

RB 8 / RB 12

DOPPSTADT HORIZONTAL GRINDER



BUILT TO RUN

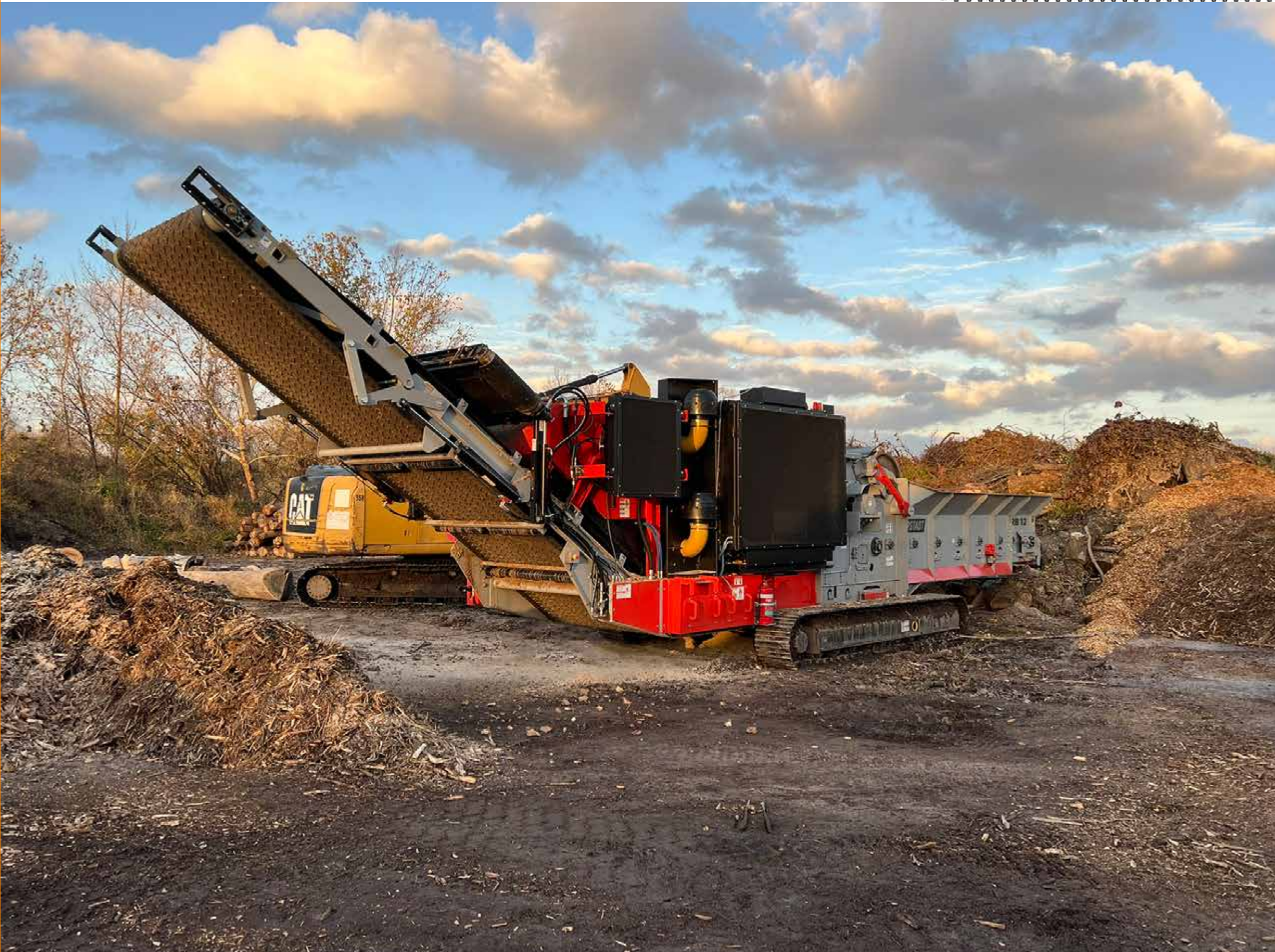
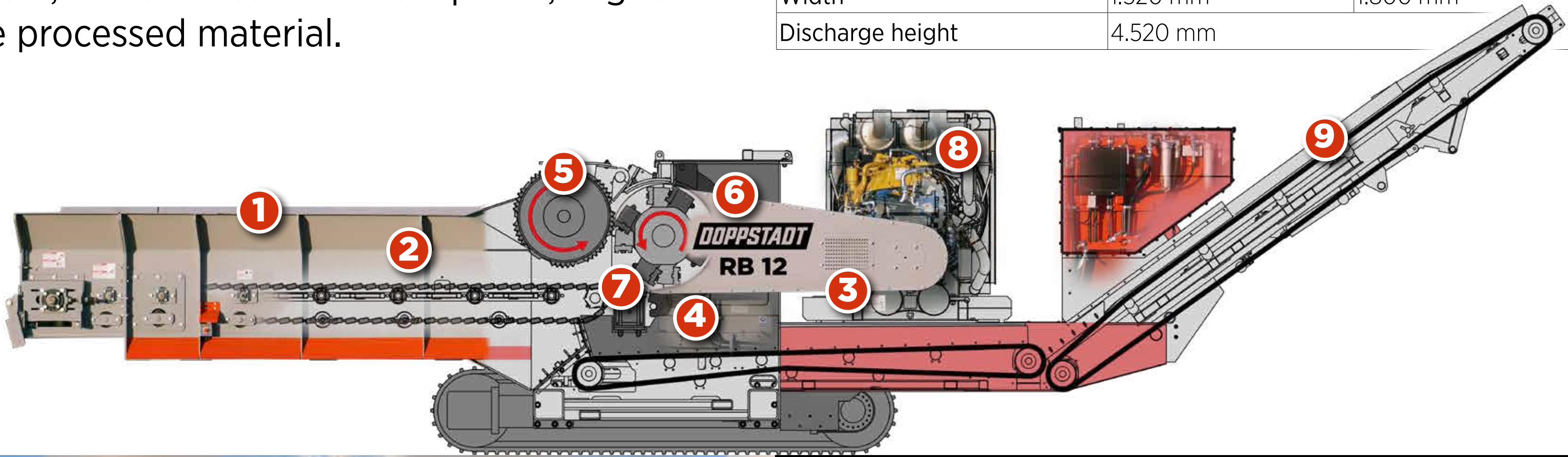
PROVEN TOUGH & SERIOUSLY POWERFUL - NOW READY FOR EUROPE & REST OF THE WORLD

The Doppstadt RB 12 is a Horizontal Grinder that delivers extreme power, exceeding the 1.100 PS mark. The machine is not entirely new in the world, but is based on the Doppstadt Redback brand, which has been working on the toughest jobs in America and, above all, in Australia for over 30 years.



The RB 12 can now perform these tasks effortlessly in Europe too, offering maximum throughput when processing very large volumes of material, such as green waste, logs, forestry residues, clearing waste, roots or waste wood. Its robustness, ease of maintenance and simple operation, combined with its sheer power, make the RB 12 a highly reliable partner. Whatever the environment, the machine is extremely robust and simply built to last, which means more uptime, higher output and even more processed material.

REDBACK GRINDER		
Chassis	Track-laying chassis	
DIMENSIONS	RB 8	RB 12
Overall weight	38.000 kg	47.000 kg
WORKING POSITION		
Length	15.600 mm	
Width	3.200 mm	3.500 mm
Height	4.500 mm	
TRANSPORT DIMENSIONS		
Length	13.600 mm	
Width	3.200 mm	3.500 mm
Height	3.400 mm	
DRIVE		
Engine type	Diesel-hydraulic	
Make	Cat. C 18	Cat. C 32
Nominal output	597 kW (785 HP)	895 kW (1.125 HP)
Torque	3.710 Nm at 1.300 rpm	5.500 Nm at 1.200 rpm
Emission standard	Stage V / U.S. EPA Tier 4 Final	
Tank capacity Diesel	1.560 l	2.150 l
FLAIL DRUM		
Number of hammers	26	30
Width	1.520 mm	1.890 mm
Diameter	1.000 mm	
Speed	870-970 rpm (depending on the engine's speed)	
FEED HOPPER / LOADING		
Volume	5,9 m³	7,3 m³
Infeed height	900 mm	
Infeed width	1.520 mm	1.890 mm
Loading height	2.300 mm	
Loading length	5.000 mm	5.000 mm
DISCHARGE BELT		
Length	7.500 mm	
Width	1.520 mm	1.800 mm
Discharge height	4.520 mm	



BUILT TO RUN PRODUCTIVE & RELIABLE

- 1 Self-cleaning, heavy duty infeed conveyor provides a maintenance free long life
- 2 Widest feeding table and feeder floor in its class to accept large feedstock input
- 3 Proportional feed control system automatically adjusts the infeed rate to maximize throughput
- 4 Infeed conveyor and feed wheel are driven directly by high-torque motors (not chain driven)
- 5 Feed wheel has a multi-tooth design and it is also programmed with an automatic pull down feature.
- 6 Various screen sizes provide a long service life and changeable in under 20 min.
- 7 Heavy-duty rotor and anvil are built tough to handle the hardest materials and are highly resistant to damage by contaminants. Fully lined grinding chamber features heavy-duty key locked hammer tips which overlap the rotor discs to give full width grinding coverage.
- 8 American-made Caterpillar diesel engine matched to a Twin Disc® wet clutch for seamless control. The RB 8 is fitted with a CAT C18 engine and the RB 12 utilizes a CAT C32 engine.
- 9 7500 mm long, 1520 or 1800 mm wide discharge belt with max height of 4500 mm