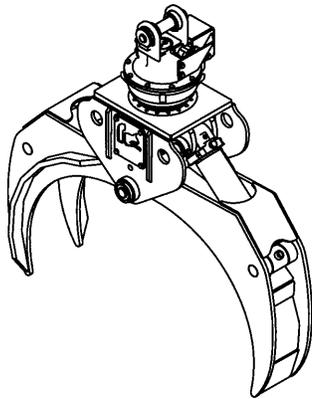




# Log grapple

## 4552HD with rotator RT-252



<b>Opening</b>	52 3/4 in. (1340 mm)
<b>Closing</b>	4 1/2 in. (114 mm)
<b>Volume</b>	.228 cord of 8 ft. wood
<b>Area tip to tip</b>	3.7 sq. ft. (.34 sq. meter)
<b>Rotator lifting capacity</b>	25000 lb (11340 kg)
<b>Torque at relief pressure</b>	16150 in.lb (1825 Nm) @ 1450 psi (100 bars)
<b>Steel* thickness</b>	3/4" (19 mm)
<b>Weight</b>	1520 lb (689 kg)

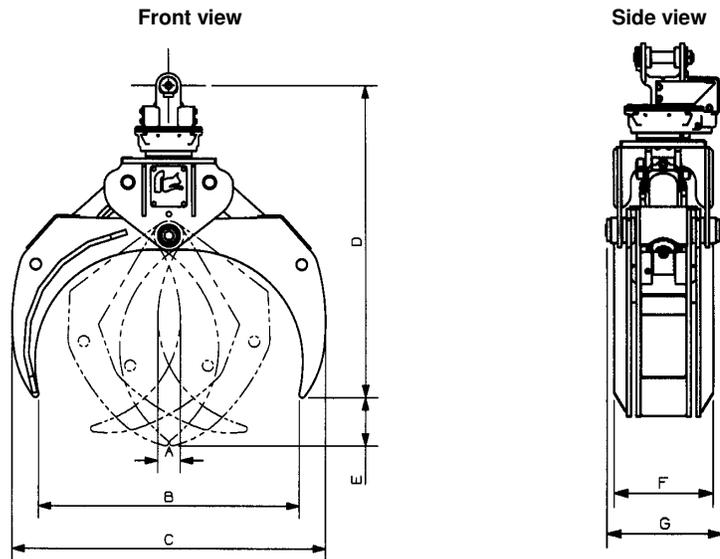
\*High tensile strength steel: 165,000 psi (1138 MPa)

<b>Rotator</b>	<b>Maximum pressure:</b> 5000 psi (345 bars)	<b>Recommended flow:</b> 9 gpm (34 l/min.)
Rotator recommended flow will produce a speed of 30 rpm.		

Cylinder	Diameter	Recommended pressure	Pressure range	Flow range	Lock valves
Standard	4" (102 mm)	3000 psi (207 bars)	2500 - 5000 psi (172 - 345 bars)	22 - 33 gpm (83 - 125 l/min.)	yes

Grapple cylinder maximum flow will theoretically produce a complete grapple open/close cycle in 4 seconds.

Reference	Dimension
A	4 1/2 in. (114 mm)
B	52 3/4 in. (1340 mm)
C	63 3/8 in. (1610 mm)
D	63 1/4 in. (1607 mm)
E	9 3/4 in. (248 mm)
F	17 1/2 in. (445 mm)
G	20 1/2 in. (521 mm)
H	



OPTIONS: Log protection package, including shaft on jaw tips and protection strips on jaw edges. Jaw tip modification to prevent log damage (available on heavy-duty models, standard on super-heavy-duty models). Impact protection relief valve.

web site: [www.rotobec.com](http://www.rotobec.com)

e-mail: [rotobec@rotobec.com](mailto:rotobec@rotobec.com)

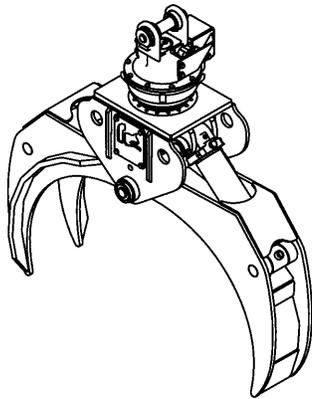
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# Log grapple

## 4552HD with rotator RT-322



<b>Opening</b>	52 3/4 in. (1340 mm)
<b>Closing</b>	4 1/2 in. (114 mm)
<b>Volume</b>	.228 cord of 8 ft. wood
<b>Area tip to tip</b>	3.7 sq. ft. (.34 sq. meter)
<b>Rotator lifting capacity</b>	32000 lb (14515 kg)
<b>Torque at relief pressure</b>	16150 in.lb (1825 Nm) @ 1450 psi (100 bars)
<b>Steel* thickness</b>	3/4" (19 mm)
<b>Weight</b>	1515 lb (687 kg)

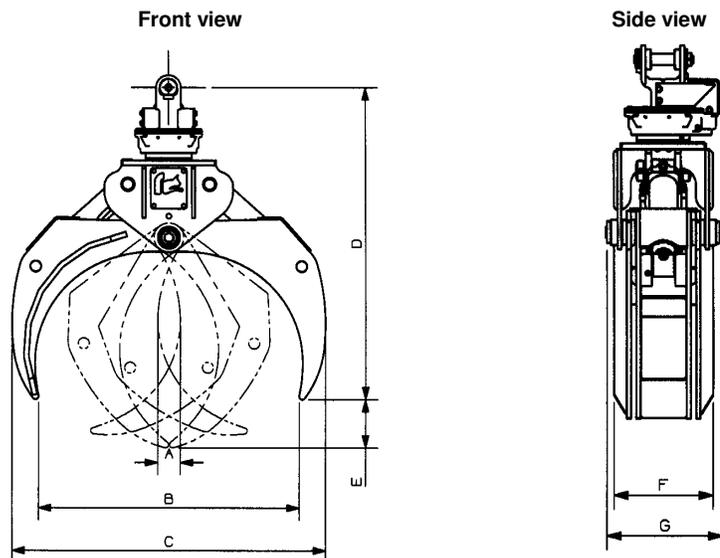
\*High tensile strength steel: 165,000 psi (1138 MPa)

<b>Rotator</b>	<b>Maximum pressure:</b> 5000 psi (345 bars)	<b>Recommended flow:</b> 9 gpm (34 l/min.)
Rotator recommended flow will produce a speed of 30 rpm.		

Cylinder	Diameter	Recommended pressure	Pressure range	Flow range	Lock valves
Standard	4" (102 mm)	3000 psi (207 bars)	2500 - 5000 psi (172 - 345 bars)	22 - 33 gpm (83 - 125 l/min.)	yes

Grapple cylinder maximum flow will theoretically produce a complete grapple open/close cycle in 4 seconds.

Reference	Dimension
A	4 1/2 in. (114 mm)
B	52 3/4 in. (1340 mm)
C	63 3/8 in. (1610 mm)
D	64 1/8 in. (1629 mm)
E	9 3/4 in. (248 mm)
F	17 1/2 in. (445 mm)
G	20 1/2 in. (521 mm)
H	



OPTIONS: Log protection package, including shaft on jaw tips and protection strips on jaw edges. Jaw tip modification to prevent log damage (available on heavy-duty models, standard on super-heavy-duty models). Impact protection relief valve.

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e-mail: [rotobec@rotobec.com](mailto:rotobec@rotobec.com)

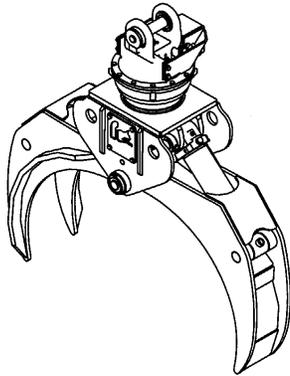
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# Log grapple

## 4552HD with rotator RT-504



<b>Opening</b>	52 3/4 in. (1340 mm)
<b>Closing</b>	4 1/2 in. (114 mm)
<b>Volume</b>	.228 cord of 8 ft. wood
<b>Area tip to tip</b>	3.7 sq. ft. (.34 sq. meter)
<b>Rotator lifting capacity</b>	50000 lb (22680 kg)
<b>Torque at relief pressure</b>	14910 in.lb (1685 Nm) @ 1160 psi (80 bars)
<b>Steel* thickness</b>	3/4" (19 mm)
<b>Weight</b>	1695 lb (769 kg)

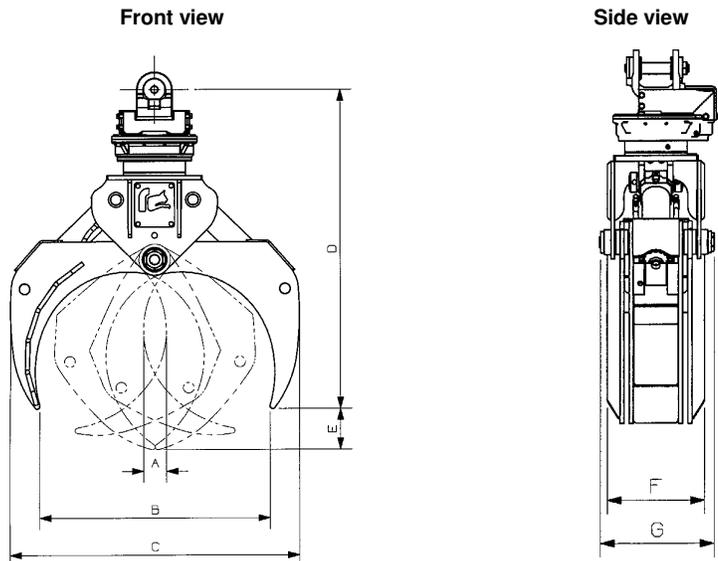
\*High tensile strength steel: 165,000 psi (1138 MPa)

<b>Rotator</b>	<b>Maximum pressure:</b> 5000 psi (345 bars)	<b>Recommended flow:</b> 9 gpm (34 l/min.)
Rotator recommended flow will produce a speed of 25 rpm.		

Cylinder	Diameter	Recommended pressure	Pressure range	Flow range	Lock valves
Standard	4" (102 mm)	3000 psi (207 bars)	2500 - 5000 psi (172 - 345 bars)	22 - 33 gpm (83 - 125 l/min.)	yes

Grapple cylinder maximum flow will theoretically produce a complete grapple open/close cycle in 4 seconds.

Reference	Dimension
A	4 1/2 in. (114 mm)
B	52 3/4 in. (1340 mm)
C	63 3/8 in. (1610 mm)
D	65 1/4 in. (1657 mm)
E	9 3/4 in. (248 mm)
F	17 1/2 in. (445 mm)
G	20 1/2 in. (521 mm)
H	



OPTIONS: RotoCut saw unit. Log protection package, including shaft on jaw tips and protection strips on jaw edges. Jaw tip modification to prevent log damage (available on heavy-duty models, standard on super-heavy-duty models). Impact protection relief valve.

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