

# **NPK<sup>®</sup> DEMOLITION GRABS**

*Demolition, recycling, loading...*



**NPK demolition & dismantling grabs** are versatile, 360° hydraulically rotatable, attachments manufactured from wear resistant steel alloy. The grabs of the DG- / D-series allow reduced operation costs for demolition, dismantling, loading, sorting & recycling applications.

**Specialist hardening processes and welding procedures**, along with heavy duty components guarantee superb quality and a long life. To add to these features only the best hydraulic components, which have been fully protected within the design, are used. As with other NPK attachments these grabs offer an excellent return on investment.

**The DG-4, DG-6, DG-9 & D-1200** are equipped with an hydraulic rotator, offering a compact solution; also giving less and easier maintenance with high durability. Its speed is unaffected by varying oil flows (12-40 l/min).

**The DG-16, DG-20, DG-30 and DG-40** are manufactured with a high quality bearing and the overall operation is further optimised by the ability to adjust the speed of rotation and the open/close functions. All grabs have a flat top fixing, making it simple to use any bolt-on adaptor bracket, matching the mechanical/hydraulic quick hitch or directly to any brand of excavator.

**Clam cutters** are interchangeable and as an option, **side covers** are available for loading activities.

## **FEATURES**

- Fully protected hydraulic components
- Interchangeable clam cutters (HB500)
- Frame made of high strength steel / HARDOX
- 360° hydraulic rotation – no drain line required
- Large straight jaw opening
- Easy maintenance
- In one position greaseable
- Replaceable pin bushings
- Low cost, high efficiency
- Cage construction of the jaws, made of HARDOX 400
- Main pins equipped with dust seals
- High closing force
- Adjustable speed of rotation and open/close function & Double shock valve protects motor (DG-16, DG-20, DG-30, DG-40)
- Pilot check valve standard from DG-16 up
- One powerful cylinder
- Available in excavator weights; 2.5 ton – 40 ton



## TECHNICAL SPECIFICATIONS

MODEL	DG-4	DG-6	DG-9	D-1200	DG-16	DG-20	DG-30	DG-40
Excavator weight (t)	2,5 – 4	4 – 6	5 – 9	7 – 12	10 – 16	14 – 20	18 – 30	25 – 40
Weight (kg)	200	305	425	720	860	1150	1750	2050
Capacity (L)	90	150	180	360	425	500	800	900
Working pressure (MPa)	26	28	32	32	35	35	35	35
Oil flow (l/min)	15 – 35	20 – 40	30 – 50	30 – 50	100	100	100	100
Closing force (kN)	15	21	32	37	48	52	72	76
<b>Rotation:</b>								
Working pressure (MPa)	26	28	30	32	13	13	13	13
Oil flow (l/min)	18	22	25	30	25	25	25	25
<b>Dimensions:</b>								
A (mm)	1145	1355	1632	1860	1850	2050	2410	2410
B (mm)	790	935	1035	1070	1200	1285	1470	1470
Width (mm)	450	500	580	800	860	950	1115	1360