



Tecnetics Industries, Inc.

QC10/V10 Vol. FEEDER

40:1 TURNDOWN
QUICK CHANGE DESIGN



A Simple Feeder - Is Now Extraordinary!

Tecweigh® Volumetric Feeders Renowned for their Simple and Effective Design, has New Valuable Features!

When our customers asked what we could do for them to speed up product change over time, we listened. We came up with the quickest way to empty a flexible hopper style feeder in the entire industry, and we call it the QC10. Tecweigh's industry changing QC10 will drastically reduce down time and provide additional man hours to your company! Whether it's Quick Change, Quality Control, or Quick Clean, this feeder will make your company Quick Cash...

The QC10 is the first Flex Feed® feeder in the industry that is designed with features specifically for production lines that change product frequently. In the past the process of emptying a feeder's hopper could take 10, 20, 30 minutes or more. That time was probably reduced by putting a worker in harms way, hand scooping material from an unsafe perch on a ladder. Well those days are gone.

The QC10 will make you more money!

Just think how fast the QC10 would pay for itself. How many times during a week do operators empty feeders at your facility? If you add up the number of product changes that occur in a day, the QC10 will pay for itself in days or weeks! Not months and years like all other investment expectations.

Tecweigh's® QC10 is an investment you can't afford not to make!

A Simple Sequence of Operation easy to Implement!

The Tecweigh® QC10 single drive feeder couples a unique Flex-Feed® polyurethane hopper with an opening in the bottom and the ability to agitate the hopper without driving the auger. When the user needs to change material they begin by stopping the feeder, and replacing a reclaim container underneath.

Then simply open the bottom discharge slide gate (or remove the plug) and run the drive motor in reverse. This will cause the paddles to agitate the hopper, but not reverse the auger, leaving a clear path to the bottom discharge opening. Three cubic feet of flour will discharge from the extension hopper in less than 30 seconds!



For customers that want to completely remove material from the hopper AND feed tube we can do that too. Upgrading the unit to a dual drive, one motor for the paddles and one for the auger, allows greater flexibility. When discharging material, the paddles are activated first until the hopper is empty. Then the auger motor is driven in reverse thereby clearing the feed tube by pulling the material back into the unit and out the same bottom discharge opening.

But we didn't stop there; we've made other improvements too!

QC10/V10 Features and Options

Flex-Feed® Hopper

- Industrial grade
- Food grade
- Chemical resistant

Comes with an exclusive 5 year warranty

Cabinet Design

- 10Ga welded stainless steel cabinet
- Removable bottom pan for easy cleaning
- Minimized horizontal surfaces
- Externally mounted reducer and motor

Agitation Paddles

- NEW three sided agitation
- Heavy duty stainless steel construction
- Unique design minimizes hopper wear
- Sealed bearings standard
- Food grade wash down bearings optional

Drive Assembly

- NEW quiet running Polychain® drive
- NEW planetary gearbox with C-face input standard
- NEW 1/2 HP AC Inverter duty motor
- Stainless steel drive components optional
- Custom motor options easily accommodated

Controls

- NEMA 12, 4 or 4X control enclosures
- Tecweigh tested VFD for 40:1 turndown
- Digital potentiometer
- Illuminated On/Off switch
- Remote interlock
- Remote analog set point
- 230/3/60 or 460/3/60 input power

Fast Assembly and Disconnect

- Quick disconnect design auger and feed tube
- Patented cartridge drive bearing assembly

Options Available

- Independent paddle speed control
- Tach feedback
- Analog speed indication feedback
- 316 stainless steel construction
- All stainless steel construction
- Extension hoppers and covers
- Explosive environment controls enclosures and motors
- Gain/Loss of weight batch controllers
- Continuous Loss in weight controllers
- Single phase input power options
- DC motors and controls
- Custom feed tubes
- Stainless steel motors
- Steel It® painted reducers



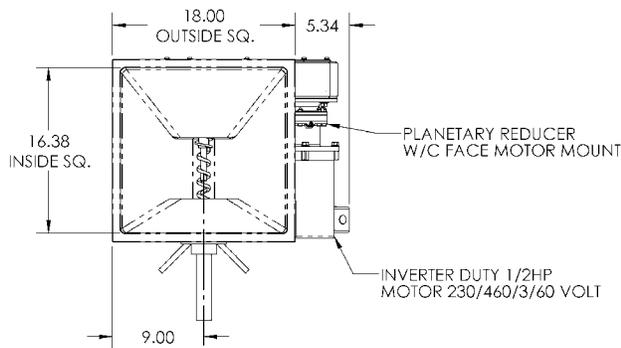
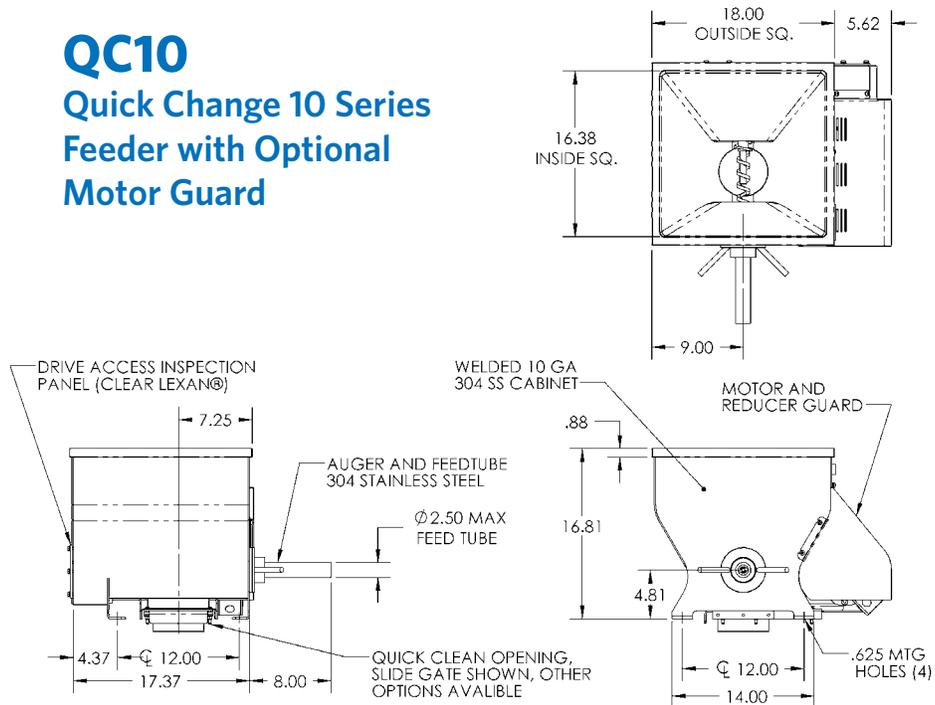
Patented bottom discharge opening can be fitted with slide gate or removable plug.



Quiet running cogged belt drive and robust drive construction.

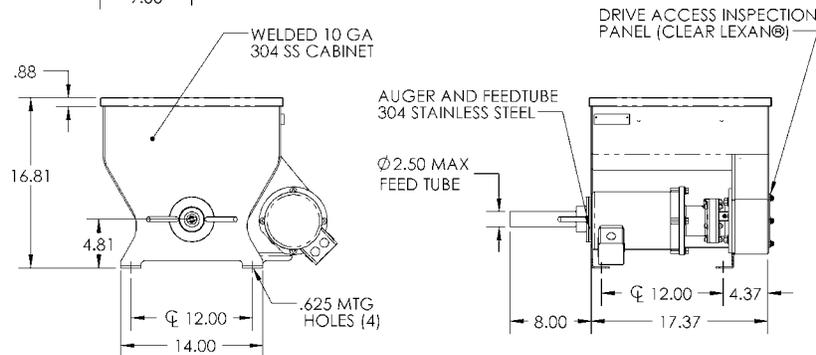
QC10

Quick Change 10 Series Feeder with Optional Motor Guard



V10

Volumetric 10 Series Feeder with 40:1 Turndown AC Drive



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