

ZENITH TRACKED WOOD CHIPPER

CUTTING UP TO 15 CM
(5,90 INCH)



Chipper for gardeners and renters

- > ON TRACK
- > DOUBLE INFEED ROLLER
- > DRUM TYPE CUTTING SYSTEM
- > SUITABLE ALSO FOR FIBROUS MATERIAL, SUCH AS PALM TREE
- > NO-STRESS SYSTEM

Tracked wood chipper - Cutting up to 15 cm (5,90 inch)

Zenith chipper is designed to quickly and easily shred plant material up to 15 cm in diameter. It can be moved easily and the pruning point can be reached without difficulty



FEATURES



Good for renting



- > For easy move on areas with difficult access, soft ground conditions, or uneven and sloping ground.
- > Ease of loading and unloading from vans or trucks.
- > Compact size, you can also load it on small vans (with the hopper folded and the discharge curve lowered, movements are easy).
- > A single motor to drive track and chipper to obtain: stability, movement and guide sensitivity, low center of gravity, lower fuel consumption, and reduced maintenanc.
- > Hydraulically driven tracks, speed up to 2.5 km/h.
- > Compact weight, 680 kg (tracked version).
- > Powerful Briggs&Stratton 23HP Vanguard engine.
- > Wood and branches cutting up to 15 cm (5,9 inch).
- > Can cut fibrous material and prunings.
- > Wide feed hopper.
- > Easy access to cutting chamber.
- > Operator's safety.
- > Remote radio control (optional).
- > SAFETY check of the inclination of the machine with LUMINOUS alarm and sound.
- > Zenith chipper has been designed to last over time and in a easy to maintain perspective. Only a few components are subject to wear

Why CHOOSE ZENITH

POWER



Briggs & Stratton 23HP Vanguard **professional engine**, V-TWIN with electric start. 3 years warranty (Briggs & Stratton)

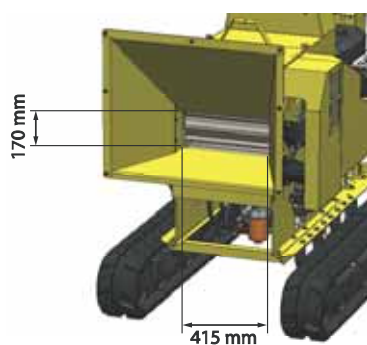
CUTTING CAPACITY



Cutting Up to 15 cm (5,9 inch), wood or fibrous material (palm).



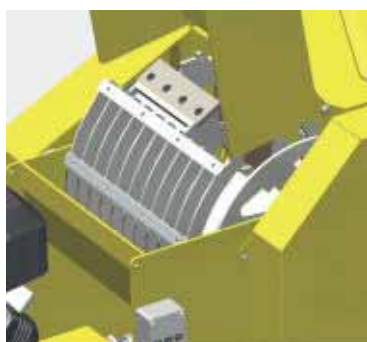
Drum cutting system with 4 blades. 4 steel plate that rotate at high speed creating the air flow necessary to expel the processed material - even if very wet - at a height of about 2 meters.



Wide material introduction point.



Double feed roller to easy material introduction.



Sieve - 35 mm wide refining screen (optional): to obtain the most suitable wood chip size for your boiler (Wood chipper for biomass boilers).

SAFETY

Agrinova, with over 30 years of experience, has taken all the measures that ensure the operator to work in complete safety.



Emergency/ re-start buttons.



Safety transparent screen.



Great stability thanks to quality tracks produced in Italy.
- 1 mt track.

CONFORT



Anti-clogging system: the Zenith chipper has a large discharge system that remains wide throughout its extension, avoiding narrowings that block the outgoing material in a bottleneck. Thanks also to the volume of air generated by the rotation of the cutting system, Zenith is able to easily unload almost all types of shredded material, even if it is particularly wet or leafy, minimizing clogging and machine stops.



Controls: 2 levers located on the "console" allow separate control of the left and right track.



Possibility of **adjusting the feed roller speed** by acting on the flow adjustment knob.

Why CHOOSE ZENITH



The **movements** are facilitated with the hopper folded and the discharge curve lowered.



Max width 1.25 meters. The Zenith chipper is designed to be easily moved even on narrow paths.



The **two feed rollers**, moved by a pair of hydraulic motors ensure the feeding of heavy and leafy logs into the cutting chamber. The speed is adjustable by a knob on the machine.



The **centrifugal clutch** allows the engine to start without loading the cutting system



NO-STRESS system has the purpose of preserving the engine from excessive stress originating from the cutting of materials of large diameters, very hard, leafy, humid and, which in general require a lot of power.

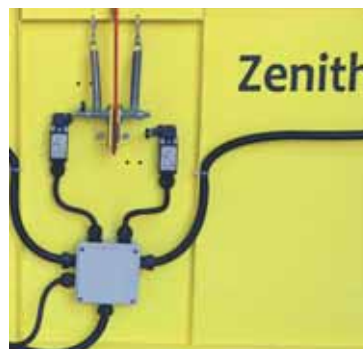
HOUR COUNTER: an hour counter is integrated into the nostress system, excellent even in case of vehicle rental.



ease of access to the cutting chamber: Zenith has been designed to be able to quickly and safely access the cutting chamber.



Thanks to its **transparent window**, it is possible to see the inside of the cutting chamber without opening it.



Speed regulation and inversion of the feeding roller by means of electric drives and controls.

COMFORT



EMERGENCY KIT (optional): a kit of spare knives, a belts kit.



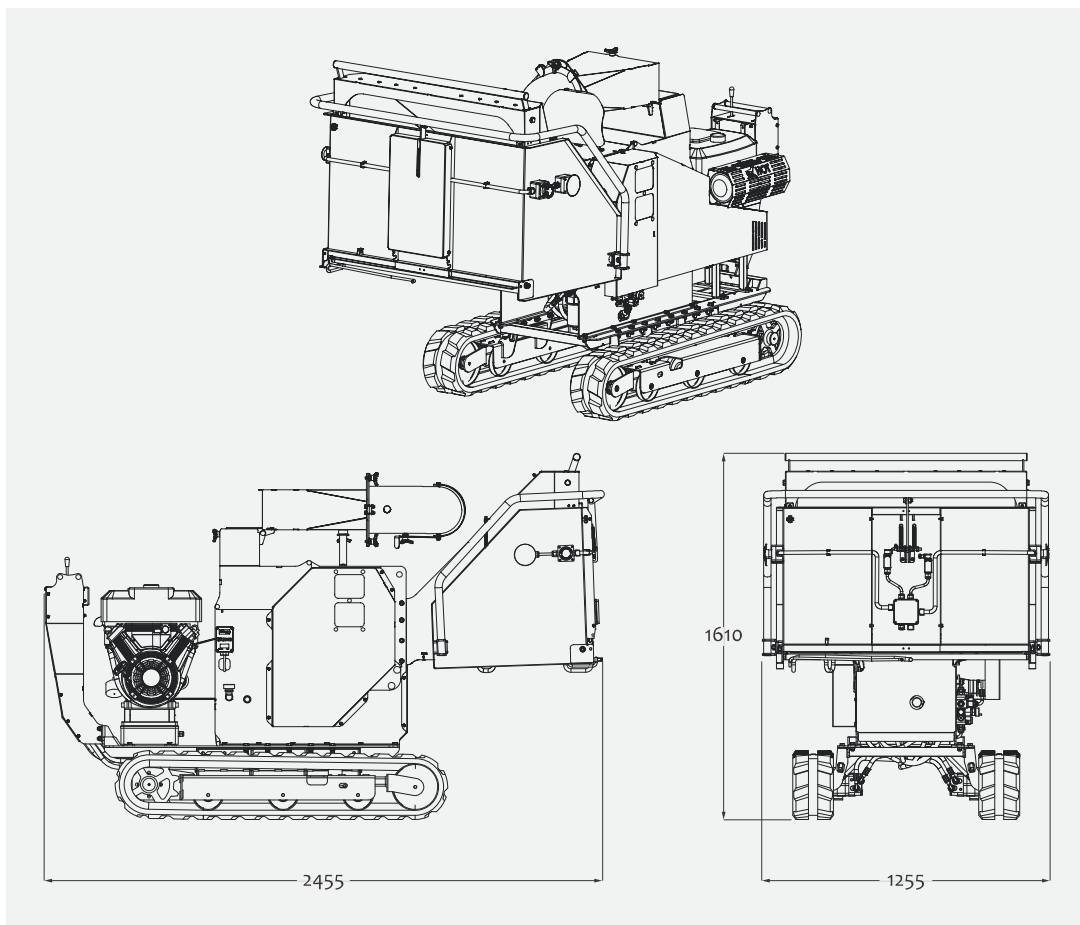
Tilt control (optional): Zenith can be equipped with a luminous sound alarm for slope control.



Remote radio control (optional).



Example of shredded product made with a Zenith chipper.

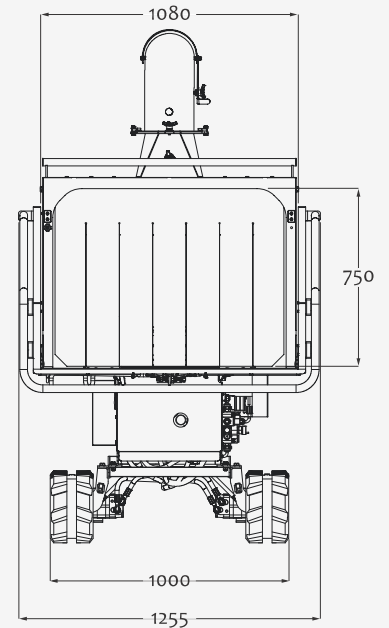
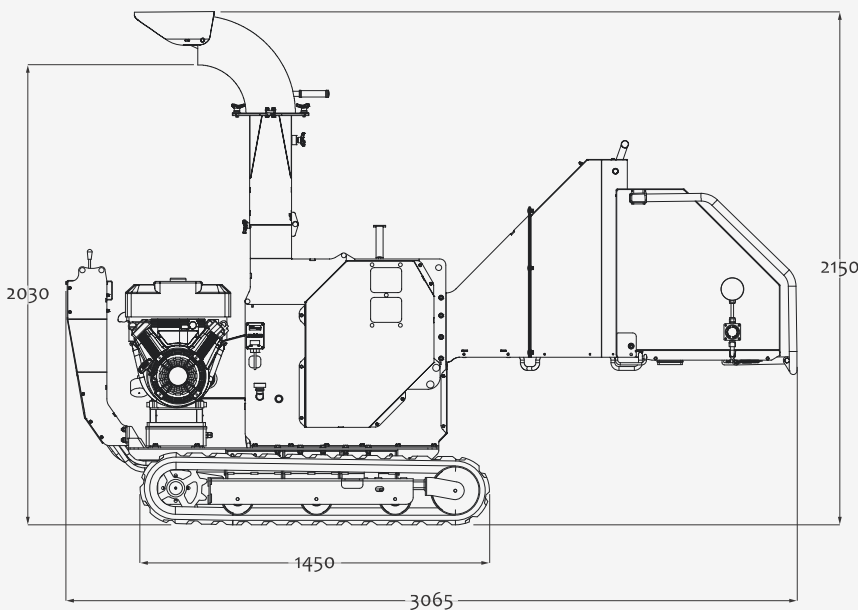
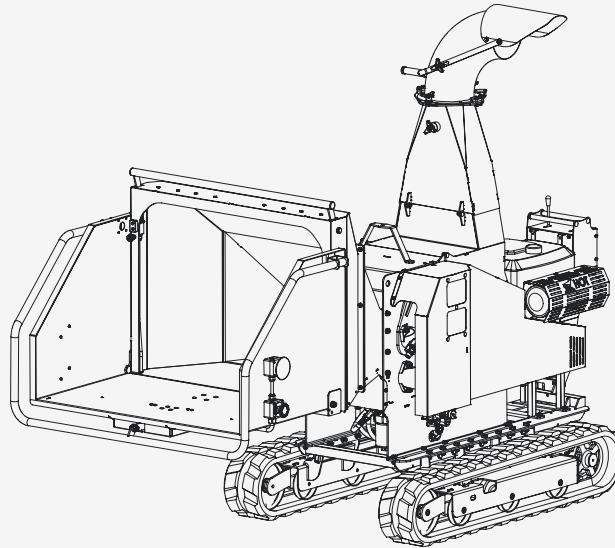


TRANSPORT CONFIGURATION DIMENSIONS

2455 x 1255 x 1610 h mm

Why CHOOSE ZENITH

Dimensions



We are working on the versions:

- > With Diesel engine
- > For tractor
- > On street chassis
- > Rotating turntable
- > Conveyor roller
- > Conveyor belt

Technical data

		ZH160-B2-AS-C
	Max chippable diameter	150 mm (medium hardness wood)
ENGINE	Type	Briggs & Stratton - Vanguard V-TWIN
	Power	23 HP & 31 hp
	Displacement	Twin cylinder 627cc
	Cooling	Air cooled
	Start up type	Electric and pull
	Fuel type	Gasoline
	Tank capacity	8,5 litres
	Battery	12V - service free
CUTTING SYSTEM	Type	Drum system
	Drum system	50 kg
	Blades - number	4 and 1 fixed hardened counter-knife
	Blades - materials	Core hardened steel
	Transmission	Double belt with centrifugal clutch
	Bearings	Cast iron support bearings
FEEDING SYSTEM	Type	2 counter rotating feed roller
	Control	By safety bar on hopper for stop and reverse By upper safety bar on top of the hopper for stop By restart button on the sides of the hopper for forward
	Transmission	Dedicated hydraulic pump for feed rollers
	No-stress device	Standard equipment - automatic start and stop for feed rollers
DISCHARGE	Type	Tiltable discharge tube - 270° rotation of discharge curve
	Discharge curve dimensions	200 mm diameter
	Control	Adjustable deflector
HANDLING SYSTEM	Type	On track
	Transmission	Dedicated hydraulic pump for each track
	Control	2 lever on rudder - independant lever for each track
	Track - length	1050 mm
	Track - width	900 mm
GENERAL INFORMATION	Work configuration - dimensions	3065 x 1255 x 2150 h mm
	Temporary moving - dimensions	2400 x 1090 x 1960 h mm
	Transport configuration - dimensions	2455 x 1255 x 1610 h mm
	Weight	680 kg
	Hopper dimensions (Operator side)	1080 x 750 h mm
	Hopper dimensions (Feed roller side)	415 x 170 h mm
	Hydraulic oil tank capacity	13 l - Spin-on hydraulic oil filter