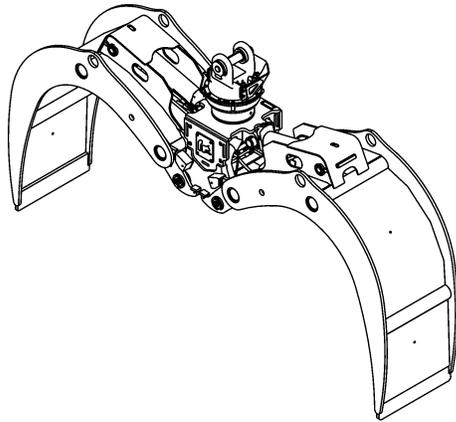




# Pulpwood grapple

## 145P with rotator RT-504-HT



<b>Opening</b>	111 in. (2819 mm)
<b>Closing</b>	57 3/4 in. (1467 mm)
<b>Volume</b>	1.00 cord of 8 ft. wood
<b>Area tip to tip</b>	16 sq. ft. (1.49 sq. meter)
<b>Rotator lifting capacity</b>	50000 lb (22680 kg)
<b>Torque at relief pressure</b>	23260 in.lb (2628 Nm) @ 1810 psi (125 bars)
<b>Steel* thickness</b>	3/4" (19 mm)
<b>Weight</b>	2920 lb (1325 kg)

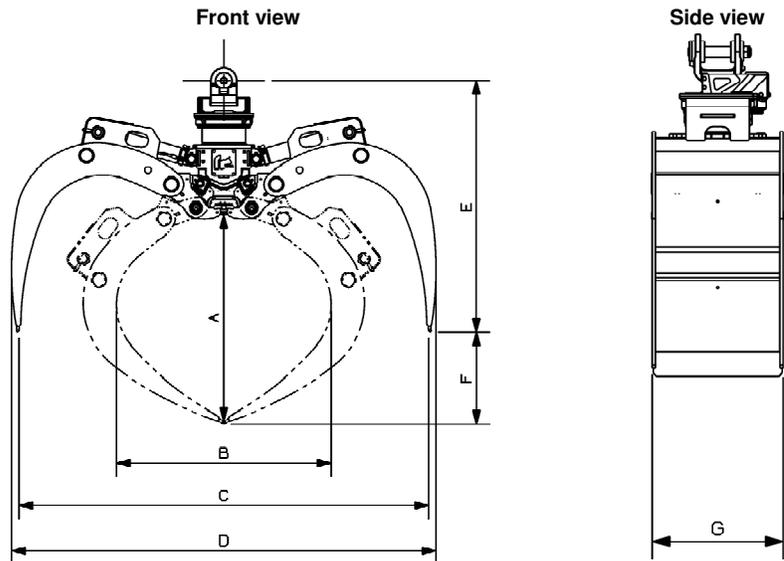
\*High tensile strength steel: 165,000 psi (1138 MPa)

<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	3 1/2" (89 mm)	4250 psi (293 bars)	3500 - 5000 psi (241 - 345 bars)	19 - 28 gpm (72 - 106 l/min.)	yes

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

Reference	Dimension
A	56 in. (1422 mm)
B	57 3/4 in. (1467 mm)
C	111 in. (2819 mm)
D	115 3/4 in. (2940 mm)
E	68 in. (1727 mm)
F	26 in. (660 mm)
G	30 in. (762 mm)
H	



OPTIONS: Leveling plate 130 lb, one side only. Chain 170 lb. Standard with hydraulic synchronization system, and replaceable weld-on cutting edges.

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

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

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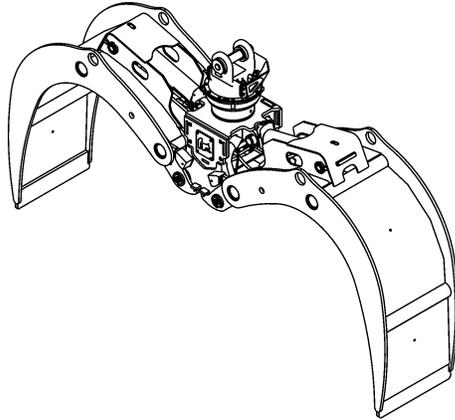
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**ROTOBEC™**

# Pulpwood grapple

## 145P with rotator RT-1004-HT



<b>Opening</b>	111 in. (2819 mm)
<b>Closing</b>	57 3/4 in. (1467 mm)
<b>Volume</b>	1.00 cord of 8 ft. wood
<b>Area tip to tip</b>	16 sq. ft. (1.49 sq. meter)
<b>Rotator lifting capacity</b>	100000 lb (45360 kg)
<b>Torque at relief pressure</b>	27910 in.lb (3154 Nm) @ 1810 psi (125 bars)
<b>Steel* thickness</b>	3/4" (19 mm)
<b>Weight</b>	3160 lb (1433 kg)

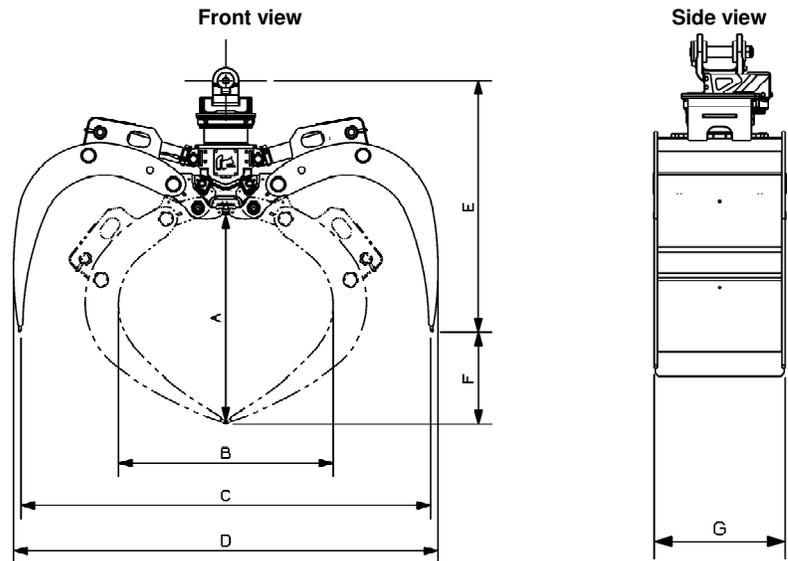
\*High tensile strength steel: 165,000 psi (1138 MPa)

<b>Rotator</b>	<b>Maximum pressure:</b> 5000 psi (345 bars)	<b>Recommended flow:</b> 8 gpm (30 l/min.)
Rotator recommended flow will produce a speed of 20 rpm.		

Cylinder	Diameter	Recommended pressure	Pressure range	Flow range	Lock valves
Standard	3 1/2" (89 mm)	4250 psi (293 bars)	3500 - 5000 psi (241 - 345 bars)	19 - 28 gpm (72 - 106 l/min.)	yes

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

Reference	Dimension
A	56 in. (1422 mm)
B	57 3/4 in. (1467 mm)
C	111 in. (2819 mm)
D	115 3/4 in. (2940 mm)
E	71 in. (1803 mm)
F	26 in. (660 mm)
G	30 in. (762 mm)
H	



OPTIONS: Leveling plate 130 lb, one side only. Chain 170 lb. Standard with hydraulic synchronization system, and replacable weld-on cutting edges.

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