

Heavy duty grapple designed for various construction and improvement works!

The DGU series will perfectly cope with multiple earthworks, such as uprooting trees, sorting construction debris, light dismantling work or moving construction materials. Extremely robust due to the high quality materials and made according to the needs of their application.

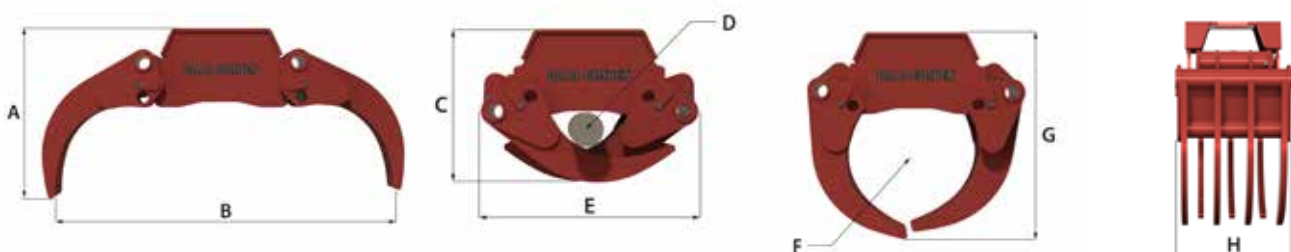
As all DALA-GRIPEN grapples DGU – universal grapple will be your loyal partner in your everyday challenges!

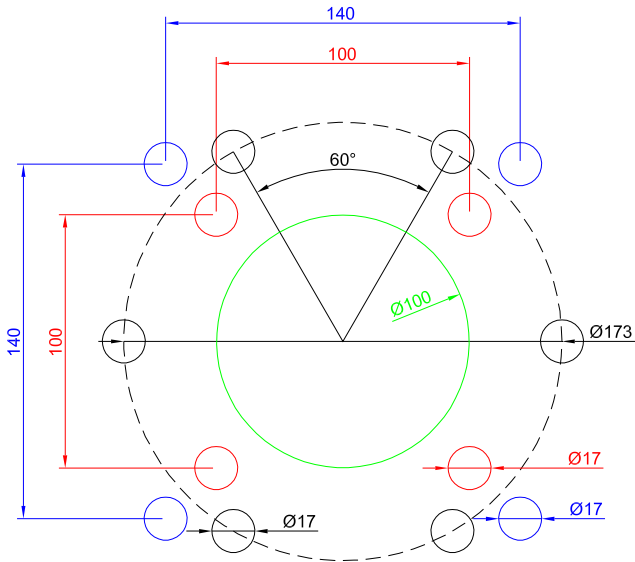
- 1. Strength and Durability:** Since it's meant for heavy-duty use, the grapple is constructed from high-strength materials such as Hardox 450 in the grapple teeth, which makes it long-lasting directly in active abrasive work, Strenx 650 in the grapple body, making it highly resistant to lateral loads while reducing the overall weight of the grapple. Long and reliable service is based on the selection of heat-treated pin material of increased hardness with the presence of alloying elements. Self lubricating bronze bushings with a hardness of up to 160 HB, which reduce maintenance intervals to a minimum.
- 2. Design:** The grapple allows efficient grabbing, lifting, and releasing of materials. DGU grapple has sturdy arms with strong gripping mechanisms to securely hold the materials in place during transport. High clamping force – jaws grab powerfully and quickly for high productivity. The form of the claws enables a smooth roll in of the stems. The grapples also close to a tight minimum opening, the operator can pick and sort even the smallest items. The by-passing jaws close fully so that also thin objects can be handled with ease. The form of the jaws is such that the grab also penetrates into piles of brush or logging slash.
- 3. Size and Capacity:** DGU grapples come in various sizes and configurations to accommodate different types of loads. To ensure a stronger grip, DGU25 and DGU28 are designed with 2 parallel links, achieving an even distribution of the working load on the descending parts.
- 4. Attachment Method:** The best work results can be achieved in combination with a tiltrotor. The most popular couplings are available as a set for the grapple upon request. Built-in standard screw connections also allow easy attachment of rotators, which will make the excavator significantly more capable.
- 5. Safety Features:** Safety is paramount on construction sites, so with safety in mind, the equipment includes a safety valve in case of hydraulic damage, as well as a hydraulic system accumulator for shock mitigation.

When selecting a heavy-duty grapple of serie DGU , it's essential to consider the specific requirements of the job, the types of materials to be handled, and the compatibility with existing machinery. The quality and reliability of DGU grapple will help to ensure that the grapple meets your expectations and performs well in demanding construction environments.

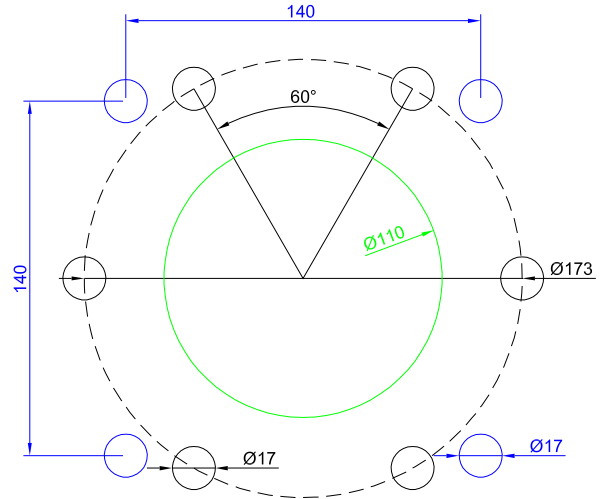
MODEL		DGU12-5	DGU20-3	DGU20-5	DGU20-7	DGU25-5	DGU25-7	DGU28-5	DGU28-7	
A	HEIGHT WHEN OPEN	mm	540	590	590	590	685	685	755	755
B	MAX OPENING	mm	890	1110	1110	1110	1220	1220	1385	1385
C	HEIGHT WHEN CLOSED	mm	375	450	450	450	500	500	575	575
D	MIN GRIPING DIAMETER	mm	85	95	95	95	105	105	125	125
E	LENGTH WHEN CLOSED	mm	550	655	655	655	740	740	830	830
F	GRIPPING AREA	m ²	0,12	0,2	0,2	0,2	0,25	0,25	0,28	0,28
G	HEIGHT, TIP AGAINST TIP	mm	580	680	680	680	765	765	860	860
H	WIDTH	mm	320	375	375	375	455	455	470	470
EXCAVATOR WEIGHT		ton	0,5-3,0	3,0-6,0	3,0-6,0	3,0-6,0	5,0-9,0	5,0-9,0	8,0-13,0	8,0-13,0
FINGER AMOUNT		pcs	5	3	5	7	5	7	5	7
WEIGHT		kg	75	110	120	130	195	212	285	311
MAX LOAD		kg	1500	2000	2000	2000	3500	3500	3500	3500
MAX WORKING PRESSURE		Bar	200	250	250	250	250	250	250	250
CYLINDER FORCE		kN	39	78	78	78	126	126	126	126
GRIPPING FORCE ARMS TIP		kN	4,7	9,3	9,3	9,3	14,4	14,4	14,9	14,9
ORDER CODE			DGU12-5	DGU20-3	DGU20-5	DGU20-7	DGU25-5	DGU25-7	DGU28-5	DGU28-7

* Please, see the rotator connection page for detailed information.



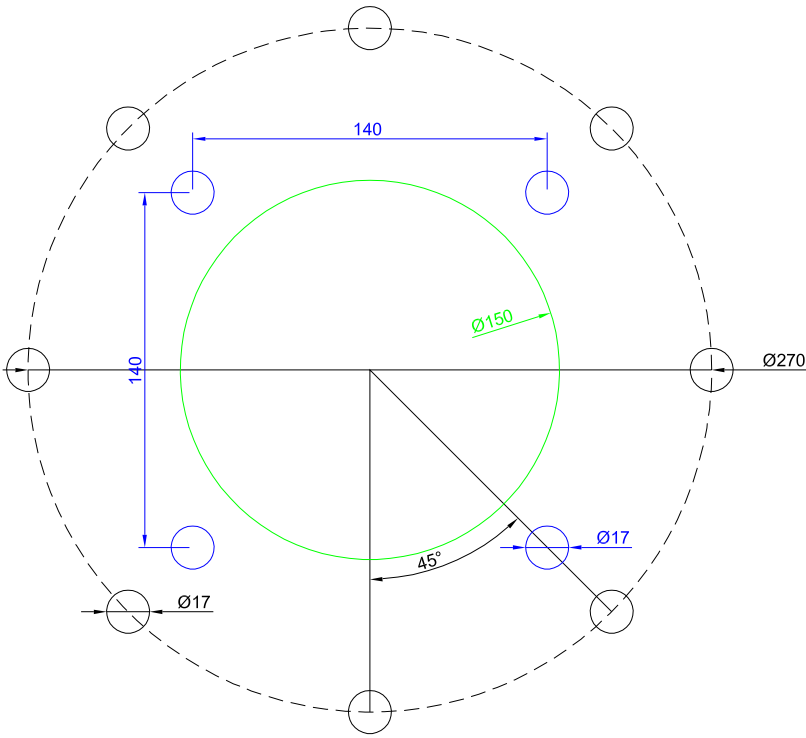


DGU12



DGU20

DGU25



DGU28

