



Redback

Horizontal Grinder *Doppstadt*



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.



DS1125T



DS800T



DS1125T



DS800T

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 matched to a Twin Disc® for seamless control

REDBACK HORIZONTAL GRINDER MODELS AND SPECS

DRIVE

TYPE
POWER
TORQUE
EMISSIONS
FUEL TANK

DS800T

CAT C18 diesel engine
785 hp / 597 kW
2736 lb-ft @ 1300 rpm
U.S. EPA Tier 4 Final
390 g diesel

DS1125T

CAT C32 diesel engine
1125 hp / 895 kW
4056 lb-ft at 1,200 rpm
U.S. EPA Tier 4 Final
520 g diesel

CHASSIS

TYPE
GROUND CLEARANCE
ANGLE OF APPROACH

Steel tracks
11"
12°

Steel tracks
11"
12°

FEED HOPPER

VOLUME
WIDTH
HEIGHT
LENGTH

7.5 yrd³
5' 0"
7' 6"
13' 0"

9.5 yrd³
6' 0"
7' 6"
16' 4"

MILL

WIDTH
DIAMETER
OF HAMMERS
SPEED
INFEED HEIGHT

60"
40"
26
870 - 970 RPM
3' 0"

75"
40"
30
870 - 970 RPM
3' 0"

CONVEYORS

LENGTH
WIDTH
DISCHARGE HEIGHT

24' 6"
60"
14' 10"

24' 6"
72"
14' 10"

TRANSPORT DIMENSIONS

LENGTH
WIDTH
HEIGHT
TOTAL WEIGHT

44' 1"
10' 6"
11' 2"
74,957 lbs

44' 1"
11' 6"
11' 2"
83,776 lbs

OPERATIONAL DIMENSIONS

LENGTH
WIDTH
HEIGHT

51' 2"
10' 6"
14' 9"

51' 2"
11' 6"
14' 9"