



FEEDERS

MATERIAL DELIVERY SOLUTIONS

Plate apron, vibrating grizzly, reciprocating tray,
electromagnetic, vibrating pan, and belt

Standard & Optional Features

Custom feeders, designed for individual requirements



ROCKTEC
Rock Technology



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Rocktec has more than 15 years of experience in the design and manufacture of feeder solutions. Rocktec offers a range of feeders to suit all material delivery solutions. From primary Apron Feeders to product blending Belt Feeders, Rocktec has a product available to suit your application.

All Rocktec feeders are built to withstand the harshest of operating conditions and designed to give maximum throughput with minimum maintenance. Custom feeders are designed to suit individual site requirements, when a standard installation is not suitable.

Talk to Rocktec about the possibilities for your site.

➤ Reciprocating Tray Feeder

Designed for primary and secondary applications, the Rocktec Reciprocating Tray Feeder can handle the heaviest of material head loads without affecting the feed rate. The heavy duty construction and armour lining allow loading of heavy material directly onto the tray.

The reciprocating hydraulic action allows endless adjustment of feed rate with an almost instantaneous start-up and stop time. A hydraulic ram is used to slide the feeder tray back and forth to an easily adjustable pre-set stroke.

Stand features include:

- Heavy duty construction
- Heavy armour plate lining
- Complete sub-frame assembly
- Roller mounted tray
- Heavy duty carriage and frame
- Adjustable stroke
- Hydraulic power pack

Optional features include:

- Automation controls
- Special paint coatings
- Variable speed drive

Model	Width (m)	Length (m)
P0842	0.8	4.2
P1042	1.0	4.2
P1045	1.0	4.5

Hydraulic power packs for above models - 15kW

Other sizes are available on request to suit all needs.

➤ VIP Series Feeder

Designed for smaller applications with budget in mind, the VIP Series Feeder has been designed around a simple eccentric shaft. This provides a quiet and efficient action to give years of trouble free operation.

Standard features include:

- Heavy duty construction
- High efficiency
- Quiet operation
- Eccentric shaft drive
- Low maintenance
- Screw adjustment
- Flange mount to hopper
- Feed rate up to 130m³/hr

Optional features include:

- Dust encapsulation
- Special paint coatings
- Variable speed drive

Model	VIP400	VIP600
Power (kW)	1.5	2.2
MAX Feed Size (mm)	125	200
MAX Feed Rate (m ³ /hr)	45	110
TPH @ 1.6T/m ³	70	180



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➤ F Series Feeder

The Rocktec F Series Feeders are built for high capacity feeding, with twin vibrating motors and heavy duty construction. Five sizes are available to suit your application.

Standard features include:

- Heavy duty construction
- Twin vibrating motors
- Adjustable weights
- Screw door adjustments
- Rubber spring mounts

Optional features include:

- Bolt in tray liner
- Dust encapsulation
- Special paint coatings
- Variable speed drive

Model	F350	F500
Power (kW)	2 x 1.2	TBC
MAX Feed Size (mm)	250	TBC
Max Feed Rate (m3/hr)	190	250
TPH @ 1.6T/m3	300	400

Also available:

- F250
- F1000
- F1200

➤ Belt Feeder

Rocktec Belt Feeders consist of a simple stringer type conveyor frame with a belt supported by rollers. With various lengths, widths and belt speed ranges available, the Belt Feeder is ideal for delivering sand and gravel where volume control is most important.

Power requirements are low and, when equipped with a weigh scale system, the unit can be integrated into a complete process control system.

Standard features include:

- Stringer type frame
- Solid head & tail drums
- Close coupled motor & gearbox

Optional features include:

- Weigh scale
- Flange mount to hopper
- Variable speed drive
- Special skirting
- Belt cleaning
- Ribbed edge belt

All Rocktec Belt Feeders are available in standard belt widths. Each feeder is designed and manufactured to suit your requirements.

N.B. All capacities are nominal only and, due to variations in density and gradings, cannot be guaranteed by Rocktec. Please contact Rocktec with specific feed material data for us to recommend the correct feeder for you.

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