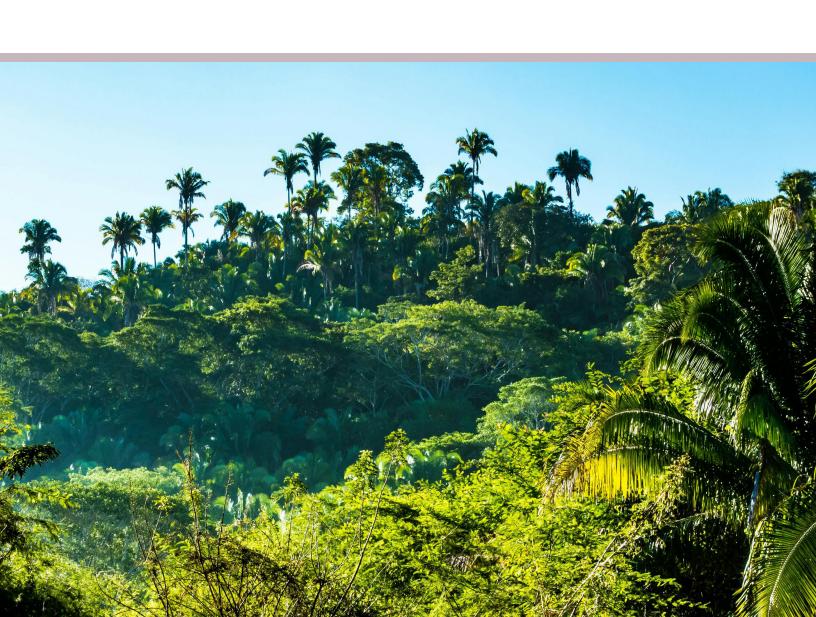






horizontal grinders



Redback Horizontal Grinders are built for America.

In partnership with Redback, the Doppstadt® Group, with its 60+ years of experience manufacturing industrial grinders and shredders, has brought Redback to the U.S. to meet the growing demand for durable, efficient, and operator-friendly recycling equipment.



## **INNOVATIVE FEATURES ON REDBACK HORIZONTAL GRINDERS**



Contamination detection system disconnects drive when contamination is encountered



Rotor with adjustable hammers for multiple applications and easy onsite maintenance.



Widest feeding table and feeder floor in its class, driven directly by high-torque motors

# PROVEN TOUGH, SERIOUSLY RELIABLE

#### New, but not new.

Redback Horizontal Grinders may be new to North America, but they've built a decades-long reputation as brilliantly tough, amazingly efficient machines, hardened by experience in one of the harshest environments on Earth: Australia.

Australian hardwoods are some of the toughest and hardest woods in the world, and Redback grinders can handle contamination and feedstock impurities with ease. Incredibly efficient and resilient, they are built for longevity and machines manufactured 30 years ago are still running strong.

## Amplify your output...

Redback grinders are offered in 785 hp and 1125 hp versions to take on all your grinding needs.

Utilizing powerful Caterpillar® diesel engines, Redback grinders' finely tuned geometry between the anvil, rotor, screen, and hammer arrangement maximizes performance and allows you to produce the highest quality product with unbeatable consistency.

Redback's serious power creates a level of throughput that just can't be beat. In fact, you might need to upgrade your other machines just to keep up.

#### ...And your profit.

Redback horizontal grinders are bottom-line friendly. With advanced engineering that squeezes more power and efficiency from its CAT engines, you'll see lower fuel consumption, more product consistency and less regrinding, a higher usable product yield, and a lower overall cost per ton.

Most importantly, Redback grinders have less downtime which means more production. Our grinders feature an advanced cooling system developed in conjunction with Caterpillar to help prevent overheating so you can run harder and work longer.

All this means a significantly lower cost of ownership and an increase in your profitability.



Wide belts and low bed depth so neodymium magnets can effectively remove metals.



Components are easily accessed so maintenance can be performed in the field.



American-made Caterpillar diesel engine natched to a Twin Disc® for seamless contro

# REDBACK HORIZONTAL GRINDER MODELS AND SPECS

	DS800T	DS1125T
DRIVE		
ТҮРЕ	CAT C18 diesel engine	CAT C32 diesel engine
POWER	785 hp / 597 kW	1125 hp / 895 kW
TORQUE	2736 lb-ft @ 1300 rpm	4056 lb-ft at 1,200 rpm
EMISSIONS	U.S. EPA Tier 4 Final	U.S. EPA Tier 4 Final
FUEL TANK	390 g diesel	520 g diesel
CHASSIS		
ТҮРЕ	Steel tracks	Steel tracks
ground clearance	11"	11"
ANGLE OF APPROACH	12°	12°
FEED HOPPER		
VOLUME	7.5 yrd³	9.5 yrd <sup>3</sup>
WIDTH	5′ 0″	6′ 0″
HEIGHT	7′ 6″	7′ 6″
LENGTH	13′ 0″	16′ 4″
MILL		
WIDTH	60″	75"
DIAMETER	40"	40"
# OF HAMMERS	26	30
SPEED	870 - 970 RPM	870 - 970 RPM
INFEED HEIGHT	3′ 0″	3′ 0″
CONVEYORS		
LENGTH	24′ 6″	24′ 6″
WIDTH	60″	72"
DISCHARGE HEIGHT	14′ 10″	14′ 10″
TRANSPORT DIMENSIONS		
LENGTH	44′ 1″	44′ 1″
WIDTH	10′ 6″	11′ 6″
HEIGHT	11′ 2″	11′ 2″
TOTAL WEIGHT  OPERATIONAL DIMENSIONS	74,957 lbs	83,776 lbs
LENGTH	51′ 2″	51′ 2″
WIDTH	10′ 6″	11' 6"
HEIGHT	14′ 9″	14' 9"



