



DEMOLITION GRAPPLE DG



Strong and optimized design

The jaws and partly the body are made of highly wear resistant HB 400 grade steel. The Grapple is light but same time wear resistant and easy to use attachment

Three versions of jaws are available

Jaws made of ribs, plates with holes or solid plate are equal in strength and can be used mostly for same tasks.

- The jaws made of rib is suitable for handling material where good visibility is needed.
- The jaws made of plates with holes is suitable for handling material which grain size is small
- The jaws made of solid plates is suitable for handling flowing material as sand

Synchronizing of the jaws

A unique synchronizing X-link system is made of 2 interlinked pacing bars. With this set up the jaw movement is superior by accuracy, strength and stability. Using this set up, the right and left jaw's are identical and are interchangeable.

Rotation or fixed models

DG Grapples can be delivered also without Robi-rotation unit. The operator can choose tilt rotator set up. There is double motor option for Robi-rotation unit when higher torque for rotation is needed. Robi grapple is also available for direct integration to basic excavator boom end.

Maintenance and greasing

Grapples strong and good design reduce the need of maintenance or repairs. The new DG21 Grapple has maintenance free bearings in main joints to reduce needed greasing points.

Robi® DEMOLITION GRAPPLE DG

Robi Demolition Grapple is professional choice for demolition of buildings made of bricks and wood. It is multifunctional attachment for sorting and loading purposes.

Ramtec
ATTACHMENTS

MODEL	DG6R	DG8R	DG15R	DG20R	DG30R
Carrier weight (t)	3 - 6	5 - 11	10 - 17	16 - 23	23 - 42
Weight, DGR/DG (kg)	280 / 170	380 / 270	800 / 600	1180 / 870	2020 / 1500
Lifting capacity (kg)	2000	2000	4300	4600	5600
Max opening (mm)	1010	1430	1830	2060	2440
Device height / Jaws width (mm)	1030 / 400	1050 / 550	1280 / 800	1350 / 1000	1480 / 1250
Closing force (kN)	25	25	55	65	70
Volume, jaws closed (l)	160	330	420	650	890
Cylinder max (bar / l/min)	320 / 50	320 / 50	350 / 80	350 / 80	350 / 80
Rotation with 1 motor max (bar / l/min)	100 / 10	100 / 10	100 / 30	100 / 30	100 / 30
Rotation with 2 motor max (bar / l/min)	-	-	100 / 45	100 / 45	100 / 45