



GAINWELL
ENGINEERING

FEEDER BREAKERS GFB110

Feeder breakers

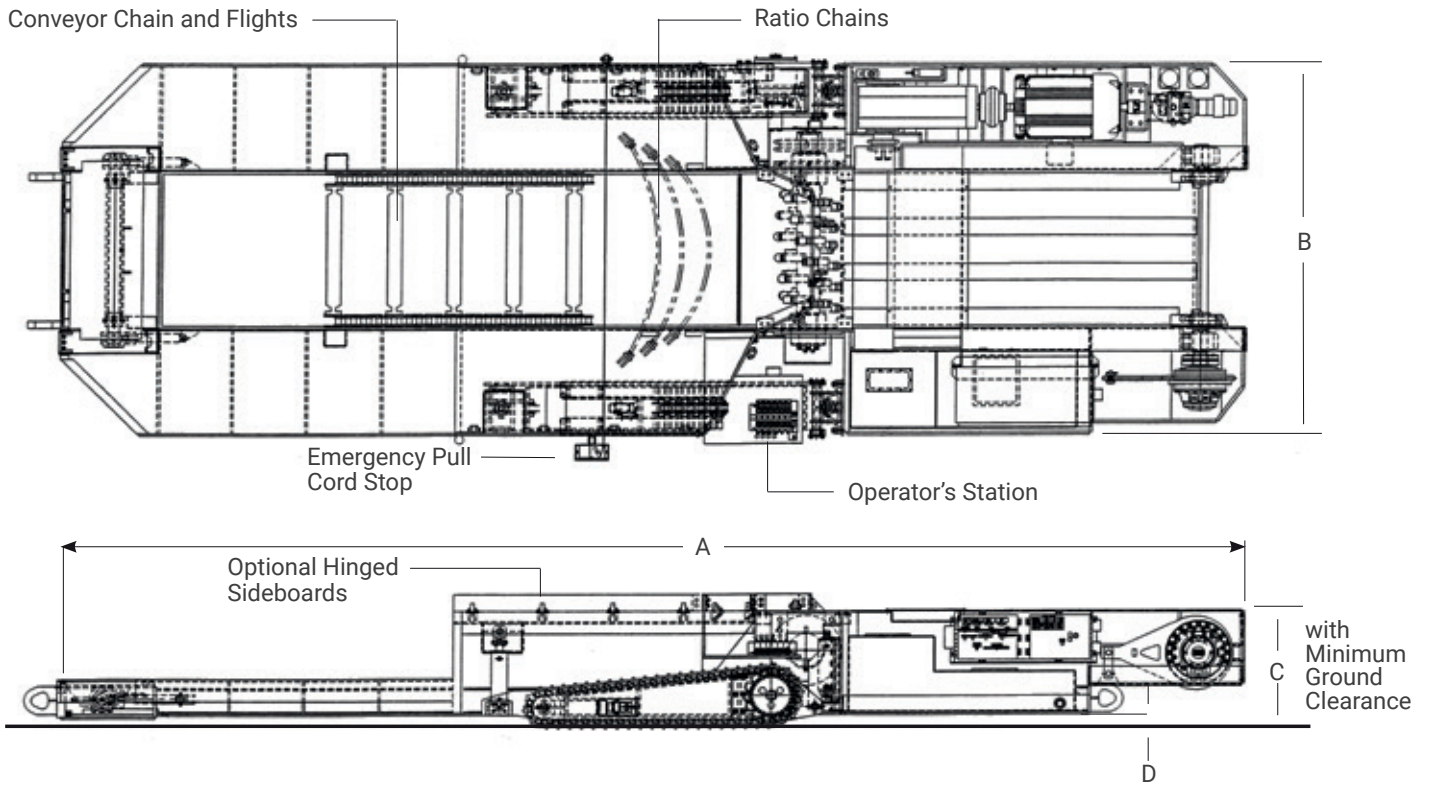
Feeder breakers allow haulage vehicles to quickly discharge their payloads. They break mined material down to belt size and the ratio chains feed the broken material onto a conveyor belt, reducing the risk of conveyor belt jams and spillage. Gainwell feeder breakers do the job with a large intake hopper capacity and high throughput rate. The high-speed/high-torque traction system has torque hubs instead of the hydraulic motors used on competitive models, delivering higher tram speeds for section moves and higher torque-to-ground for greater tractive effort.

Features

- Up to 1 633 tonnes/hour (1,800 tons/hour) discharge rate 27,200kg (60,000lb) pick force
- 126,980 kg/strand (280,000lb/strand) ultimate strength, engineering class, rollertype conveyor chain
- 25mm(1.0 in) AR400 frame side steel 25mm(1.0 in) plate fabricated hopper
- Hydraulically-adjustable ground clearance
- High tractive effort achieved with torque hub planetary crawler drive
- 14 m/min (47 ft/min) tram speed

Optional Features

- Shear pin or torque-limiting coupling breaker drivetrain protection
- Hydraulic, hydro-mechanical or electro-mechanical conveyor drives are available depending on application parameters and operation's preference
- Chromium Carbide Overlay coal line
- Customer hopper capacity design to suit application
- Hopper sideboards
- Shovelnose, 3-way dump, or face hauler hopper end
- Integral mounted belt tail roller with stabilizing hydraulic cylinders
- Ansul™ dry-chemical fire suppression system
- Electric solenoid-controlled dust suppression system
- Direct drive breakershaft and headshaft



| Model | A | | B | | C | |
|--------|---------|------------|--------|------------|--------|-----------|
| GFB110 | 10.28 m | 33 ft 9 in | 3.43 m | 11 ft 3 in | 0.73 m | 28-5/8 in |

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