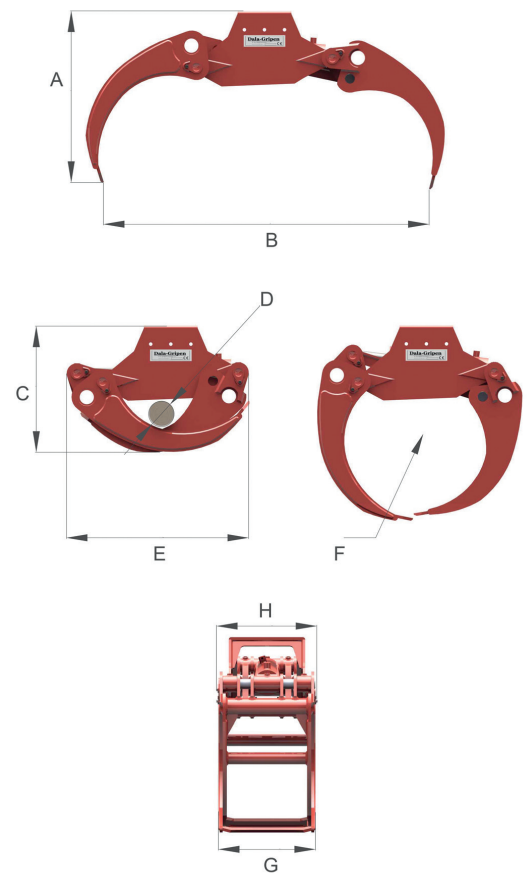


Heavy Duty timber grapple for real challenges, also perfect for tiltrotor use with universal quick hitches. Heavy duty grapple is suited for heavy forest works, different waste sorting and pipe/round wood loading or moving and industrial loadings.

- Construction is strengthened, thicker material with additional mounts, Materials used are well known SSAB quality Strenx 650 Mc, Strenx 700 Mc, with those materials we have achieved higher durability and as light weight as possible of the grapples. Lighter grapple makes excavator or forest machinery to wear out less.
- Grapples has additional fastener points where to attach any, specially adjusted coupling. Adapters should be fastened with screws - you can change and use it on different excavators and forest machinery.
- Except models DGE12 and DGE20, all other models have 2 reaction bars that contribute to stable and symmetrical performance of grapple as well as spread the load on cylinder that in long run decrease the wear of grapple.
- Short cylinder working track provides fast movement of the grapple - opening/closing.

MODEL		DGE12	DGE20	DGE25	DGE28	DGE35	DGE42	DGE55
A	HEIGHT WHEN OPEN	mm 495	550	620	745	770	845	945
B	MAX OPENING	mm 1000	1250	1400	1435	1820	2000	2250
C	HEIGHT WHEN CLOSED	mm 350	425	480	530	610	620	730
D	MIN GRIPING DIAMETER	mm 57	73	90	105	125	125	125
E	LENGTH WHEN CLOSED	mm 545	645	730	810	930	1045	1150
F	GRIPPING AREA	m ² 0,14	0,2	0,25	0,28	0,35	0,42	0,55
G	WIDTH	mm 264	325	405	420	485	490	600
H	MAX WIDTH	mm 264	335	410	430	495	500	620
EXCAVATOR WEIGHT		ton 0,5-4,0	2,0-6,0	5,0-10,0	8,0-12,0	10,0-16,0	10,0-18,0	16,0-26,0
FORESTRY MACHINE		FT/F/T FT	FT	FT/F	FT/F	F/T	T	T
GRAPPLE WEIGHT		kg 56	88	145	195	275	290	500
MAX LOAD		kg 1500	2000	3500	3500	5000	5000	5000
MAX WORKING PRESSURE		Bar 200	250	250	250	250	250	250
CYLINDER FORCE		kN 35	78	126	126	160	196	237
GRIPPING FORCE ARMS TIP		kN 7	14	22	22	29	35	43
OPENING TIME 70L/MIN		s 0,2	0,3	0,7	0,5	0,8	1,3	1,5
CLOSING TIME 70L/MIN		s 0,3	0,5	0,8	0,9	1,3	1,8	2
ROTATOR CONNECTION *		B	D	D	C	C	C	H
ORDER CODE		DGE12	DGE20	DGE25	DGE28	DGE35	DGE42	DGE55



FT - forest trailer/ F - forwarder/ T - truck

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



DGE 12



DGE 20



DGE 25 - 55