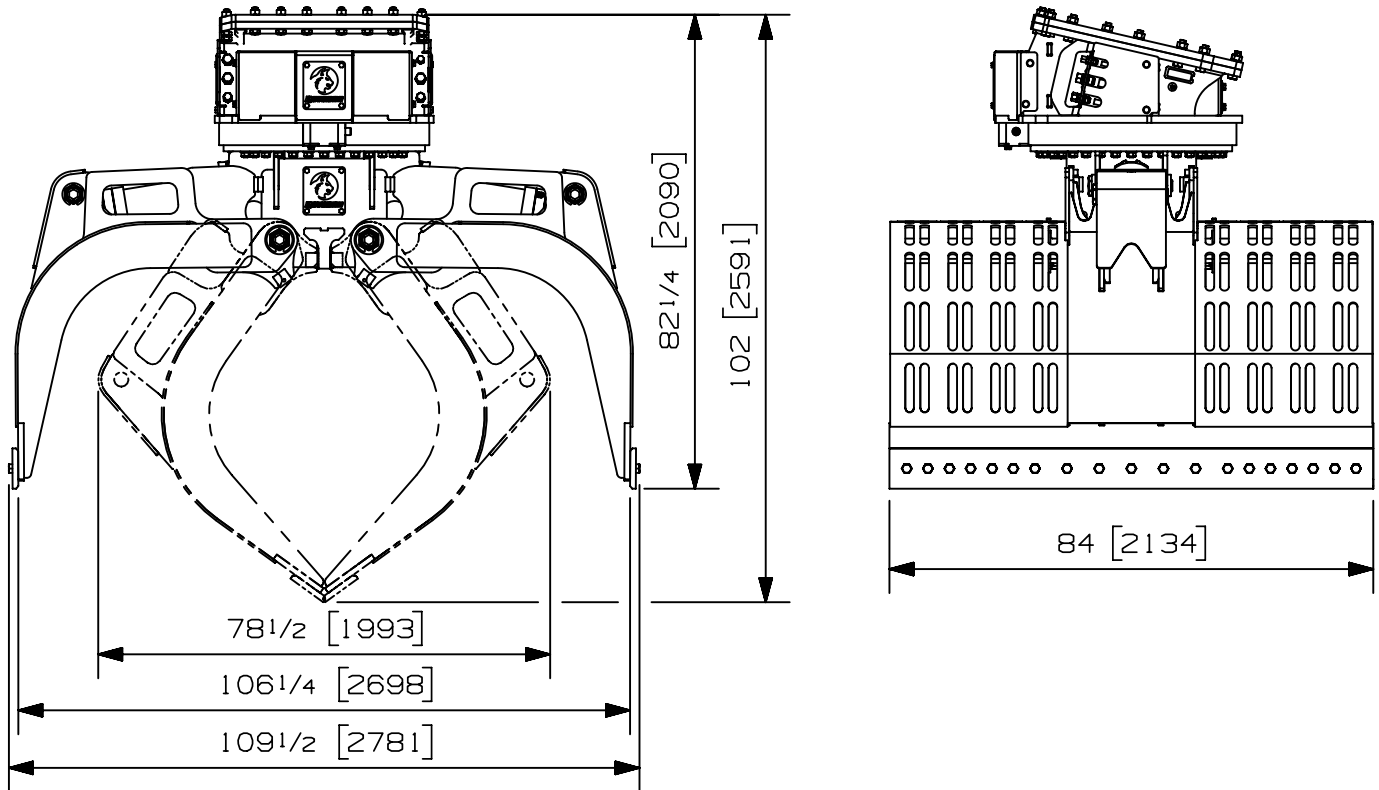


Max load:	- lb	- kg
Volume:	5.90-7.80 y <sup>3</sup>	4.51-5.96 m <sup>3</sup>
Area tip to tip:	15.05 ft <sup>2</sup>	1.40 m <sup>2</sup>
Rotator lifting capacity:	170000 lb	77111 kg
Torque at relief pressure:	73230 lb-in	8274 Nm
	1800 psi	124 bars
Weight:	8030 lb	3642 kg

Rotator	Maximum pressure: 5000 psi	345 bars	Recommended flow: 13 gpm	49 l/min
Rotator recommended flow will produce a maximum speed of 12 rpm				

Cylinder	Diameter	Recommended pressure	Pressure range	Flow range	Lock valves
Standard	4 1/2 " (114 mm)	4000 psi (276 bars)	3000 - 5000 psi (207-345 bars)	29 - 41 gpm (110-155 l/min.)	No

Grapple cylinder maximum flow will theoretically produce a complete grapple open/close cycle in 5 seconds.



Options:

- Load Holding valve (20 lbs / 9 kg)
- 
- 
- 

Volume: The first value is calculated with a spillover factor of 1.5 and the second one with a compaction factor of 2.0

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