

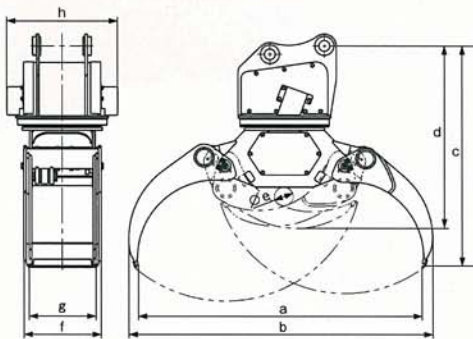
## Lumber Grapple



This purpose-specific grapple proves its effectiveness in forestry environmental management work.



- Powerful grappling and rotational torque.
- Lineup of solenoid valve type and 2-pedal type.



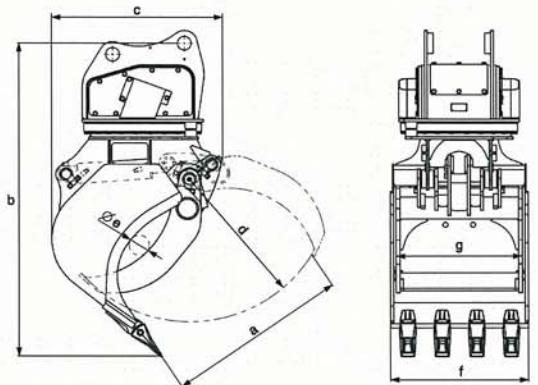
### Specifications

Item	Model	GPV40P	GPV40S	GPV60P	GPV60S	GPV65P	GPV65S	GPV120P	GPV120S
Control system		2-pedal type	Solenoid valve type	2-pedal type	Solenoid valve type	2-pedal type	Solenoid valve type	2-pedal type	Solenoid valve type
Weight (kg)		240	260	475	495	500	520	800	820
Rotational angle (°)		360		360		360		360	
Operating pressure (MPa)		20.6		20.6		20.6		20.6	
a: Max. opening width (mm)		1,430		1,720		1,720		2,010	
b: Overall length (mm)		1,530		1,845		1,845		2,165	
c: Overall height (mm)		1,100		1,335		1,350		1,590	
d: Min. height (mm)		930		1,120		1,140		1,335	
e: Min. grapping diameter (mm)		90		110		110		120	
f: Claw width (mm)		365		462		462		640	
g: Claw width (mm)		313		398		398		552	
h: Max. width (mm)		470		660		660		700	
Appropriate model (m <sup>3</sup> )		0.14~0.22		0.28~0.40		0.28~0.40		0.45~0.50	

## Hand Bucket



Digging, grappling and turning all in one attachment. Objects can be grappled and turned while digging.



### Specifications

Item	Model	HB120S
Control system		Solenoid valve type
Weight (kg)		820
Rotational angle (°)		360
Operating pressure (MPa)		20.6
Bucket capacity (m <sup>3</sup> )		0.40
a: Max. opening width (mm)		1,050
b: Overall length (mm)		1,835
c: Overall height (mm)		985
d: Claw length (mm)		835
e: Min. grapping diameter (mm)		120
f: Bucket width (mm)		800
g: Claw width (mm)		732
Appropriate model (m <sup>3</sup> )		0.45~0.50

