RAZORGAGE SAW SYSTEMS

CYCLONE 600 UPCUT SAW

The <u>Cyclone 600 Upcut Saw</u> from RazorGage is one of the <u>safest</u>, most rugged and precise upcut saws on the market. This industrial upcut saw provides razor sharp cuts, 20 inches wide, with virtually no tearout. Use the Cyclone 600 to cut wood and other materials, or use it as an upcut aluminum saw. Our products consistently outperform the competition, and we pride ourselves on the quality of our materials and components.





BETTER By Design

RazorGage saws and saw systems are built with superior hardware designed to last. The saw blade on the Cyclone 600 upcut saw, mounts directly to a 7.5 HP Baldor spindle motor, that glides on machine tool grade, recirculating ball linear bearings, for ultimate rigidity and simplicity. There are no belts that can wear out. Intelligent Frequency Drive controls the saw blade RPM and requires no air logic to operate.

Features

- Cuts materials up to 1" x 20" or 6" x 6"
- 16" fence and table surface on both sides of the upcut saw blade
- Patented Safe-T-Crowders improve safety
- Electronic braking
- Saw blade access panel bolt kills power & air when loosened
- Direct drive NO BELTS!
- Leveling pads are included and the design allows for easy floor anchoring
- Improved motor mount design with substantial steel construction and linear bearings

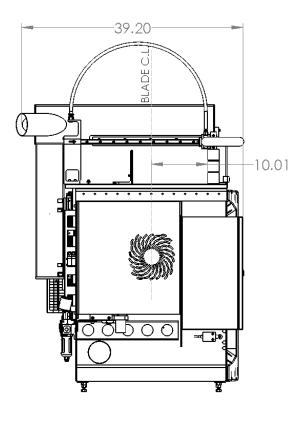
Cyclone 600 Upcut Saw Specifications

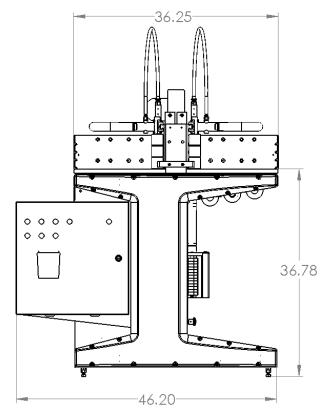
Motor Specs 7.5 hp (enclosed fan cooled) available in 208-230-460Vac 3-phase Power Source 230 VAC, 3 phase, 30 Amps 460 VAC, 3 phase, 20 Amps 460 VAC, 3 phase, 20 Amps Exhaust Port Two 4" diameter (102 mm) requiring 600 cfm (17 m ³) minimum for dry light materials. Other material may need higher velocity/pressure Requires 80 psi (5.5 bar) at 5 cfm (0.14 m ³) air filtered to 2.5 microns (oil and moisture free). Us industrial air dryer, rated for cfm (CM) flow. No	
Power Source 230 VAC, 3 phase, 30 Amps 460 VAC, 3 phase, 20 Amps Exhaust Port Two 4" diameter (102 mm) requiring 600 cfm (17 m³) minimum for dry light materials. Other material may need higher velocity/pressure Requires 80 psi (5.5 bar) at 5 cfm (0.14 m³) air filtered to 2.5 microns (oil and moisture free). Us	
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lubrication required for air components. Air must b	el⊦
lubricant free.	
Motor RPM Adjustable up to 3450	
Arbor 1.000 inch	╢
500 mm Blade 500mm x 120T x 1" Bore x 23°ATB/5°ASF >	┨⊦
for Wood Plate .128 x Kerf .172	I
O/D 500mm or 19.68" x Kerf 3.5mm or .137	,
500mm Blade x Plate 3.0mm or .118" x Bore 25.4mm or	
for Aluminum 1.00" x Teeth 140 D Type Tip Grade Sash	
Pro X Expansion Slots Five.	ľ
24" Blade for 24" Dia. x 144T x 1" Bore x 23°ATB/5°ASF	<
Wood Hook 22° Plate.138 x Kerf.186	
24" Blade for 24" Dia. x 200 Teeth x 1" Bore x TCG x Hool	
Aluminum 6° Plate.138 x Kerf.174	
Shipping	
Weight 975 lb	
Shipping	
Dimensions 48" wide x 48" deep x 64" tall	

Material	Cyclone 600 Width Capacity for Common Blade Diameters						
Thickness	14" Blade	16" Blade	18" Blade	500mm Blade	22" Blade	24" Blade	
0.5	6.97	10.38	13.23	15.42	18.27	20.62	
0.75	6.04	9.77	12.76	15.02	17.93	20.32	
1	4.89	9.10	12.25	14.59	17.57	20.00	
1.25	3.32	8.35	11.70	14.13	17.19	19.67	
1.5		7.49	11.10	13.64	16.79	19.32	
1.75		6.49	10.44	13.11	16.36	18.95	
2		5.25	9.72	12.54	15.90	18.55	
2.25		3.56	8.91	11.92	15.42	18.14	
2.5			7.98	11.24	14.90	17.70	
2.75			6.90	10.50	14.35	17.24	
3			5.58	9.68	13.75	16.74	
3.25			3.78	8.75	13.11	16.22	
3.5				7.68	12.42	15.67	
3.75				6.40	11.67	15.08	
4				4.75	10.84	14.45	
4.25				1.99	9.92	13.77	
4.5					8.88	13.03	
4.75					7.68	12.24	
5					6.20	11.37	
5.25					4.20	10.40	
5.5						9.30	
5.75						8.03	
6						6.49	

Custom Modifications

Call RazorGage for custom modifications to suit your specific application. 515-232-3188







RazorGage - Technical Services, Inc. - 57006 241st Street, Ames, IA 50010 - P(515) 232-3188 For detailed information, videos, & manuals, visit www.razorgage.com