

RAZORGAGE

CYCLONE 600 UPCUT SAW

Saw Blade mounts directly to a 7.5 HP Baldor Spindle motor gliding on Machine Tool Grade Recirculating ball linear bearings for ultimate rigidity and simplicity. No belts.

Razor Sharp Cuts 20 inches wide with virtually no tearout or tool marks.

Safe T Crowders improve safety and productivity. The operator can crowd stock against the fence while safely cycling the saw via thumb operated 2-hand anti-tie down buttons.

16" Fence on both sides of the blade.

Top Clamp travels on linear bearings and is driven by its own cylinder so you can adjust clamping speed and pressure independently. Quickly adjust top clamp height with flip stops.

Patent Pending

PLC Controlled. No Air Logic. LCD Display indicates when preventative maintenance is due and when it's time for a new blade.

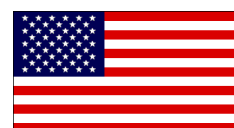
On most upcut saw it's easy to cycle the saw without powering up the motor, compromising the integrity of the blade and spindle. The Cyclone 600 won't cycle without motor power.

Blade Access Panel secured by a long bolt that activates a kill circuit and blade brake. By the time you get the bolt out, the blade is stopped.



Allows Easy Access to All Components.

Leveling pads are included and the design allows for easy floor anchoring.

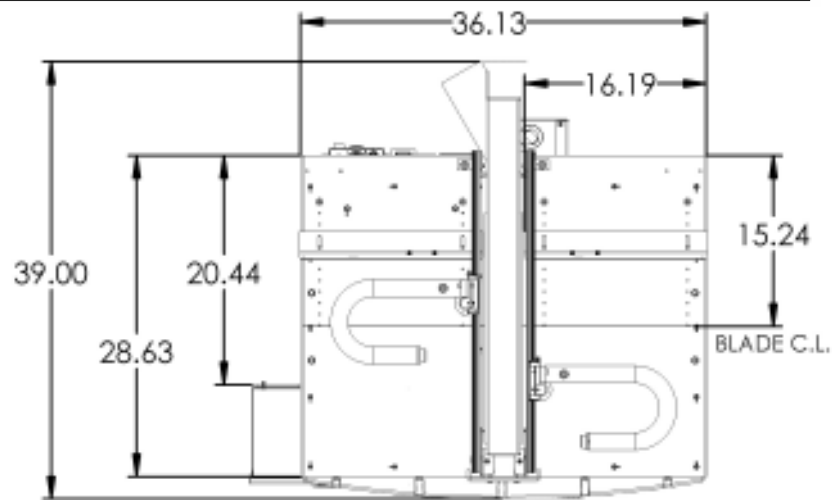


www.razorgage.com
Mfg. in Ames, Iowa, USA
(515) 232-3188

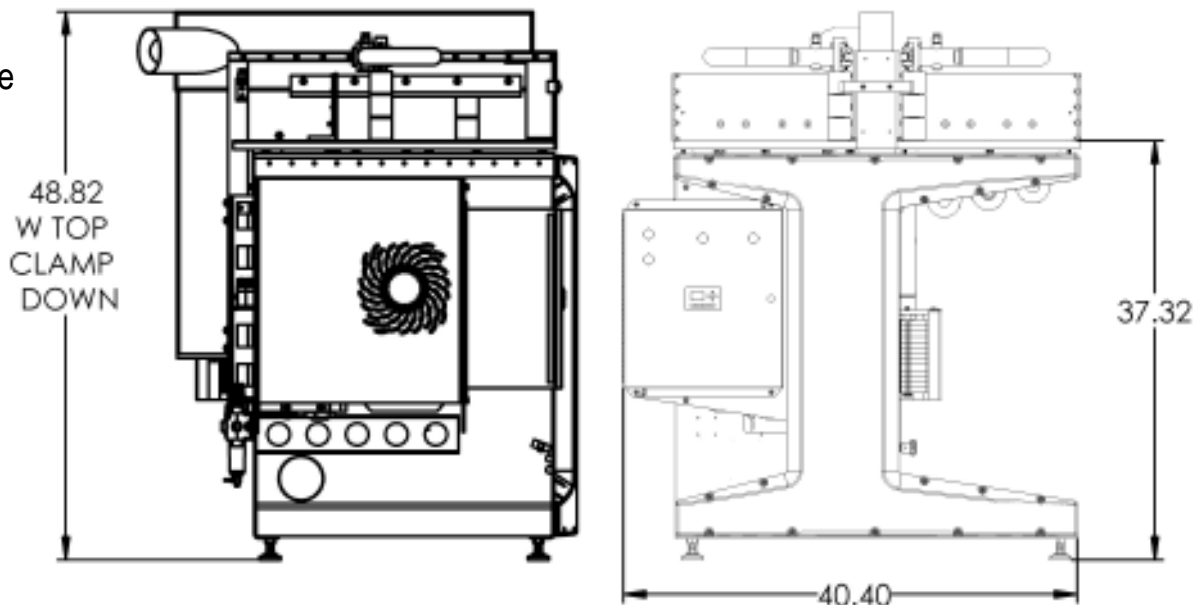
CYCLONE 600 UPCUT SAW SPECIFICATIONS

Motor Specs	7.5 hp (enclosed fan cooled) available in 208-230-460Vac 3-phase
Power Source	230 VAC, 3 phase, 60 Amps 460 VAC, 3 phase, 30 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
Compressed Air	Requires 80 psi (5.5 bar) at 5 cfm (0.14 m ³) air filtered to 2.5 microns (oil and moisture free). Use industrial air dryer, rated for cfm (CM) flow. No lubrication required for air components. Air must be lubricant free.
Motor RPM	3500
Arbor	1.0" (25mm)
500 mm Blade for Wood	500mm x 120T x 1" Bore x 23°ATB/5°ASF x Plate .128 x Kerf .172
500mm Blade for Aluminum	O/D 500mm or 19.68" x Kerf 3.5mm or .137" x Plate 3.0mm or .118" x Bore 25.4mm or 1.00" x Teeth 140 D Type Tip Grade Sash Pro X Expansion Slots Five.
24" Blade for Wood	24" Dia. x 144T x 1" Bore x 23°ATB/5°ASF x Hook 22° Plate.138 x Kerf.186
24" Blade for Aluminum	24" Dia. x 200 Teeth x 1" Bore x TCG x Hook 6° Plate.138 x Kerf.174
Shipping Weight	975 lb
Shipping Dimensions	48" wide x 48" deep x 64" tall

Material Thickness	Cyclone-600 Width Capacity for Common Blade Diameters					
	14" Blade	16" Blade	18" Blade	20" Blade	22" Blade	24" Blade
0.50	6.97	10.38	13.23	15.82	18.27	20.62
0.75	6.04	9.77	12.76	15.43	17.93	20.32
1.00	4.89	9.10	12.25	15.01	17.57	20.00
1.25	3.32	8.35	11.70	14.57	17.19	19.67
1.50		7.49	11.10	14.09	16.79	19.32
1.75		6.49	10.44	13.58	16.36	18.95
2.00		5.25	9.72	13.02	15.90	18.55
2.25		3.56	8.91	12.43	15.42	18.14
2.50			7.98	11.78	14.90	17.70
2.75			6.90	11.07	14.35	17.24
3.00			5.58	10.30	13.75	16.74
3.25			3.78	9.43	13.11	16.22
3.50				8.45	12.42	15.67
3.75				7.30	11.67	15.08
4.00				5.90	10.84	14.45
4.25				4.00	9.92	13.77
4.50					8.88	13.03
4.75					7.68	12.24
5.00					6.20	11.37
5.25					4.20	10.40
5.50						9.30
5.75						8.03
6.00						6.49



Call RazorGage for custom
modifications to suit your
specific application.
See pictures and video of
the Cyclone 600 Tool Grade
Upcut Saw at
www.razorgage.com
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(515) 232-3188



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