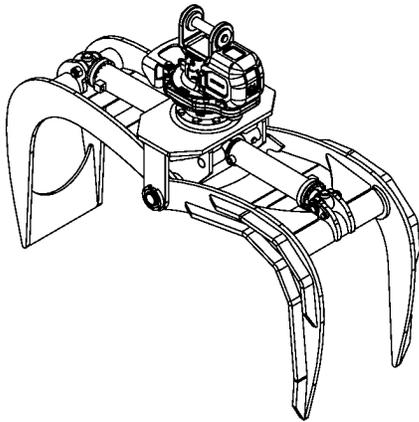




# Combination grapple

## 6006 with rotator RT-222



<b>Opening</b>	59 7/8 in. (1521 mm)
<b>Closing</b>	5 3/4 in. (146 mm)
<b>Volume</b>	.334 cord of 8 ft. wood
<b>Area tip to tip</b>	5.3 sq. ft. (.5 sq. meter)
<b>Rotator lifting capacity</b>	22000 lb (9980 kg)
<b>Torque at relief pressure</b>	10700 in.lb (1209 Nm) @ 913 psi (63 bars)
<b>Steel* thickness</b>	3/4" (19 mm)
<b>Weight</b>	1010 lb (458 kg)

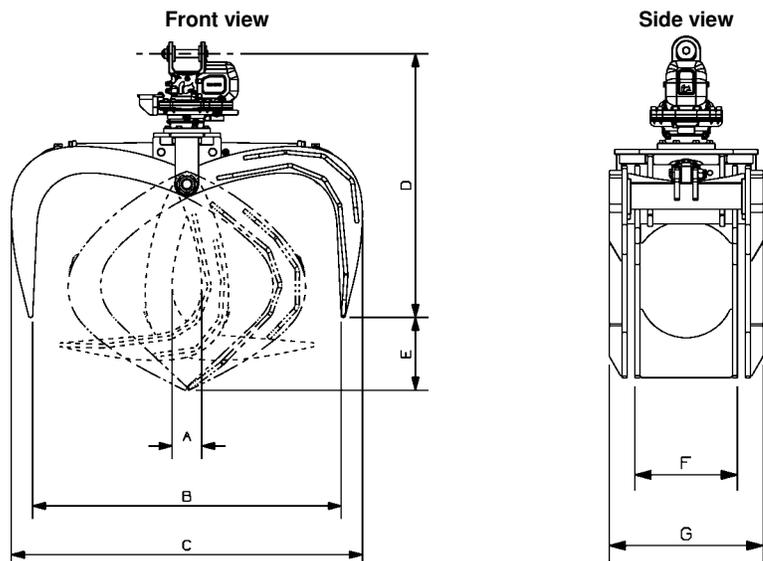
\*High tensile strength steel: 165,000 psi (1138 MPa)

<b>Rotator</b>	<b>Maximum pressure:</b> 5000 psi (345 bars)	<b>Recommended flow:</b> 10 gpm (38 l/min.)
Rotator recommended flow will produce a speed of 30 rpm.		

Cylinder	Diameter	Recommended pressure	Pressure range	Flow range	Lock valves
Standard	3 1/2" (89 mm)	2350 psi (162 bars)	2000 - 2700 psi (138 - 186 bars)	16 - 24 gpm (61 - 91 l/min.)	no
Standard	3" (76 mm)	3250 psi (224 bars)	2800 - 3700 psi (193 - 255 bars)	11 - 16 gpm (42 - 61 l/min.)	no

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

Reference	Dimension
A	5 3/4 in. (146 mm)
B	59 7/8 in. (1521 mm)
C	68 1/4 in. (1734 mm)
D	51 3/8 in. (1305 mm)
E	14 1/8 in. (359 mm)
F	16 in. (406 mm)
G	24 in. (610 mm)
H	



OPTIONS: Leveling plate. Knife to close wide jaw. Log protection package, including shaft on jaw tips and protection strips on jaw edges. Jaw tip modification to prevent log damage. Impact protection relief valve available on certain models (check with factory).

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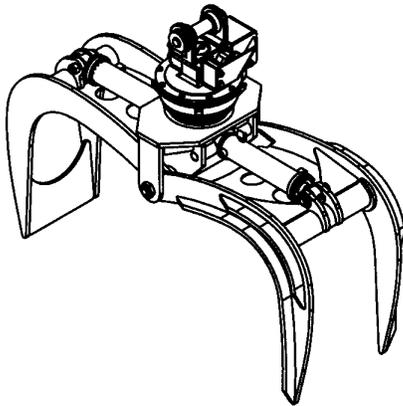
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# Combination grapple

## 6006 with rotator RT-252



<b>Opening</b>	59 7/8 in. (1521 mm)
<b>Closing</b>	5 3/4 in. (146 mm)
<b>Volume</b>	.334 cord of 8 ft. wood
<b>Area tip to tip</b>	5.3 sq. ft. (.5 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>	1045 lb (474 kg)

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

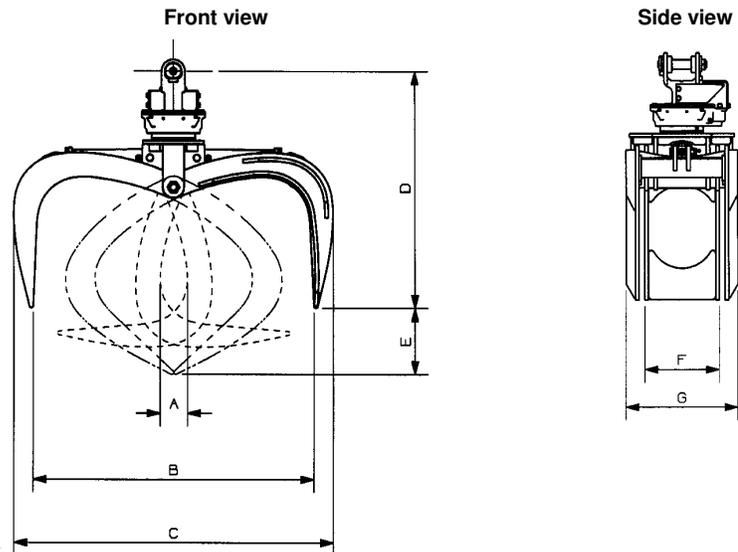
<b>Rotator</b>	<b>Maximum pressure:</b> 5000 psi (345 bars)	<b>Recommended flow:</b> 9 gpm (34 l/min.)
Rotator recommended flow will produce a speed of 30 rpm.		

Cylinder	Diameter	Recommended pressure	Pressure range	Flow range	Lock valves
Standard	3 1/2" (89 mm)	2350 psi (162 bars)	2000 - 2700 psi (138 - 186 bars)	16 - 24 gpm (61 - 91 l/min.)	no
Standard	3" (76 mm)	3250 psi (224 bars)	2800 - 3700 psi (193 - 255 bars)	11 - 16 gpm (42 - 61 l/min.)	no

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

### Reference Dimension

<b>A</b>	5 3/4 in. (146 mm)
<b>B</b>	59 7/8 in. (1521 mm)
<b>C</b>	68 1/4 in. (1734 mm)
<b>D</b>	50 3/4 in. (1289 mm)
<b>E</b>	14 1/8 in. (359 mm)
<b>F</b>	16 in. (406 mm)
<b>G</b>	24 in. (610 mm)
<b>H</b>	



OPTIONS: Leveling plate. Knife to close wide jaw. Log protection package, including shaft on jaw tips and protection strips on jaw edges. Jaw tip modification to prevent log damage. Impact protection relief valve available on certain models (check with factory).

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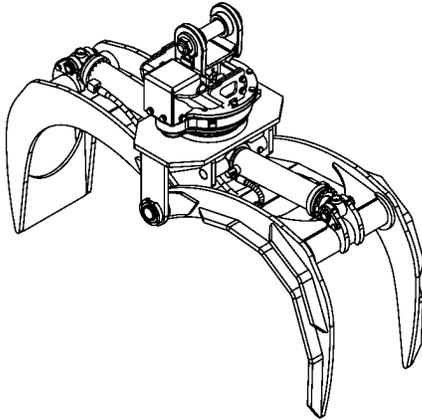
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# Combination grapple

## 6006 with rotator RT-322



<b>Opening</b>	59 7/8 in. (1521 mm)
<b>Closing</b>	5 3/4 in. (146 mm)
<b>Volume</b>	.334 cord of 8 ft. wood
<b>Area tip to tip</b>	5.3 sq. ft. (.5 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>	1085 lb (492 kg)

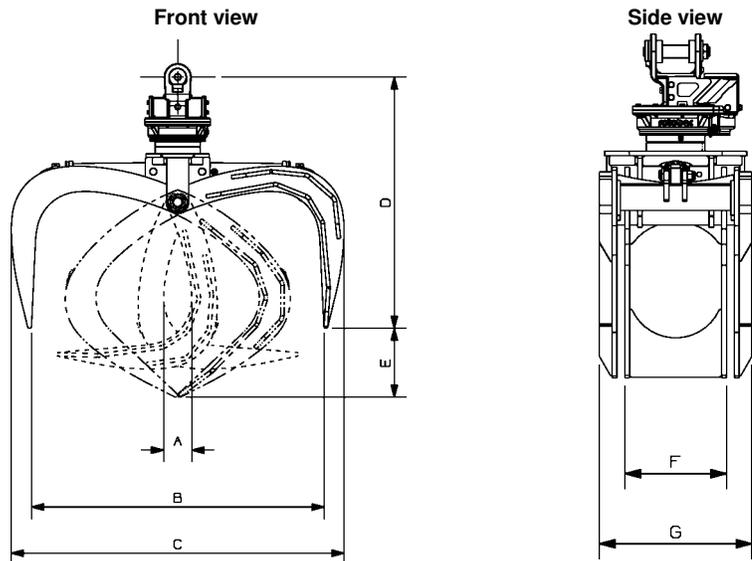
\*High tensile strength steel: 165,000 psi (1138 MPa)

<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	3 1/2" (89 mm)	2350 psi (162 bars)	2000 - 2700 psi (138 - 186 bars)	16 - 24 gpm (61 - 91 l/min.)	no
Standard	3" (76 mm)	3250 psi (224 bars)	2800 - 3700 psi (193 - 255 bars)	11 - 16 gpm (42 - 61 l/min.)	no

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

Reference	Dimension
A	5 3/4 in. (146 mm)
B	59 7/8 in. (1521 mm)
C	68 1/4 in. (1734 mm)
D	51 5/8 in. (1311 mm)
E	14 1/8 in. (359 mm)
F	16 in. (406 mm)
G	24 in. (610 mm)
H	



OPTIONS: Leveling plate. Knife to close wide jaw. Log protection package, including shaft on jaw tips and protection strips on jaw edges. Jaw tip modification to prevent log damage. Impact protection relief valve available on certain models (check with factory).

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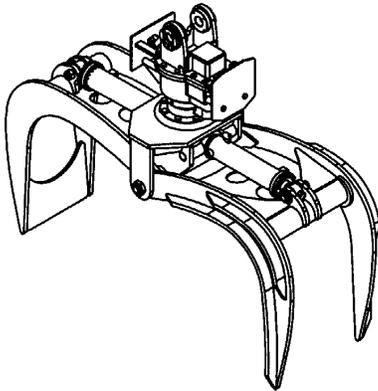
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# Combination grapple

## 6006 with rotator R-9150



<b>Opening</b>	59 7/8 in. (1521 mm)
<b>Closing</b>	5 3/4 in. (146 mm)
<b>Volume</b>	.334 cord of 8 ft. wood
<b>Area tip to tip</b>	5.3 sq. ft. (.5 sq. meter)
<b>Rotator lifting capacity</b>	18000 lb (8165 kg)
<b>Torque at relief pressure</b>	8450 in.lb (955 Nm) @ 913 psi (63 bars)
<b>Steel* thickness</b>	3/4" (19 mm)
<b>Weight</b>	995 lb (451 kg)

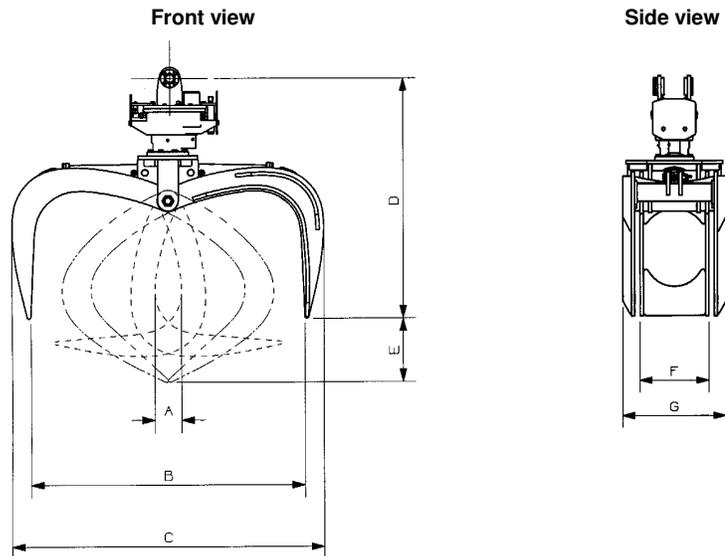
\*High tensile strength steel: 165,000 psi (1138 MPa)

<b>Rotator</b>	<b>Maximum pressure:</b> 4000 psi (276 bars)	<b>Recommended flow:</b> 8 gpm (30 l/min.)
Rotator recommended flow will produce a speed of 30 rpm.		

Cylinder	Diameter	Recommended pressure	Pressure range	Flow range	Lock valves
Standard	3 1/2" (89 mm)	2350 psi (162 bars)	2000 - 2700 psi (138 - 186 bars)	16 - 24 gpm (61 - 91 l/min.)	no
Standard	3" (76 mm)	3250 psi (224 bars)	2800 - 3700 psi (193 - 255 bars)	11 - 16 gpm (42 - 61 l/min.)	no

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

Reference	Dimension
A	5 3/4 in. (146 mm)
B	59 7/8 in. (1521 mm)
C	68 1/4 in. (1734 mm)
D	53 in. (1346 mm)
E	14 1/8 in. (359 mm)
F	16 in. (406 mm)
G	24 in. (610 mm)
H	



OPTIONS: Leveling plate. Knife to close wide jaw. Log protection package, including shaft on jaw tips and protection strips on jaw edges. Jaw tip modification to prevent log damage. Impact protection relief valve available on certain models (check with factory).

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