MM	M^3	KN	DEG (°)	L/MIN	MPA	L/MIN	MPA
FMD-45S	2 ~ 5	130	955	670	300	730	630	400	0,06	13	360	2 ~ 5	12	8 ~ 12	20 ~ 25
FMD-65S	4 ~ 8	265	1185	820	370	910	770	500	0,1	20	360	5 ~ 15	12	20 ~ 25	20 ~ 30
FMD-100S	6 ~ 10	430	1560	980	480	1100	995	600	0,2	30	360	5 ~ 15	12	25 ~ 30	23 ~ 32
FMD-120S	10 ~ 14	695	1685	1150	510	1265	1115	700	0,32	33	360	5 ~ 15	12	30 ~ 40	32
FMD-140S	12 ~ 16	875	1870	1205	555	1385	1170	800	0,4	40	360	10 ~ 20	12	40 ~ 50	32
FMD-180S	15 ~ 21	1040	1870	1216	566	1402	1178	900	0,45	60	360	15 ~ 25	12	50 ~ 60	32
FMD-210S	20 ~ 25	1285	1930	1260	600	1412	1255	1000	0,6	70	360	15 ~ 25	12	80 ~ 100	32
FMD-290S	25 ~ 30	1855	2260	1480	690	1685	1500	1200	1	90	360	50 ~ 60	12	100 ~ 120	32
FMD-410S	31 ~ 42	2800	2500	1745	765	1970	1670	1400	1,4	120	360	60 ~ 70	12	100 ~ 120	32
FMD-610S	43 ~ 61	3820	3000	1980	875	2255	1955	1500	2,2	140	360	60 ~ 70	12	120 ~ 140	32

FMD KITS

Optional kits for every need

The demolition and sorting grab "D version" is also available from FMD-65 to FMD-610 with ribbed shells.

Please contact us for advice.



Picture: D version

Kit 1

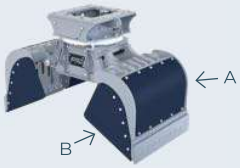
The toothed screw-on blades (A) and the serrated gripper teeth (B) can be attached optionally using bolts and nuts. They are ideal for handling large blocks and stones. This optional accessory is available as a kit or individually for sizes FMD-140 to FMD-290.





Kit 2

The loading plates (A) for the perforated rear plates and the side loading plates (B) can be optionally attached using bolts and nuts. They are ideal for loading fine-grained material such as sand and loose soil. This optional accessory is available as a kit or individually for sizes FMD-140S to FMD-290S.







Picture: VS-30E and FMD-410S