

Help at hand

for commercial and small scale farmers



Commercial farmers often face over-supply or surplus of blemished fresh produce where much is sold at a loss or discarded as waste.

Smallholder farmers have not been acknowledged for the important role they play in food supply and nutrition – not only for rural communities but for city dwellers as well.

They have been largely excluded from

participation in the value adding chain - due to lack of infrastructure, technical assistance, and economic constraints.

Today there are a number of initiatives that support small scale agriculture as a viable enterprise.

This is where "Dryers for Africa" can offer viable solutions to addressing the above, by adding value to virtually any agricultural crop.

Drying offers a number of benefits which include:

- **Stability and extended shelf-life**
- **Waste reduction by utilising excess, blemished or second grade products**
- **All year availability**
- **Reduced transport costs**

AGRI-DRYERS

Dryers for Africa offers a range of Agri-Dryers that cater for the small-scale and large commercial producer.

The Agri-dryers are manufactured using only high quality insulated panels, high performance fans, aluminium and stainless steel sections and approved components.

Each Agri-dryer comes standard with the following items:

- stainless steel trolleys
- food grade plastic drying trays
- digital temperature and auto humidity control (optional)
- user manual and video
- on-line support.

The controlled environment afforded by the dryer, provides a clean and safe environment, is energy efficient with excellent thermal properties, and is relatively inexpensive.

Hamish Brebner, company director says, "Our dryers also require minimal maintenance, are easy to operate and suitable for a small area.

Vvarious heating energy options available:

- Electricity
- LP gas
- biomass hot water
- solar assistance.

The CD1500 refurbished insulated shipping container dryer is proving very successful as it is fully assembled in our workshop, and therefore only requires on-site commissioning and training.

We also offer dedicated solar dryers where lack of infrastructure or favourable climatic conditions warrant it.

To further assist the producer, we will advise and supply ancillary equipment to the operation i.e. work tables, scales, sorting and washing conveyors, packaging solutions, cold storage rooms etc.

EMPLOYMENT OPPORTUNITIES

According to Brebner small scale processing offers a wide platform for employment of:

Struggling communities and small scale farmers:

Struggling communities and small scale farmers can combine their efforts and process their combined raw materials to create value-added products for resale.

This provides more employment and helps to reduce food waste within a community.

Previously disadvantaged:

People of all ages, genders and races can benefit from a processing facility.

Disabled:

Due to the simple operation of the plant components, the disabled are easily accommodated and tasked with duties they are capable of performing.

Unskilled:

Minimal training is required to process the fruits, and illiteracy is not a limiting factor.

Aged:

The simplicity of the system allows for the aged to be assigned duties that they are capable of performing without too much exertion.

Dryers for Africa also offers a turnkey small-scale Juice Processing line which includes:

- **Fruit Mill**
- **Brush Finisher**
- **100l/h continuous tubular pasteurizer**
- **Filling station**

ADVANTAGES OF AGRO-PROCESSING DEVELOPMENT

- Enhances potential for food security
- Reduces poverty
- Reduces environmental impact (gas and water contamination)
- Generates income
- Reduces hunger and malnutrition
- Lessens post-harvest food wastage
- Increases individual skills and training development
- Empowers small scale farming communities
- Encourages self-sustainability and best practice farming
- Creates community partnerships

