SUGAR CANE MILLING

Our Innovation. Your Advantage.
Sugar Cane Milling

Bradken is a leading manufacturer of transport solutions and consumables for the sugar cane milling industry. With over 40 year's experience in this field, Bradken has distinguished itself in providing cost effective quality products to suit customer needs. A dedicated team with the skills and knowledge of the consumables used in the sugar cane milling industry, is based in Innisfail, North Queensland, Australia.

Cane Transport

Bradken designs and manufactures all sizes of Rail Wagons with various methods of discharge to efficiently and safely transport harvested sugar cane from the paddock to the factory at the most economical cost per ton of cane. We specialize in narrow gauge (610mm/24in) applications, but can apply the same designs to wider gauge railways if required. From the complete wagon to individual component spares and couplers, all aspects are covered in any quantity large or small.

- Cane wagons complete – 4, 6, 10, 11 & 15 tonne
- Capacity for narrow and wide gauge railways
- Automatic and manual couplers
- Wheelsets, axles, axle boxes and components
- Wheelset and wheel refurbishment
- Wagon chassis, sides and ends
- Wagon bogies

Locomotive Components

Bradken offers a range of complete locomotive components through to specialized spare parts for all sizes of cane railway locomotives.

- Complete locomotives
- Locomotive wheels
- Automatic and manual couplers
- Buffers
- Side rods
- Drive axles
- Sand boxes
- Bearing housing and seal carriers
TURNOUTS
RAIL CROSSINGS
SWITCH BLADES
HAMMER
SHANKS
REAR DUMP
SHREDDER DISCS
ANVIL BARS
WHITE IRON WEAR
GRIDBAR
Railway Products

Bradken designs and manufactures all aspects of rail components such as turnouts, crossings and sleepers for narrow gauge cane railway systems to ensure easy installation, low maintenance and long life. Individual components are supplied as spare parts in any quantities required.

- Rail turnouts and components of all sizes
- Rail crossings
- Insulated rail sections for road crossings
- Switchblades
- Steel sleepers
- Rail fishplates
- Tramway signal posts
- Rail ballast wagons

Road Transport

Bradken has the ability to design and manufacture various cane road transport scenarios. This could include side and rear pick up/discharge of bins up to 30 tonnes capacity.

- Rear dump and side lift removable wagons of various capacity up to 30 tonnes.

Cane Shredder Components

Cane shredder components are engineered to provide the highest level of performance, whilst providing a longer product life, which in turn requires less maintenance. Shredder hammers, hammer tips and gridbar products are available in a wide range of dimensions and configurations, are easy to fit and can be adapted to suit a wide range of operating shredders.

- Hammer shanks
- Hammer tips - white iron and tungsten carbide
- Shredder hammer pivot bars
- Gridbar segments – weld-on & bolt-on
- Anvil bars
- White iron wear tiles
- Duplate® side plates with white iron inserts
- Complete gridbar repair and construction
- Shredder discs
- Cane knife edges
Cane Elevator & Intermediate Carriers

Cast and fabricated chain and components are manufactured in a range of sizes from 6 inch to 18 inch pitch and can be made in a variety of materials to suit the mills individual requirements.

- Chain links - 6, 9, 12, 18 inch pitch, pins and bushes
- Carrier and elevator rakes
- Refurbishment of chain links

Mill Components

Bradken manufactures a large range of consumable and wear components that are used inside a modern sugar factory. We can design solutions and manufacture to specific customer requirements.

- Sugar roller pinions
- Low speed gearing construction
- Mill static flanges
- Scraper teeth with white iron inserts
- Return plate teeth with white iron inserts
- Spikey tooth wear blocks
- Pressure feed chute side plates
- Mill roller flange bolts
- Mill tailbar supply and repair
- Mill coupling supply and repair
- Return plate repair and construction
- Pump shafts
- Fugal shafts
- Mill full & empty yard pushers
- Bucket chain for sugar elevators
- Duaplate screw flygts
- Mill yard light poles
- Small to medium sized holding tanks
- Wear overlay plate – Duaplate® and Vidaplate®
- Wear blocks of all shapes and sizes