



HYDRAULIC CRUSHERS & GRABS



WHERE **EXPERIENCE COUNTS**

HYDRAULIC GRABS



FDG SERIES -SMALL-

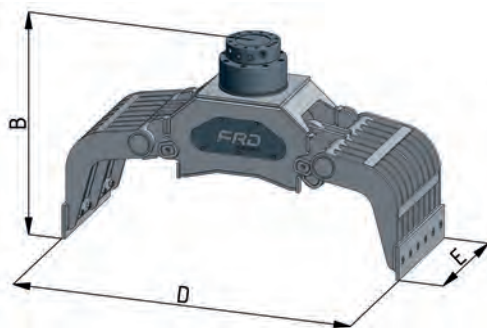
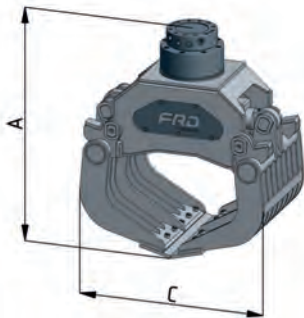
FRD DEMOLITION- AND SORTING GRAB

Demolition- and sorting grab for variable use and handling of different materials, as for example:

- Demolition and sorting
- Sorting and handling of construction waste
- Sorting and handling of recycling material

DESIGN FEATURES

- Hydraulic rotator unit with heavy duty axial and radial bearings with compact rotator
- Flat compact design. Hydraulic cylinders and ganging guidance cpl. protected inside the frame
- FDG20-PL and FDG30-PL cylinders with limit damping
- FDG10-PL, FDG20-PL and FDG30-PL with load holding valve at the cylinders. It prevent the unintentional opening of the grab
- Integrated mechanical opening and closing stoppers
- Shells complete of high strength fine-grain steel (400 HB)
- Bolt-on exchangeable cutting edges of high strength fine-grain steel (400 HB)
- Grab design for free oscillating use available



		FDG05-PL	FDG10-PL	FDG15-PL	FDG20-PL	FDG30-PL
Operating weight ¹⁾	kg	140	220	380	510	940
Capacity	l	45	80	130	200	370
Sustainability max.	t	1	1	1,5	2	4
Sust. - Rotary Engine max.	t	5	5	5	10	15
Dimension A	mm	700	820	930	1075	1205
Dimension B	mm	760	720	775	950	1070
Dimension C	mm	640	660	825	940	1170
Dimension D	mm	1000	1105	1390	1630	1925
Width E	mm	360	400	500	600	800
Closing max.	kN	19	17	23	33	51
Operating pressure max.	MPa	25	25	32	30	30
Oil flow max.	l/min	22	22	32	40	60
Oper. - pressure rotator max.	MPa	25	25	25	25	25
Oil flow rotator max.	l/min	20	20	20	28	48
Base machine weight	t	1 - 2	3 - 5	4 - 7	5 - 9	9 - 15

Specifications subject to change without notice. ¹⁾ Operating Weight basic unit without turning unit and mounting plate.

WHERE EXPERIENCE COUNTS

FDG SERIES -LARGE-

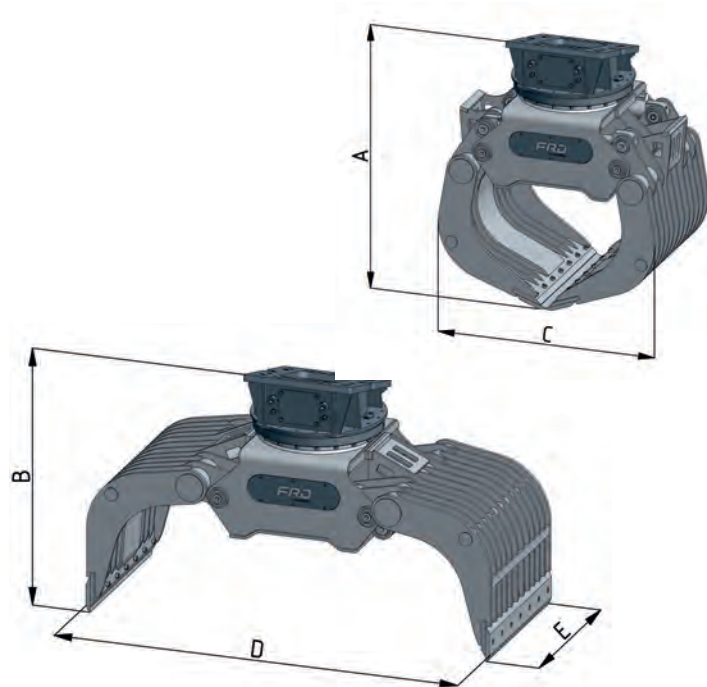
FRD DEMOLITION- AND SORTING GRAB

Demolition- and sorting grab for variable use and handling of different materials, as for example:

- Demolition and sorting
- Sorting and handling of construction waste
- Sorting and handling of recycling material

DESIGN FEATURES

- Hydraulic rotator unit with heavy duty axial and radial bearings with rotating annulus rotator
- Flat compact design. Hydraulic cylinders and ganging guidance completely protected inside the frame with limit damping
- Load holding valve at the cylinders prevent the unintentional opening of the grab
- Integrated mechanical opening and closing stoppers
- Shells complete of high strength fine-grain steel (400 HB)
- Bolt-on exchangeable cutting edges of high strength fine-grain steel (400 HB)
- Grab design for free oscillating use available



		FDG35-PL	FDG40-PL	FDG50-PL	FDG60-PL
Operating weight ¹⁾	kg	1080	1590	1840	2330
Capacity	l	370	650	760	925
Sustainability max.	t	4	6	6	8
Sust.- Rotary Engine max.	t	15	20	20	30
Dimension A	mm	1420	1595	1765	1800
Dimension B	mm	1285	1445	1490	1600
Dimension C	mm	1175	1415	1450	1530
Dimension D	mm	1925	2250	2450	2500
Width E	mm	800	900	1000	1230
Closing max.	kN	51	76	103	125
Operating pressure max.	Mpa	30	35	35	35
Oil flow max.	l/min	60	62	90	112
Oper.- pressure rotator max.	Mpa	14	14	14	14
Oil flow rotator max.	l/min	30	30	30	30
Base machine weight	t	15 - 20	20 - 25	25 - 30	29 - 40

Specifications subject to change without notice. ¹⁾ Operating Weight basic unit without turning unit and mounting plate..

WHERE EXPERIENCE COUNTS

DEALER NETWORK

LOCAL SERVICE AND SUPPORT

FRD seeks firstly to supply a product of undoubted integrity. Then back this up with a support network of dedicated Distributors to ensure whatever support, wherever and whenever needed. The FRD-Distributor combination has been made unbeatable.

FRD Distributors have been selected for their professional competence, their market coverage, their dedication to quality and their willingness to work. They receive intense training on all machines and systems and every support that a committed manufacturer can give them. They actively exchange experience between each other to ensure their clients get the latest lessons from the market. They are a skilled and fast team of professionals.

VALUE FOR MONEY

Buying FRD products is a smart investment. Top quality for a reasonable price, with long lifetime, with low maintenance and less break-down-time. In the long term this choice makes financially better results.

Next steps? FRD Europe and its Distributors have a vast resource of information beyond what can be mentioned here. Do not hesitate to get in touch for more detail and an unbeatable quote.



WHERE EXPERIENCE COUNTS

Authorized distributor:



Furukawa Rock Drill Europe BV

Proostwetering 29, 3543 AB Utrecht, The Netherlands
Phone +31-(0)30-2412277 - frd@frd.eu / www.frd.eu



WHERE **EXPERIENCE COUNTS**