

RAZORGAGE

CYCLONE 600 UPCUT SAW

Razor Sharp Cuts 20 inches wide with virtually no tearout.

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. Frequency drive allows control of saw blade rpm.

Patented Safe T Crowdors 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.

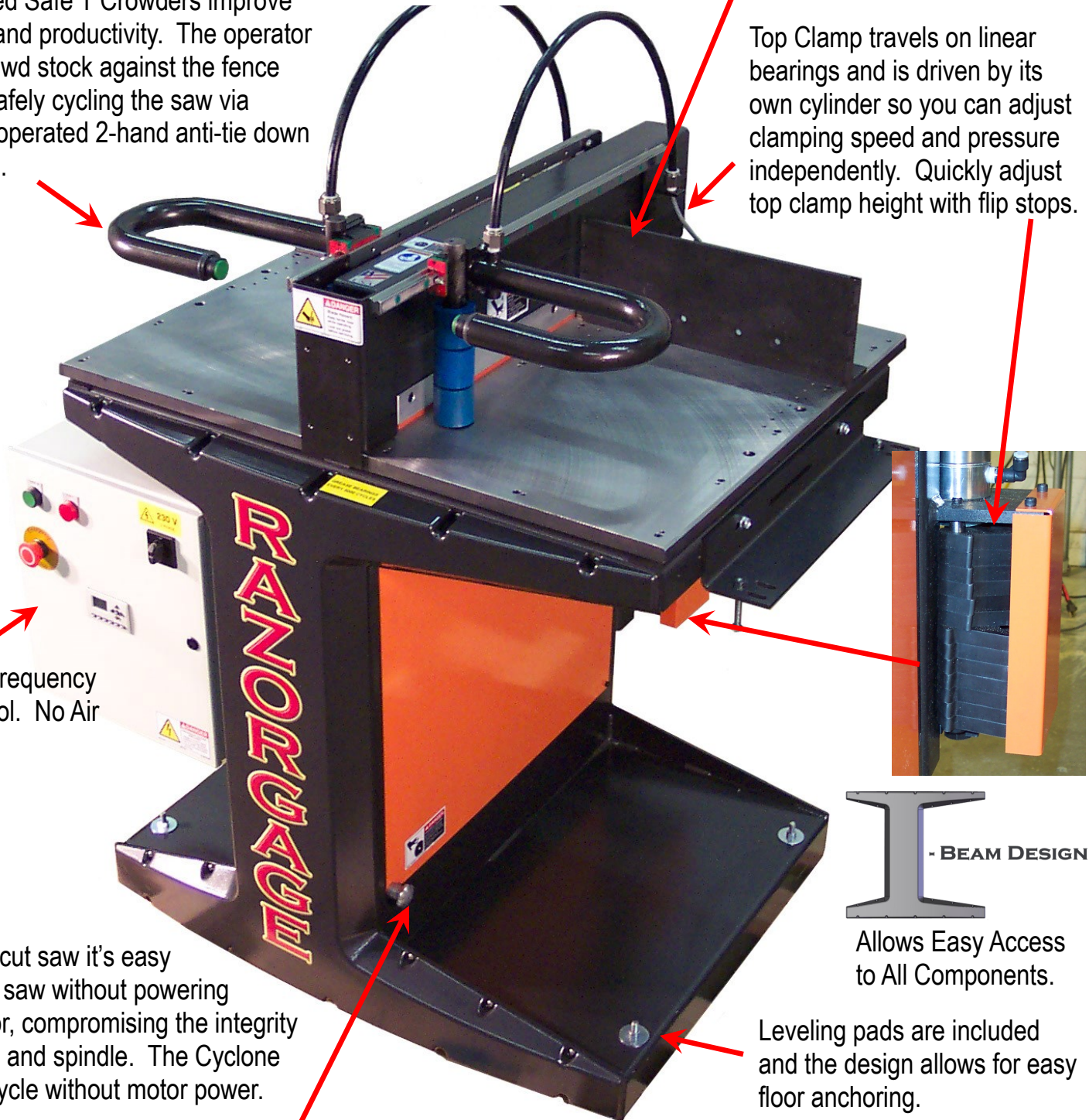
16" Fence on both sides of the blade. Choose low fence or high fence.

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.

Intelligent Frequency Drive Control. No Air Logic.

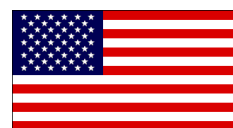
On most upcut saw it's easy to cycle the saw without powering up the motor, compromising the integrity of the blade and spindle. The Cyclone 600 won't cycle without motor power.

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, 30 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
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	Adjustable up to 3450
Arbor	1.000 inch
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

Material Thickness	Cyclone 600 Width Capacity for Common Blade Diameters					
	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

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

Call RazorGage at (515) 232-3188

