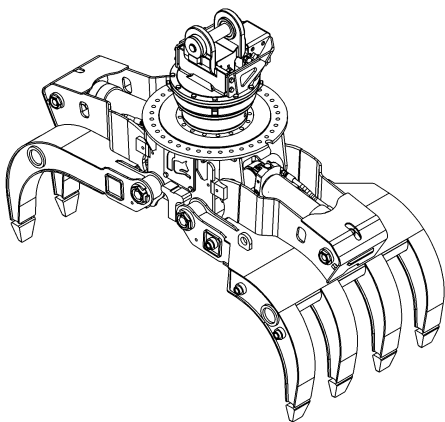




Power Attachment

RPA3045R with rotator RT-322



Opening	70 in. (1778 mm)
Closing	4 1/2 in. (114 mm)
Volume	.251 cord of 8 ft. wood
Area tip to tip	4 sq. ft. (.37 sq. meter)
Rotator lifting capacity	32000 lb (14515 kg)
Torque at relief pressure	16150 in.lb (1825 Nm) @ 1450 psi (100 bars)
Steel* thickness	1/4" (6 mm)
Weight	1775 lb (805 kg)

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

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

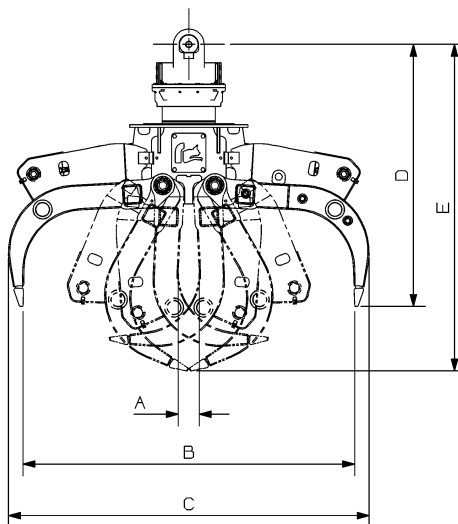
Cylinder	Diameter	Recommended pressure	Pressure range	Flow range	Lock valves
Standard	3 1/2" (89 mm)	4000 psi (276 bars)	3000 - 5000 psi (207 - 345 bars)	14 - 20 gpm (53 - 76 l/min.)	no

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

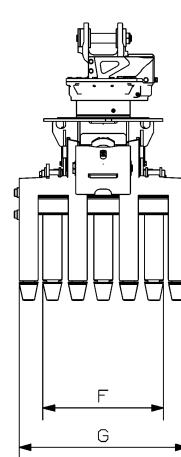
Reference Dimension

A	4 1/2 in. (114 mm)
B	70 in. (1778 mm)
C	76 1/8 in. (1934 mm)
D	54 1/8 in. (1375 mm)
E	67 3/4 in. (1721 mm)
F	25 3/8 in. (645 mm)
G	35 3/8 in. (899 mm)
H	
I	
J	
K	

Front view



Side view



OPTIONS: RotoCut saw unit. Mini heel set, one on each side of grapple head.

web site: www.rotobec.com

e-mail: rotobec@rotobec.com

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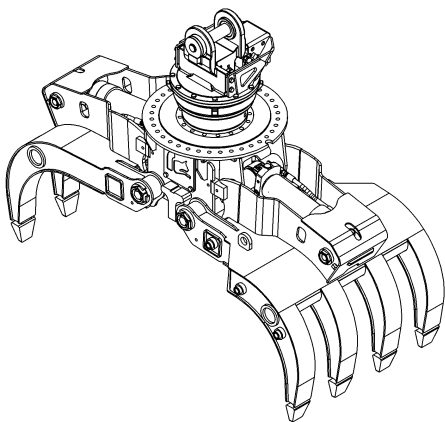
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V.06/2009



Power Attachment

RPA3045R with rotator RT-504



Opening	70 in. (1778 mm)
Closing	4 1/2 in. (114 mm)
Volume	.251 cord of 8 ft. wood
Area tip to tip	4 sq. ft. (.37 sq. meter)
Rotator lifting capacity	50000 lb (22680 kg)
Torque at relief pressure	18630 in.lb (2105 Nm) @ 1450 psi (100 bars)
Steel* thickness	1/4" (6 mm)
Weight	1910 lb (866 kg)

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

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

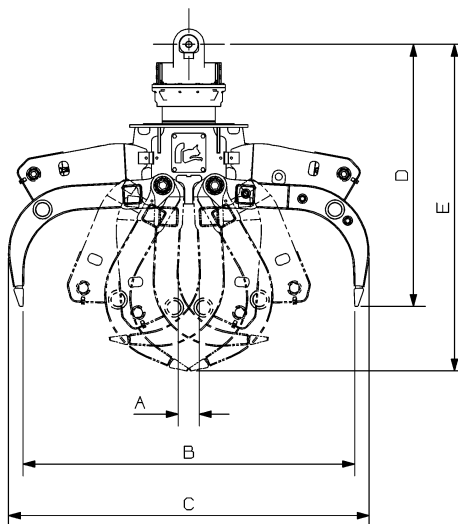
Cylinder	Diameter	Recommended pressure	Pressure range	Flow range	Lock valves
Standard	3 1/2" (89 mm)	4000 psi (276 bars)	3000 - 5000 psi (207 - 345 bars)	14 - 20 gpm (53 - 76 l/min.)	no

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

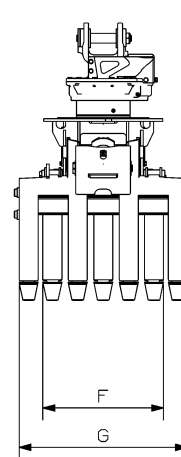
Reference Dimension

A	4 1/2 in. (114 mm)
B	70 in. (1778 mm)
C	76 1/8 in. (1934 mm)
D	55 1/4 in. (1403 mm)
E	68 7/8 in. (1749 mm)
F	25 3/8 in. (645 mm)
G	35 3/8 in. (899 mm)
H	
I	
J	
K	

Front view



Side view



OPTIONS: RotoCut saw unit. Mini heel set, one on each side of grapple head.

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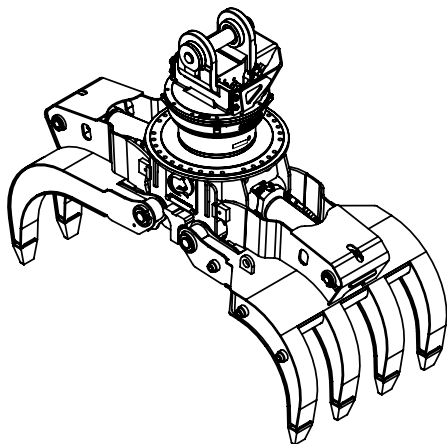
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Power Attachment RPA3045R RT-1004

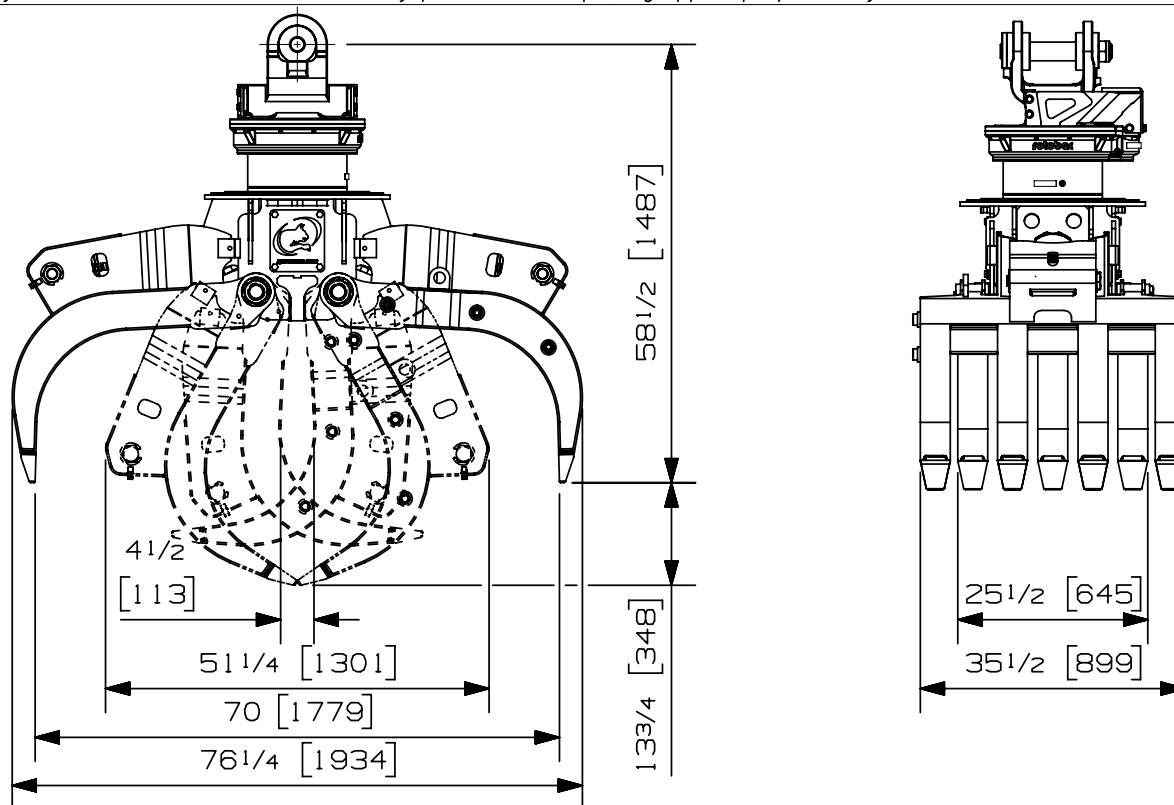


Max load:	14000 lb	6350 kg
Volume:	.25 cord 8 ft	1.81 m ³
Area tip to tip:	4.00 ft ²	.37 m ²
Rotator lifting capacity:	100000 lb	45359 kg
Torque at relief pressure:	22360 lb/in	2526 Nm
	1450 psi	100 bars
Weight:	2180 lb	989 kg

Rotator	Maximum pressure: 5000 psi 345 bars	Recommended flow: 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)	4000 psi (276 bars)	3000-5000 psi (207-345 bars)	14-20 gpm (53-76 l/min.)	no

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



Options:

- Rotocut saw unit.
- Mini heel set, one on each side of grapple head.
- Counterbalance valve.

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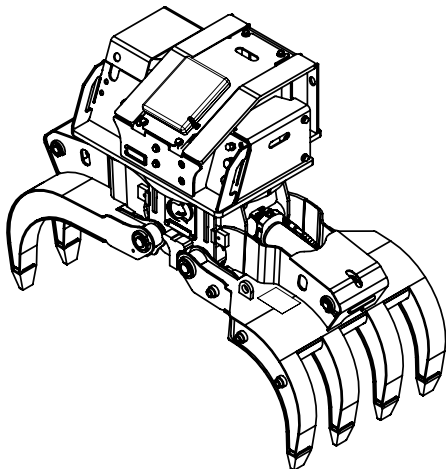
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07001-8989
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Power Attachment RPA3045R RGP-902

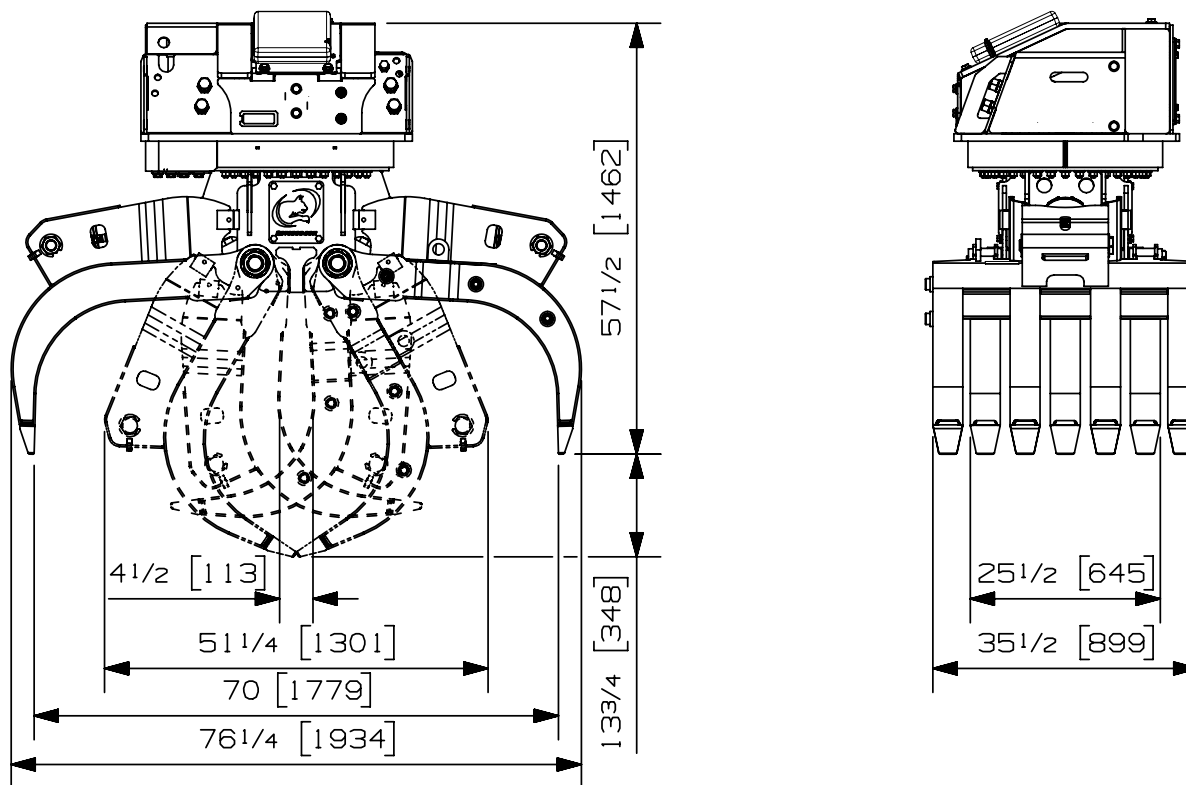


Max load:	14000 lb	6350 kg
Volume:	.25 cord 8 ft	1.81 m ³
Area tip to tip:	4.00 ft ²	.37 m ²
Rotator lifting capacity:	90000 lb	40823 kg
Torque at relief pressure:	148710 lb/in	16802 Nm
	2200 psi	152 bars
Weight:	2695 lb	1222 kg

Rotator	Maximum pressure: 5000 psi 345 bars	Recommended flow: 28 gpm 106 l/min
Rotator recommended flow will produce a speed of 15 rpm		

Cylinder	Diameter	Recommended pressure	Pressure range	Flow range	Lock valves
Standard	3 1/2" (89 mm)	4000 psi (276 bars)	3000-5000 psi (207-345 bars)	14-20 gpm (53-76 l/min.)	no

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



Options:

- Custom lugging on rotator.
- Mini heel set, one on each side of grapple head.
- Float on swing motor.
- Counterbalance valve.
- Installation kit.
- Positioning cylinder kit, including bracket.
- 2 functions valve on swivel.

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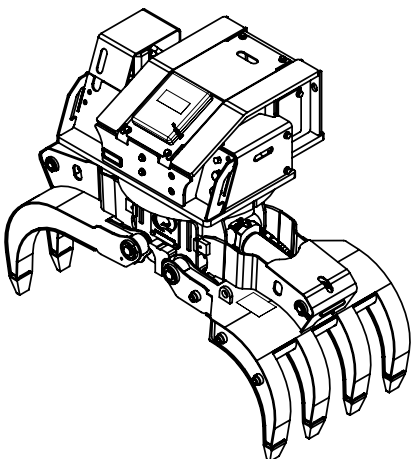
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07002-6460
 20/06/13 **A.C.**



Power Attachment

RPA3045R RGP-1302

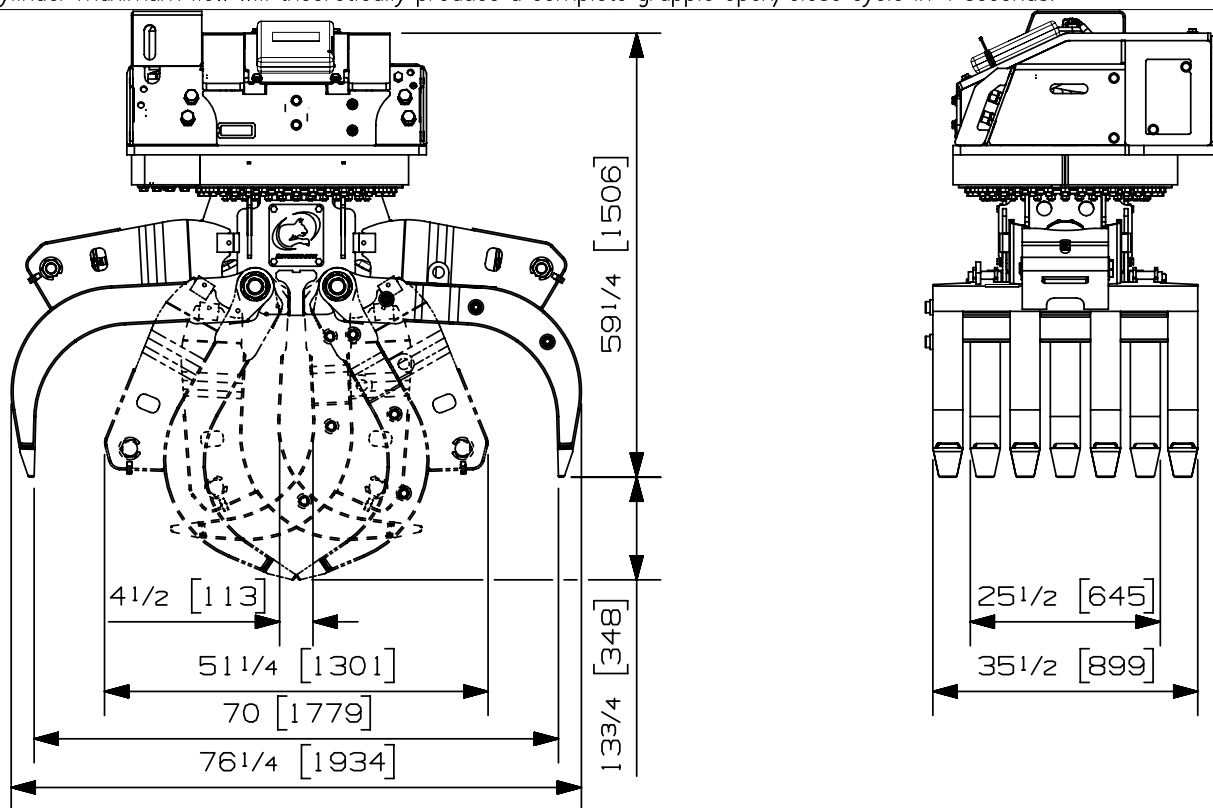


Max load:	14000 lb	6350 kg
Volume:	.25 cord 8 ft	1.81 m ³
Area tip to tip:	4.00 ft ²	.37 m ²
Rotator lifting capacity:	130000 lb	58967 kg
Torque at relief pressure:	176750 lb/in	19970 Nm
	2200 psi	152 bars
Weight:	3175 lb	1440 kg

Rotator	Maximum pressure: 5000 psi 345 bars	Recommended flow: 33 gpm 125 l/min
Rotator recommended flow will produce a speed of 15 rpm		

Cylinder	Diameter	Recommended pressure	Pressure range	Flow range	Lock valves
Standard	3 1/2" (89 mm)	4000 psi (276 bars)	3000-5000 psi (207-345 bars)	14-20 gpm (53-76 l/min.)	no

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



Options:

- Custom lugging on rotator.
- Mini heel set, one on each side of grapple head.
- Float on swing motor.
- Counterbalance valve.
- Installation kit.
- Positioning cylinder kit, including bracket.
- 2 functions valve on swivel.

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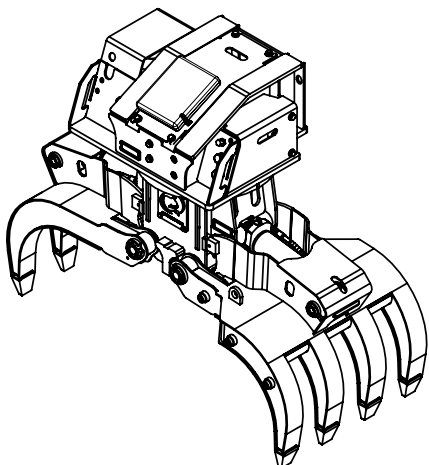
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07001-8719
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Power Attachment

RPA3045R RGP-904

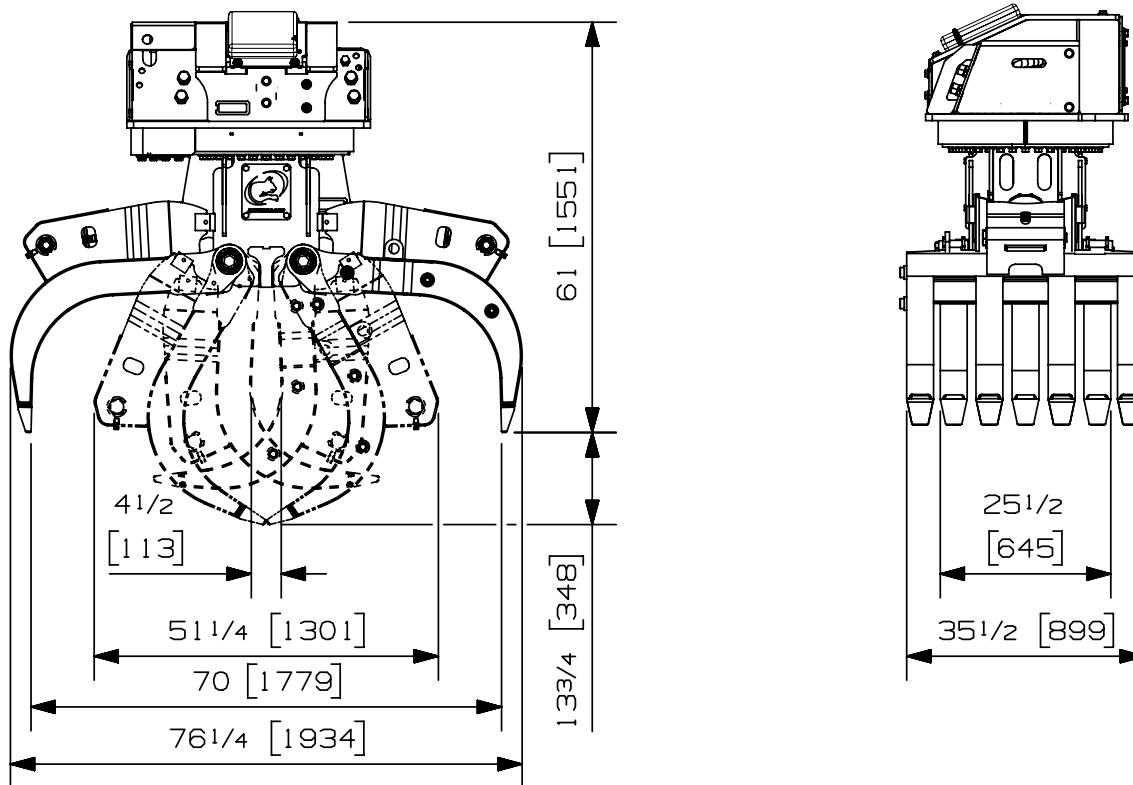


Max load:	14000 lb	6350 kg
Volume:	.25 cord 8 ft	1.81 m ³
Area tip to tip:	4.00 ft ²	.37 m ²
Rotator lifting capacity:	90000 lb	40823 kg
Torque at relief pressure:	148710 lb/in	16802 Nm
	2200 psi	152 bars
Weight:	2745 lb	1245 kg

Rotator	Maximum pressure: 5000 psi 345 bars	Recommended flow: 28 gpm 106 l/min
Rotator recommended flow will produce a speed of 15 rpm		

Cylinder	Diameter	Recommended pressure	Pressure range	Flow range	Lock valves
Standard	3 1/2" (89 mm)	4000 psi (276 bars)	3000-5000 psi (207-345 bars)	14-20 gpm (53-76 l/min.)	no

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



Options:

- Custom lugging on rotator.
- Mini heel set, one on each side of grapple head.
- Float on swing motor.
- Rotobec saw unit.
- Installation kit.
- Positioning cylinder kit, including bracket.
- 3 functions valve on swivel.
- Counterbalance valve.

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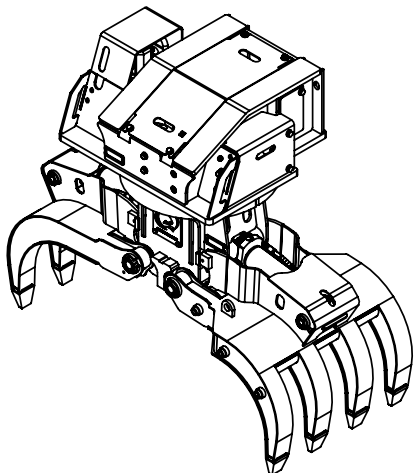
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07002-5132
 20/06/13 **A.C.**



Power Attachment

RPA3045R RGP-1304

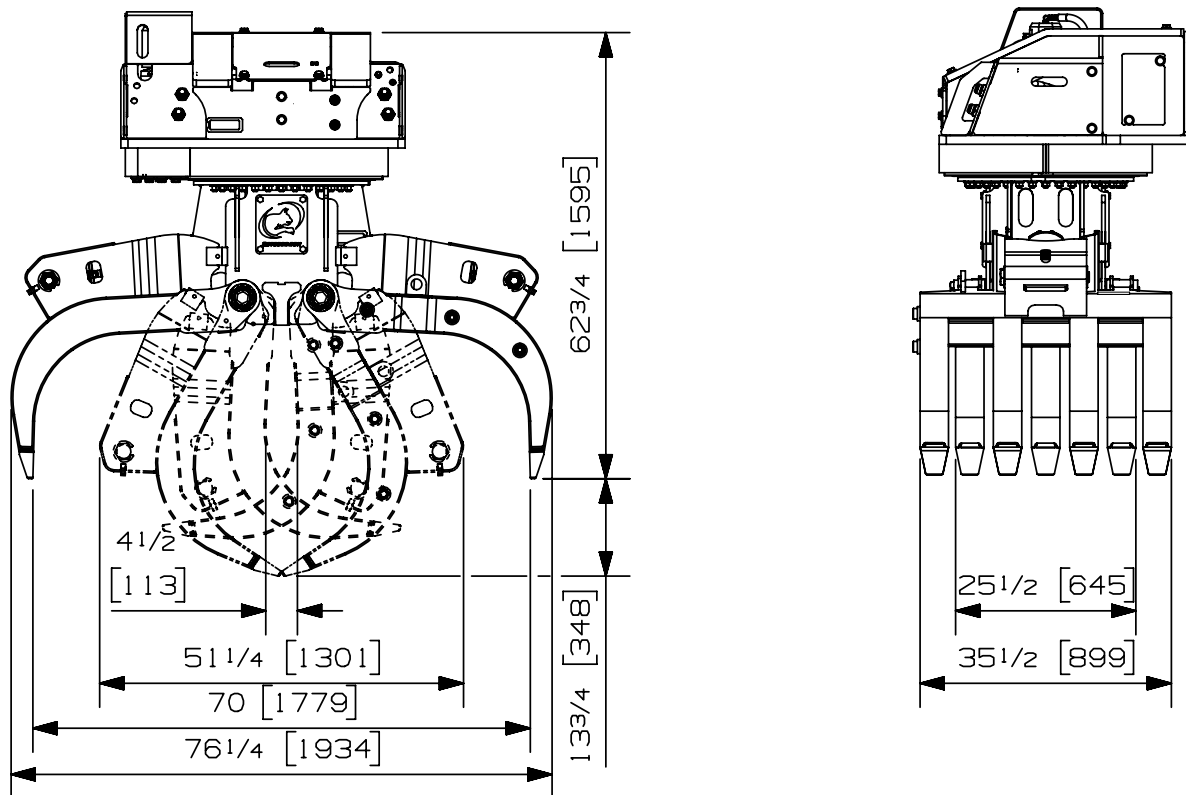


Max load:	14000 lb	6350 kg
Volume:	.25 cord 8 ft	1.81 m ³
Area tip to tip:	4.00 ft ²	.37 m ²
Rotator lifting capacity:	130000 lb	58967 kg
Torque at relief pressure:	176750 lb/in	19970 Nm
	2200 psi	152 bars
Weight:	3225 lb	1463 kg

Rotator	Maximum pressure: 5000 psi 345 bars	Recommended flow: 33 gpm 125 l/min
Rotator recommended flow will produce a speed of 15 rpm		

Cylinder	Diameter	Recommended pressure	Pressure range	Flow range	Lock valves
Standard	3 1/2" (89 mm)	4000 psi (276 bars)	3000-5000 psi (207-345 bars)	14-20 gpm (53-76 l/min.)	no

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



Options:

- Custom lugging on rotator.
- Mini heel set, one on each side of grapple head.
- Float on swing motor.
- Rotocut saw unit.
- Installation kit.
- Positioning cylinder kit, including bracket.
- 3 functions valve on swivel.
- Counterbalance valve.

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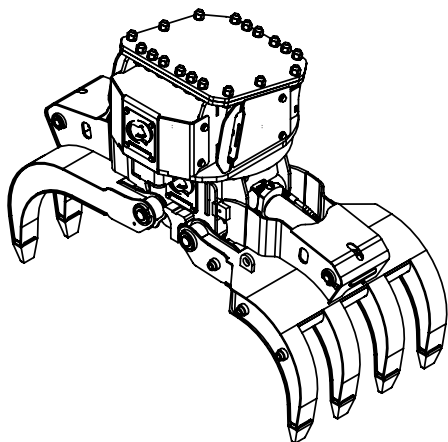
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Power Attachment RPA3045R RLP-902

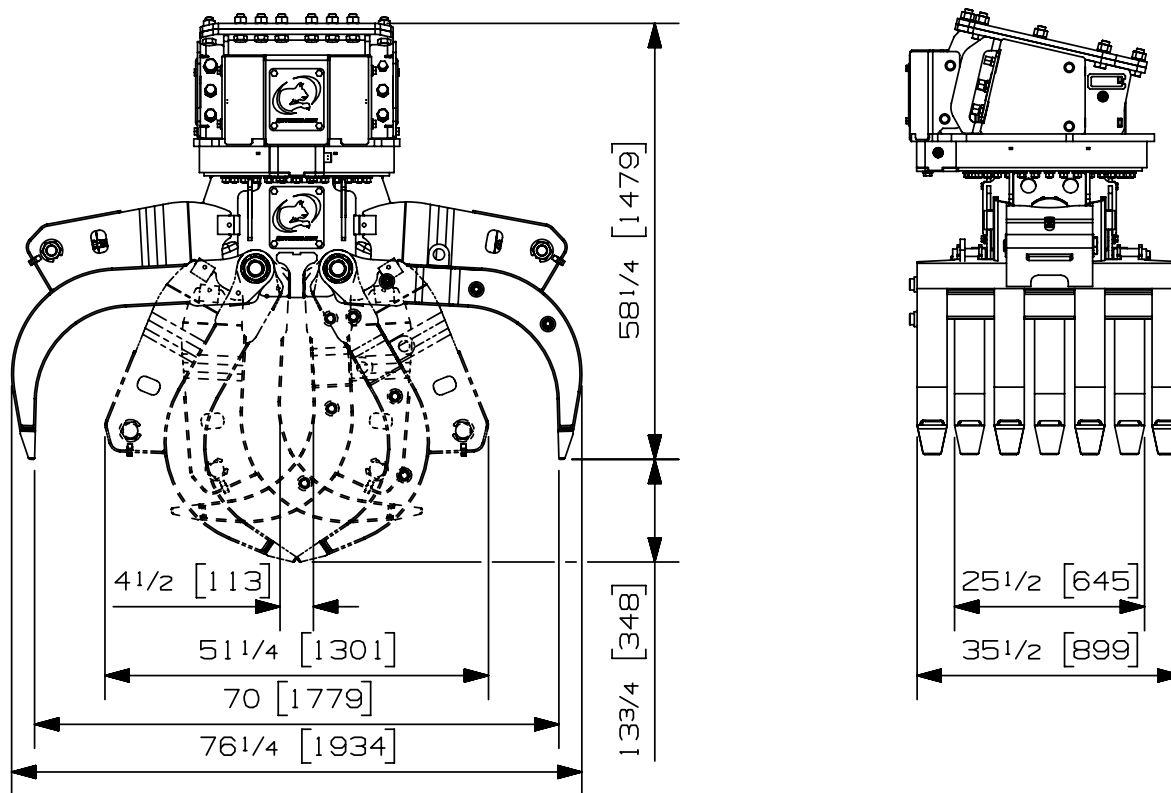


Max load:	14000 lb	6350 kg
Volume:	.25 cord 8 ft	1.81 m ³
Area tip to tip:	4.00 ft ²	.37 m ²
Rotator lifting capacity:	90000 lb	40823 kg
Torque at relief pressure:	51150 lb/in 1800 psi	5779 Nm 124 bars
Weight:	2560 lb	1161 kg

Rotator	Maximum pressure: 5000 psi 345 bars	Recommended flow: 12 gpm 45 l/min
Rotator recommended flow will produce a speed of 15 rpm		

Cylinder	Diameter	Recommended pressure	Pressure range	Flow range	Lock valves
Standard	3 1/2" (89 mm)	4000 psi (276 bars)	3000-5000 psi (207-345 bars)	14-20 gpm (53-76 l/min.)	no

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



Options:

- Custom lugging on rotator.
- Mini heel set, one on each side of grapple head.
- Float on swing motor.
- Counterbalance valve.
- Installation kit.
- Positioning cylinder kit, including bracket.
- 2 functions valve on swivel.

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