



# APRON PLATE FEEDERS

Heavy duty reliable feeding



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# HEAVY DUTY APRON PLATE FEEDERS

The MMD Heavy Duty Apron Plate Feeder is designed to handle high impact loads created from large ROM material directly dumped\*. Used in many types of mineral and ore applications around the world, plate feeders are key to providing reliable and controlled throughput.

Designed to handle impact loads and abrasive materials, they are often arranged beneath tipping points, where their combination of reliability and robustness has proved to give many years of trouble-free operation with minimal maintenance.





# KEY CHARACTERISTICS

Designed to be fed directly\*, our heavy-duty, robust Feeders are built to the highest quality, maximising reliability & productivity



## HEAVY DUTY DESIGN

MMD Feeders are engineered with top-quality, heavy-duty components to endure even the most demanding materials and environments. Our Feeders boast a welded frame that is both sturdy and durable, as well as heavy-duty sealed and lubricated tractor chain and rollers that are built to last.



## DIRECTLY LOADED AT ANY TIME\*

The use of superior, high-quality materials and robust design enable the Apron Plate Feeder to handle direct loading.

\* subject to plant and loading details



## EASY AND SAFE INSPECTION & CARE

Our Apron Plate Feeders are designed for minimal maintenance with sealed and lubricated wear components that can be visually inspected while the machine is running.



## MAXIMUM RELIABILITY

MMD are committed to the highest standards in all areas of our operations, products, and services. Our project management and quality control systems are ISO 9001 certified by Lloyds Quality Assurance Limited, ensuring maximum quality and reliability.



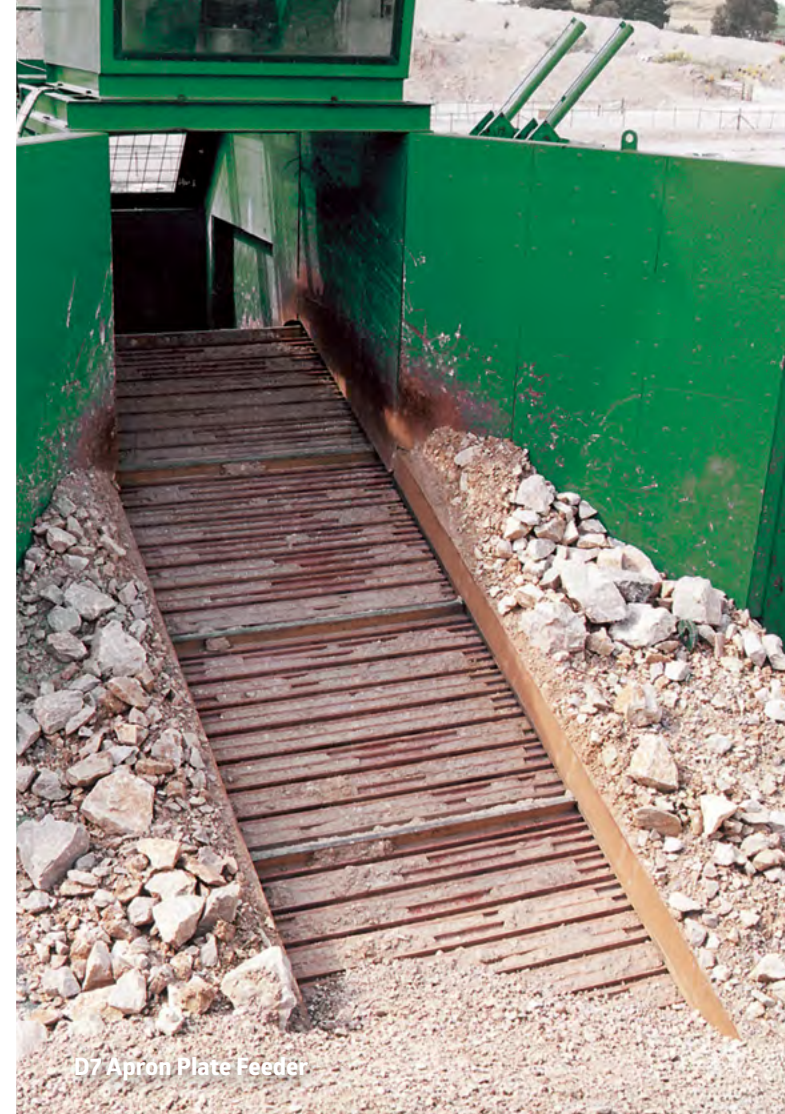
## REGULATED THROUGHPUT

By using variable speed drives, our Apron Plate Feeders provide precise control over the production throughput, enabling plant operators to optimise their capacity and efficiency.



## SUPERIOR APRON PLATES

Rolled steel plates rather than cast plates, deliver improved impact resistance from heavy shock loads. Also provides tighter tolerances to maximise performance and reduce maintenance.



D7 Apron Plate Feeder



D9 Apron Feeder with electro-mechanical drive



D10 Apron Plate Feeder with hydraulic drive



MMD Feeders can be loaded directly



D10 Apron Plate Feeder on tracks (The Fully Mobile Surge Loader)



Overlapping rolled steel plates maximise performance



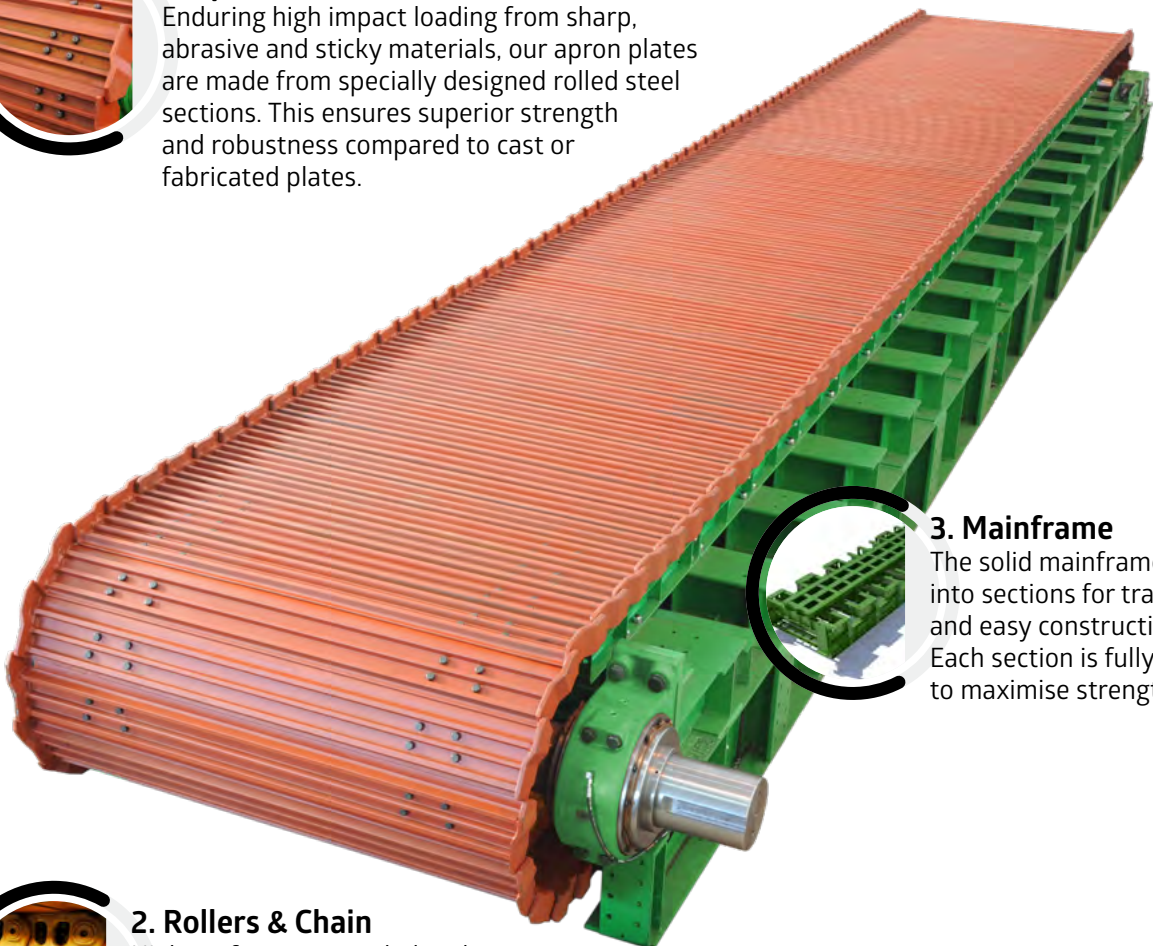
# KEY COMPONENTS

MMD Feeders are engineered with top-quality, heavy-duty components to endure even the most demanding materials and environments



### 1. Apron Plates

Enduring high impact loading from sharp, abrasive and sticky materials, our apron plates are made from specially designed rolled steel sections. This ensures superior strength and robustness compared to cast or fabricated plates.



### 3. Mainframe

The solid mainframe is split into sections for transport and easy construction. Each section is fully welded to maximise strength.



### 2. Rollers & Chain

High performance sealed and lubricated tractor chain and rollers ensure low maintenance and high reliability.

## FEEDER RANGE

All dimensions are in millimetres, and may vary dependant upon configuration. Not to Scale.

Type	Effective Width	Overall Width	Overall Lenght
D4	1,500	2,160	1,200
D7	2,000	2,775	1,480
D9	3,000	3,990	1,960
D10	4,000	5,025	2,260

MMD also design and manufacture Feeder Breakers and Chain Feeders for underground or surface applications.



# TAILORED SOLUTIONS

Every operation is different, that's why our feeder systems are expertly tailored to deliver the best performance



Apron Plate Feeder in a coal operation



Directly fed by dragline



Semi-Mobile Apron Plate Feeder being fed by bulldozer



Feeders provide precise control over the production throughput

# TAILORED SERVICES

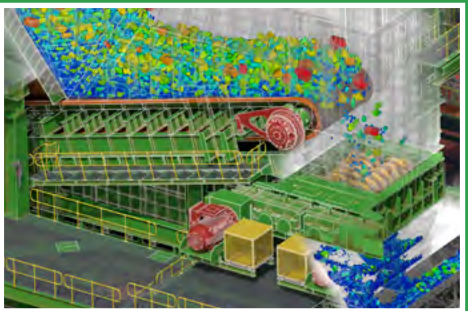
## Optimising performance

MMD prides itself on not just being a supplier but a trusted partner, ensuring our solutions and services helps with challenges customers face daily.

As a true turnkey supplier, we offer services and support covering conceptual planning and detailed design engineering through to manufacture, installation as well as aftersales service, training and repairs.

Our global network of offices, workshops and manufacturing facilities provides quick and easy access to technical knowledge, service and spare parts. The local offices and service teams are well equipped to provide:

- On site service
- Maintenance and repairs
- Spare parts
- Training
- Scheduling
- Troubleshooting
- Spare parts







MMD is a leading designer and manufacturer of mineral processing equipment and services for the mining, metallurgical, industrial minerals and alumina industries, among many others.

We have fully equipped centres around the world to deliver a proactive service to your operation. When you buy from us, you can expect comprehensive training from experts, enabling you to get the most from your equipment.



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\* Direct loading subject to plant and loading details

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