



Centre For Advanced Manufacturing



Extruder Dies



Extruder Screw Elements



Feed Screws & Feeders

CFAM Extrusion Technology

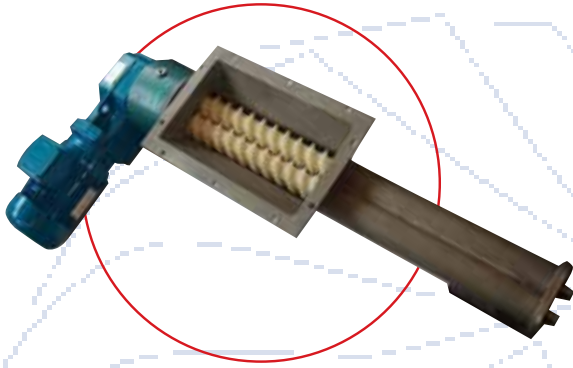


Barrels & Barrel Liners



Re-design & Retrofitting

Feed Screws and Feeders



CFAM manufactures high quality, machined, single- and twin-feed screws for use in the extrusion process. We have the capability and experience to manufacture feeder screws from 6mm in diameter to 200mm in diameter!

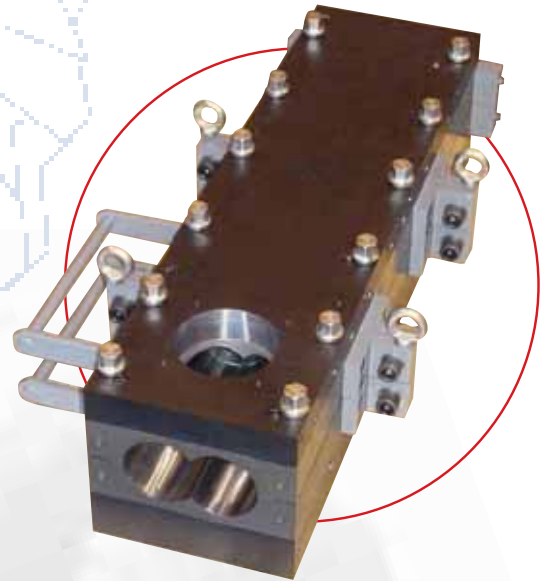
We can also supply affordable, good quality replacement feeder screws for all twin-screw feeders used in the extrusion industry.

CFAM further manufactures robust, efficient replacement gearboxes for a number of commonly used twin-screw feeders. CFAM manufactured a number of single and twin-screw feeders for our customers in the past. In the near future, we will launch our own range of gravimetric and volumetric twin-screw feeders. Watch this space!



Redesign & Retrofitting of Extruder Components

Through the years, CFAM has gained a lot of experience in the field of twin-screw extruder technology. We offer our customers a personalised and dedicated service. We redesign and retrofit existing equipment with new screw and barrel technology to improve the performance and cost effectiveness of the equipment used by our customers.



Extruder Dies

CFAM manufactures top notch extrusion dies with a long service life for the following industries:

- Polymer profile extrusion
- Food and confectionery extrusion
- Aluminium extrusion

The EDM wire cut and spark erosion facilities that we use in the die production process are of the best and most technologically advanced available!

We have the capability and experience to design and manufacture die face cutters for all food extruder applications.



CFAM produces high quality products at internationally competitive prices for the twin-screw extrusion industry. We have established ourselves as leaders in the precision manufacturing of extruder parts and components in Africa.

CFAM's products have proven to be as good as, or even better, than any similar product available on the world market today.

Specialised

Extrusion equipment and
component
manufacturing

Extruder Screw Elements

All twin-screw extruder screw elements manufactured by CFAM are made to very high standards and exact tolerances. We use the highest quality wear resistant materials available, and take special care during the heat treatment of the elements to ensure that the optimum service life is obtained from every component. CFAM has the capability and experience to manufacture screw elements for twin-screw extruders up to 200mm in diameter, with any shaft configuration.



Replacement Barrels and Barrel Liners

CFAM manufactures excellent quality, affordable replacement barrels and barrel liners for most makes of twin-screw extruders used in the food, polymer and pharmaceutical industries. Over the years, CFAM barrels and barrel liners have proven themselves over and over again and compete comfortably with any other similar products available on the international market. We strive to give our customers the competitive edge by producing affordable and cost effective extruder replacement parts that are of outstanding quality.



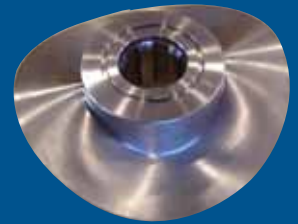
Excellent quality
Internationally Competitive
Established
Precision

Specialised high-precision manufacturing

The state-of-the-art advanced manufacturing facility at CFAM is equipped with some of the best manufacturing technology available in the world market today.

The manufacturing facilities include:

- Full 4- and 5-axis CNC machining centres with digital tool-setting and measuring technology
- CNC turning with digital tool-setting and measuring (as above) technology
- Precision CNC EDM wire cutting up to 500mm thick!
- Submerged CNC EDM wire cutting



CFAM manufactures high precision specialised parts and components for the following industries:

- Defence
- Automotive
- Food processing
- Nuclear
- Explosive manufacturing
- Mining and rock drilling
- Plastic injection moulds and moulding



At CFAM, we believe that nothing is impossible!

The more complex the manufacturing problem, the
greater the challenge and the opportunity to excel!



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