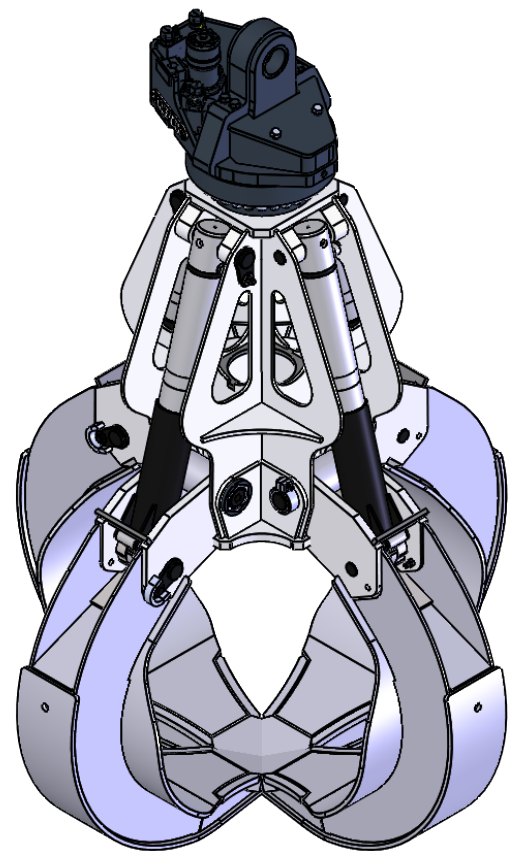


#### 1 1/4 YD GRAPPLE

Open	93.50 "	2374.9mm
Capacity	1 1/4 yd³	0.96 m³
Cylinder bore	3 "	76mm
Lock valve on cylinders	Excluded	
Cylinder max. pressure	5000 psi	345 bar
Weight (with rotation)	3450 lb	1565 kg

#### 150/160 SERIES DANGLING ROTATOR

Rotation	Unlimited	
Max axial load	112 000 lbs	50 900 kg
Rotation max. pressure	1 450 psi	100 bar
Torque at max. pressure	21 900 lb-in	2 474 Nm
Rotator flow	8-10 gpm	30-40 l/min
Rotation speed	15 rpm	
Weight	885 lb	400 kg



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