

COMPANY PROFILE

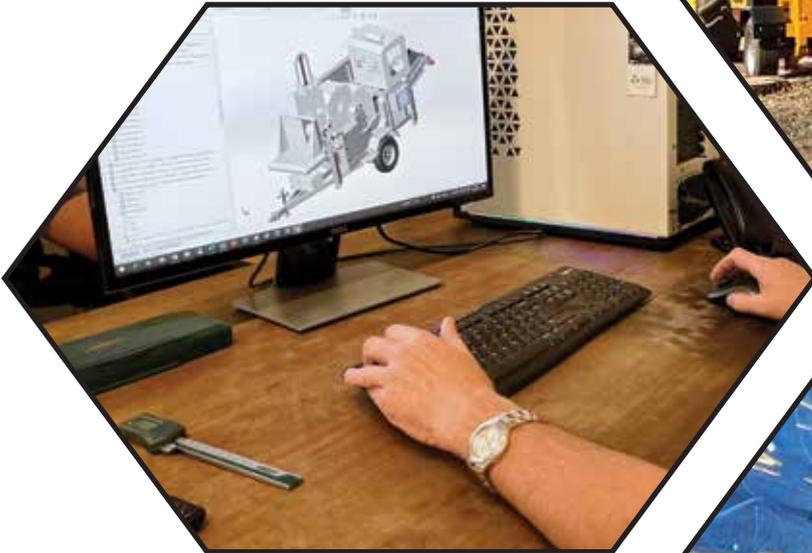
CONTRACTING



EQUIPMENT SALES



DESIGNING



MANUFACTURING



MAINTENANCE & REPAIR



Since 2004



**AFRICA
BIOMASS
COMPANY**



AFRICA BIOMASS COMPANY

Your caring family, trading as world leaders in the biomass industry.

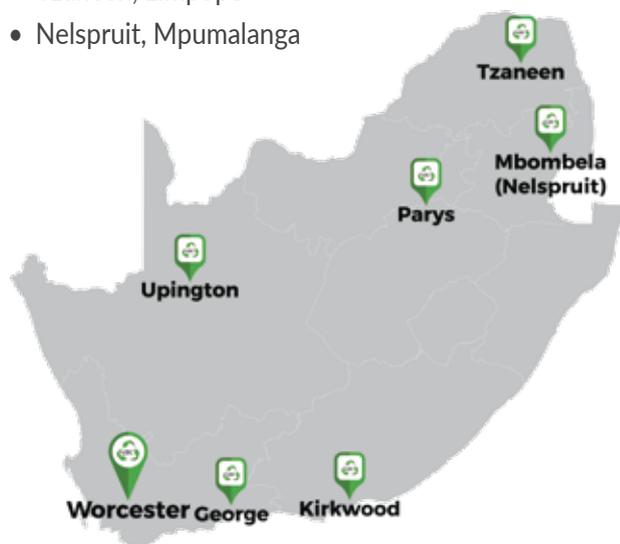
ABOUT US

Africa Biomass Company revolves around the novel concept of grinding or chipping unwanted or stranded biomass on site, in order to create different biomass products, which can be used in various applications. This process is known as biomass recycling.

Since 2004, ABC has been at the forefront of developments in biomass recycling and has since become a market leader in this field. ABC is a solution driven company acting as both contractor and equipment supplier to industry.

ABC is located in:

- Worcester & George, Western Cape
- Kirkwood, Eastern Cape
- Upington, Northern Cape
- Parys, Free State
- Tzaneen, Limpopo
- Nelspruit, Mpumalanga



AFRICA BIOMASS COMPANY Winner of Entrepreneur of the Year® 2017

We operate in all nine provinces of South Africa and cross border, into Sub-Saharan Africa, including Namibia, Botswana, Zimbabwe, Mozambique, Zambia, Malawi, Tanzania, Kenya and Nigeria.

OUR VISION

To be your caring family, founded in faith, and trading as world leaders in the biomass industry.

MISSION STATEMENT

To provide sustainable and above par service and equipment worldwide, considering the unique requirements of each client, while not deviating from our policy of innovative service and high ethical standards.

OUR VALUES

- Human Dignity
- Integrity
- Quality
- Pro-trademark Resolution
- Innovation
- Transparency
- Teamwork
- Faith





BIOMASS CONTRACTING

- Agricultural: orchard / vineyard recycling and mulch spreading
- Fuel grade biomass for energy production
- Site clearing and preparation
- River rehabilitation in riparian zones
- Field services, parts and spares
- Operator training services: SETA certified
- Designing, manufacturing and maintenance
- Repair workshop and services

BIOMASS PRODUCTS

- Bandit Engine Hand-fed Wood Chippers
- Bandit PTO Hand-fed Wood Chippers
- Bandit Stump Grinders
- Bandit Stationary Wood Chippers
- Bandit The Beast® Horizontal Grinders
- Bandit Whole Tree Chippers
- Wood Chipper Parts (all brands)
- Dezzi Earthmoving Equipment
- Serrat mulchers
- BADGER Bioturn (Compos turner)
- BADGER Billeter
- BADGER Stacking Conveyor
- BADGER Pallet Shredder
- BADGER Diesel Bowser
- BADGER Bio-shear
- BADGER Sleeper
- BADGER Blower
- Patented designed Mulch Spreaders (sold by Rovic Leers)



ORCHARD, VINEYARD & WINDBREAK RECYCLING

Africa Biomass Company provides orchard, vineyard & windbreak recycling services. We use excavators with specialised attachments, three-wheel loggers and other loading equipment to remove old orchards, vineyards and windbreaks from root to tip. This is then fed into a horizontal grinder and recycled, which then results in usable mulch.

The horizontal grinder processes the waste wood according to the specifications discussed and agreed upon with the land owner or project manager.

Processing of waste wood into mulch, that if applied correctly, could result on up to a 30% increase in water conservation as well as many other advantages.



MULCH-SPREADING

Africa Biomass Company provides mulch spreading-services.

Using a mulch spreader is the most effective method to spread mulch and/or compost evenly in existing and/or new orchards and vineyards.

The spread width and volume can be adjusted to each client's specific needs.

Africa Biomass Company's mulch spreaders are of the highest quality and most efficient in spreading mulch in orchards and vineyards.

Before



After



RIVER REHABILITATION

Since 2013, our contracting department has been involved in river rehabilitation projects by removing and recycling invasive alien trees in riparian zones.

The first projects in the Breede River & Berg River systems, was a huge success.

Wood chips recycled from these projects were spread as mulch in new vineyards and orchards. This has led to compounded water saving, equal to the amount of water use of $\pm 45\ 000$ households in one year. ABC has managed to annually keep up this water saving achievement.

BIOMASS TO ENERGY

Fuel grade dimensional wood chips are produced by the removal of alien invasive trees in riparian zones. Previously deemed as difficult, ABC now has the knowledge and technology to get the job done.

These fuel grade wood chips are then used in Agri-industrial applications as a greener alternative to fossil fuel, for either heat and/or electricity production.

To date the chicken rearing industry has benefited most from this green intervention. Fuel grade wood chips can however be used in any industry to generate more economical and sustainable process heat.



ABC'S PART SALES, WORKSHOP & FIELD SERVICES

With a comprehensive understanding of the operational challenges of wood recycling in South Africa, ABC has established state-of-the-art facilities to service, repair and rebuild equipment of any brand and size.

ABC's facilities are operated by a remarkable team of very experienced and suitably qualified technicians to make repairs, do maintenance and deliver parts to optimise uptime and efficiency. We stock more than 2500 line items to meet the requirements of clients and Africa Biomass Company's own fleet.

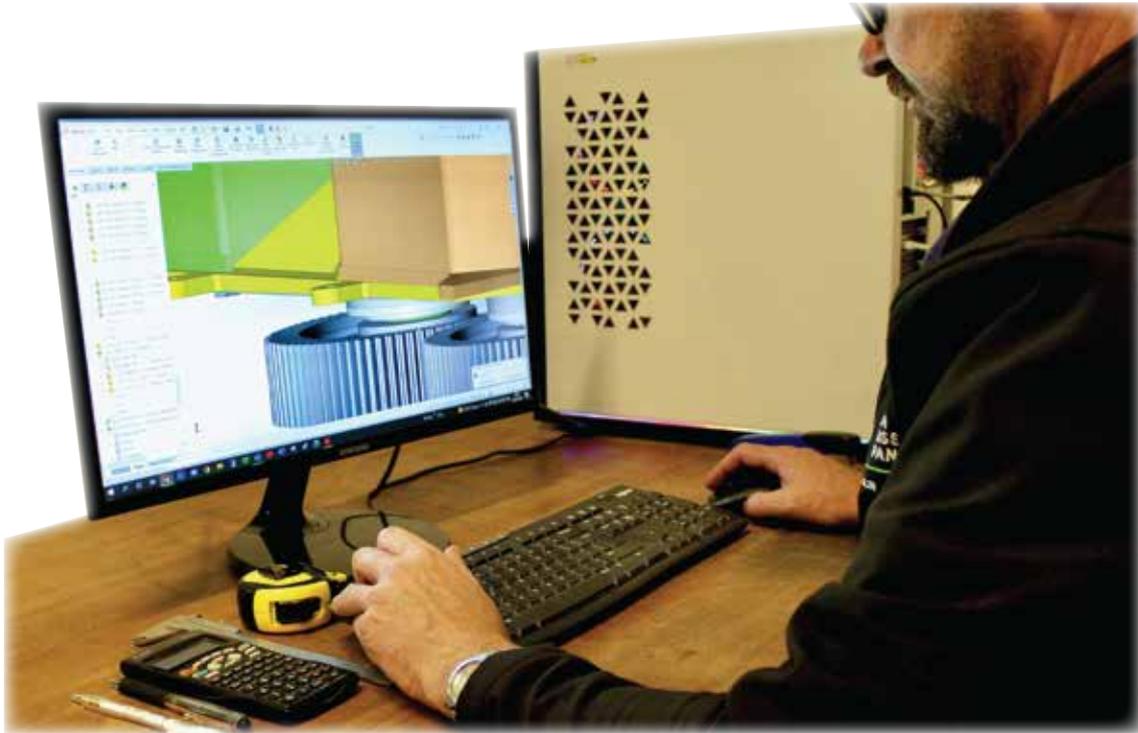
We sharpen any chipper blades.

Online store available on our website



DESIGNING

Extensive experience in the African Biomass Market puts our design team in a competitive position for the designing and manufacturing of Biomass Processing and handling solutions.



MANUFACTURING

Our legacy of innovation has been built on more than 100 000 hours of operational experience. This enabled us to develop and adapt machines for unwanted or stranded wood recycling in South Africa, which truly adds value to the customer's operation. A wide range of wood chipping, grinding and spreading equipment is manufactured locally to specification, ideally built for South African conditions.

Custom-Built SABS Approved Trailers

Each hand-fed chipper from Africa Biomass Company is mounted on a SABS-approved trailer that is specifically designed for the model hand-fed chipper it carries. These trailers are built to perfection at ABC's head office in Worcester.





BADGER BIOMASS EQUIPMENT

Durable & Unique

Badger Biomass Equipment is a brand created by ABC to supply equipment that is innovative, unique and durable to the Biomass industry. Our in-house engineering team is dedicated to do research, develop and improve current Biomass technologies. The Badger Biomass Equipment range is constructed at ABC's manufacturing facility.

BIOTURN COMPOST TURNER



DIESEL BOWSER



PALLET SHREDDER



WOOD CHIP BLOWER



SLEEPER



BILLETER



BILLETER & STACKING CONVEYOR



BIO-SHEAR



FIREFIGHTER





AUTHORISED DEALER

Bandit Industries Inc.

Bandit is one of the leading wood chipper brands in the world. Bandit's performance and reliability together with ABC's expertise and service provides winning solutions to every customer. Bandit's chippers are adapted to local circumstances and some of our models have up to 55% local content.

ABC is the authorised dealer for Bandit wood chippers in Africa.



Dezzi (Desmond Equipment)

Dezzi, better known as Desmond Equipment is a local earthmoving equipment manufacturer located in KwaZulu-Natal. Their products range INCLUDES TLB'S (backhoe loaders), front-end loaders, loggers, haulage tractors, motor graders, articulated 4X4 haulers, articulated 6X6 & 6X4 dump trucks, articulated 4X4 dump trucks, cane and timber loaders.

ABC is the exclusive dealer for Dezzi in the Western Cape.



Serrat

SERRAT is, one of the most experienced mulcher manufacturing companies. With effort, dedication, and their wide range of products, they have positioned themselves as leaders in the market of agricultural and forestry mulchers.

ABC gained the sole agency for SERRAT in 2021 and all sales and technical backup done through ABC.



Badger Biomass Equipment

The Badger Biomass equipment range was created to offer solutions that meet the challenges of clients in the biomass market. With an in-house design team and manufacturing facility, we offer a strong brand that represents: character, durability, intelligence and uniqueness.

ABC manufactures, support and is sole retailer of the Badger Biomass range of equipment.



- PTO WOOD CHIPPERS
- ENGINE WOOD CHIPPERS
- WHOLE TREE CHIPPERS
- HORIZONTAL GRINDERS
- STUMP GRINDERS

- TLB'S (BACKHOE LOADERS) -
- FRONT-END LOADERS -
- LOGGERS -
- HAULAGE TRACTORS -
- MOTOR GRADERS -



- MULCHERS

- BIOTURN COMPOST TURNER -
- BILLETER -
- STACKING CONVEYOR -
- PALLET SHREDDER -
- DIESEL BOWSER -
- BADGER SLEEPER -





PTO DRIVEN WOOD CHIPPERS

Bandit PTO driven hand-fed wood chippers are ideal options for farming and agricultural companies looking for a compact, but powerful wood chipper. These wood chippers are built for Africa.



ENGINE DRIVEN WOOD CHIPPERS

Bandit's engine driven hand-fed wood chippers can easily be towed behind a bakkie. The roadworthy trailers are built in Worcester, South Africa and fitted with Tier 3 engines.



WHOLE TREE CHIPPERS

Bandit's whole tree chippers are built using first-world technology, 35+ years of experience and worldwide expertise to provide quality whole tree chippers.



STUMP GRINDERS

Bandit's stump grinders range from a small handle-bar-controlled machine for backyard projects to large self-propelled track machines for high-production land clearing.



HORIZONTAL GRINDERS

Bandit's range of horizontal grinders or wood recyclers are built with first-world components and accepted worldwide.



BANDIT - EXPERIENCE THE BEST OF BOTH WORLDS

First-world technology and quality combined with African simplicity. The wood chipper unit is manufactured by Bandit Industries, Inc. with 35-plus years of experience in innovation and international research. These units are shipped to South Africa where they are fitted onto SABS-approved roadworthy trailers built at Africa Biomass Company in Worcester, South Africa. Engine-powered wood chippers are fitted with

Tier 3 South African standard diesel or petrol engines, depending on the wood chippers' specifications or clients' preferences.

Electric and PTO options are also available in various Bandit models. Add-ons are specifically selected to give you the best set-up and will provide you with a well-balanced wood chipper that will out-perform most other chippers on the market.





SETA ACCREDITED TRAINING FACILITY

Registered with FPM SETA, Africa Biomass Company is qualified to provide full hands-on training to wood chipper operators in the private & commercial sectors.

After completion of training, operators are fully certified to operate any wood chipping equipment.

Training Facility & On-Site Training

Training is provided at our training facility in Worcester at our head office OR can be provided on-site at a client's premises.



CONTRACTING TEAMS

Western Cape
Eastern Cape
Northern Cape

Limpopo
Mpumalanga





INTERESTING FACTS ABOUT US

±55 000 households' worth
of water saved in 2022

2017 Overall Winner:
Entrepreneur of the Year

Servicing the Biomass
Industry since 2004

± 2 500 line items total
stock available

SETA accredited wood
chipper training facility

Sole dealer for Bandit
Industries Inc. in Africa



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www.abc.co.za

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