

X Series

Continuous Gravimetric Blender



The X Series: designed to produce precise, homogeneous blends by weight (pictured is an XLG4)

The X Series Continuous Gravimetric Blender offers unsurpassed blend accuracy and blend homogeneity in a wide range of configurations to meet the needs of any application. For extruder throat-mounted applications, the X Series Blender comes equipped with an integral downcomer to preserve the blended material all the way to the extruder without demixing. For mezzanine or off-line mounting, the blender does not include the downcomer and is designed to work with a number of

different options for storing the blended material prior to its use.

Operation

The operator enters the desired blend recipe at the operator station. All ingredients are simultaneously metered in the correct blend ratios by inclined augers from individual weighed material hoppers. The ingredients flow through a cascade chamber which produces the best blend homogeneity.

Mechanical Features

- Individual weighed ingredient hoppers with easy-to-use drains
- Interchangeable metering units with quick disconnect
- DC gearmotors with PWM drive control and closed-loop speed regulation
- Integral loading platform for mounting vacuum receivers
- Designed for easy cleanout and quick changeover
- Mild steel construction

Control Features

- Powerful microprocessor control system with user friendly operating software
- Blender monitors weight loss of each ingredient hopper for precise control of blend ratios
- Weighing system resolution is 1:1,000,000 for maximum accuracy
- Vacuum fluorescent display for easy viewing of inventory and performance data
- Storage for 400 blend recipes in battery-backed memory
- Multiple alarm levels with visual display and contact closures

Options

- Gravimetric Extrusion Control
- Steep-wall hoppers for regrind and other sluggish materials
- High temperature design

Power: 460 V/ 3 Ph/ 60 Hz

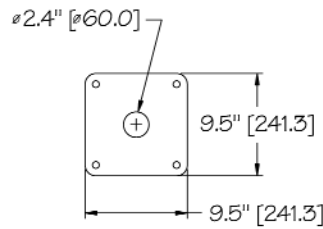
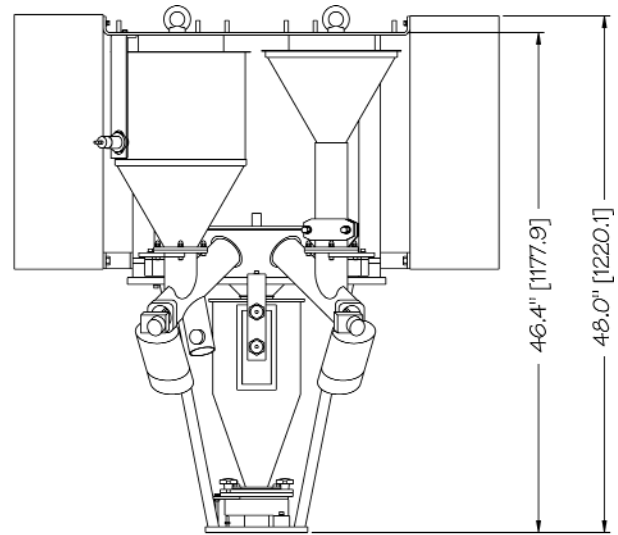
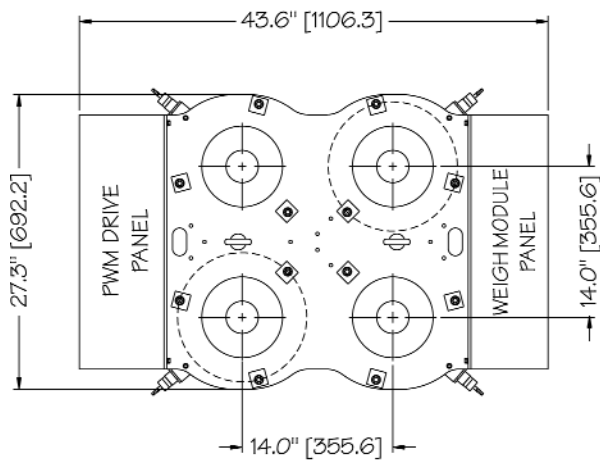


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XDG4 Series Continuous Gravimetric Blender

For Extruder Mounted Applications



[] dimensions are in mm

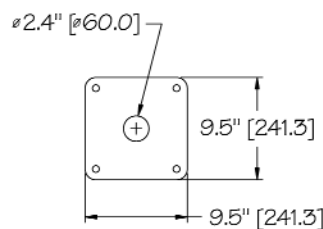
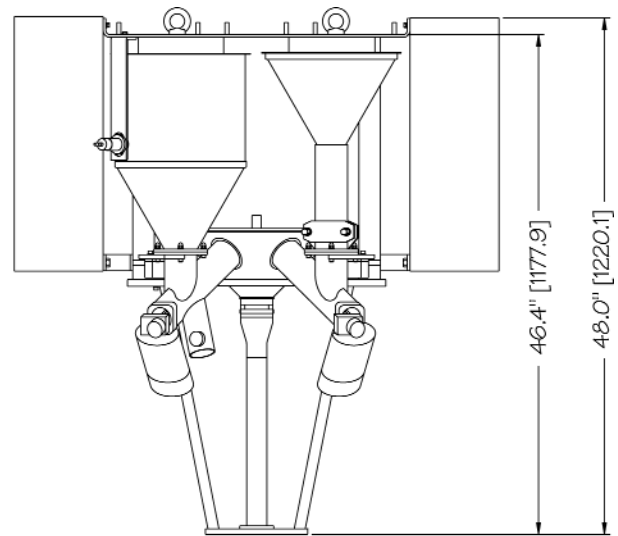
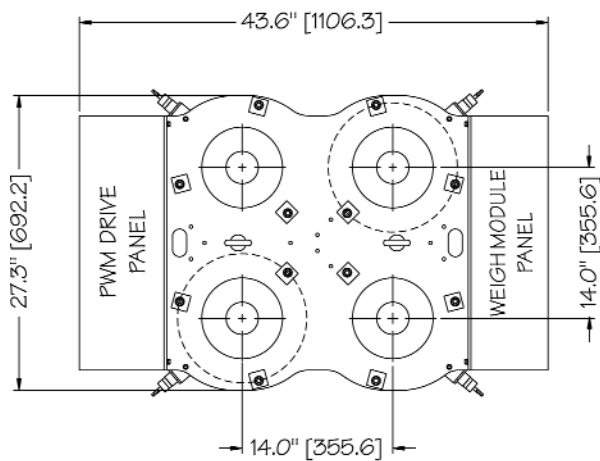
For throughputs up to 660 PPH

BASE PLATE

Approximate Shipping Weight = 400 Lbs.

XDC4 Series Continuous Gravimetric Blender

For Off-Line or Mezzanine Mounted Applications



[] dimensions are in mm

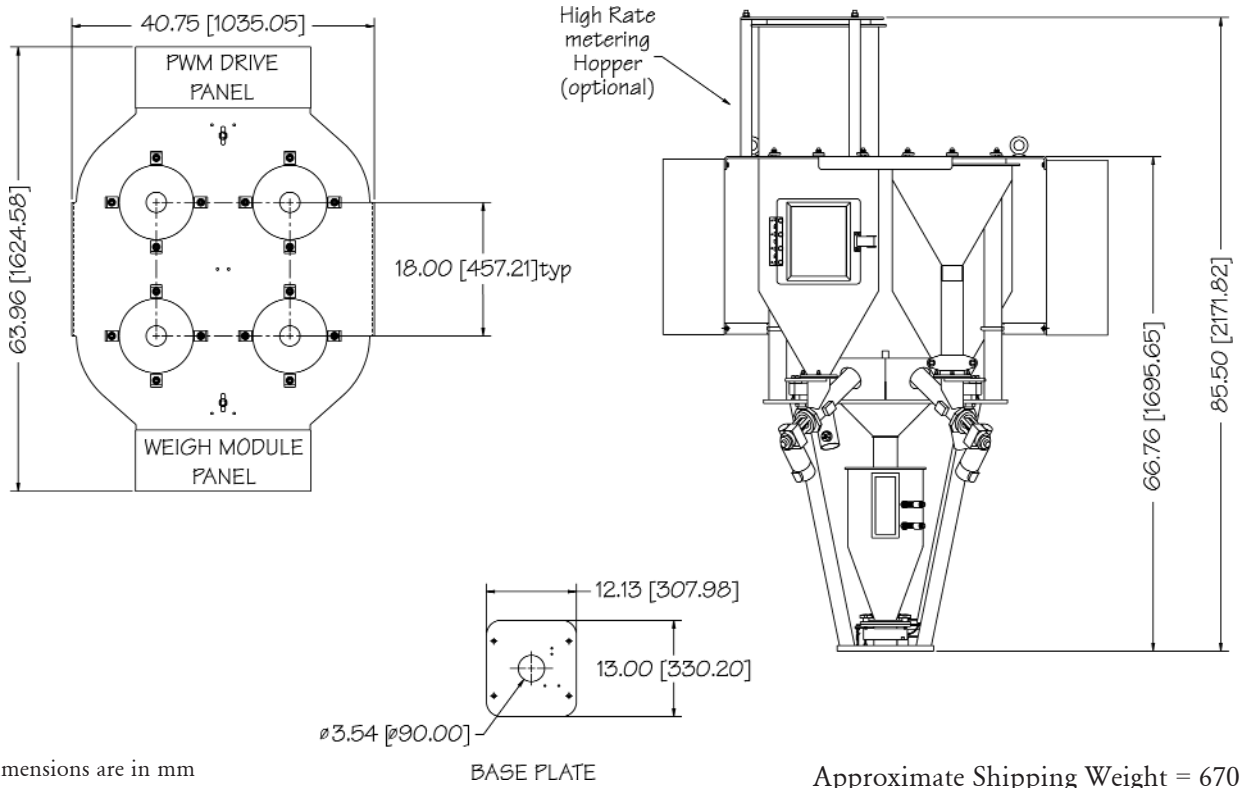
For throughputs up to 660 PPH

BASE PLATE

Approximate Shipping Weight = 370 Lbs.

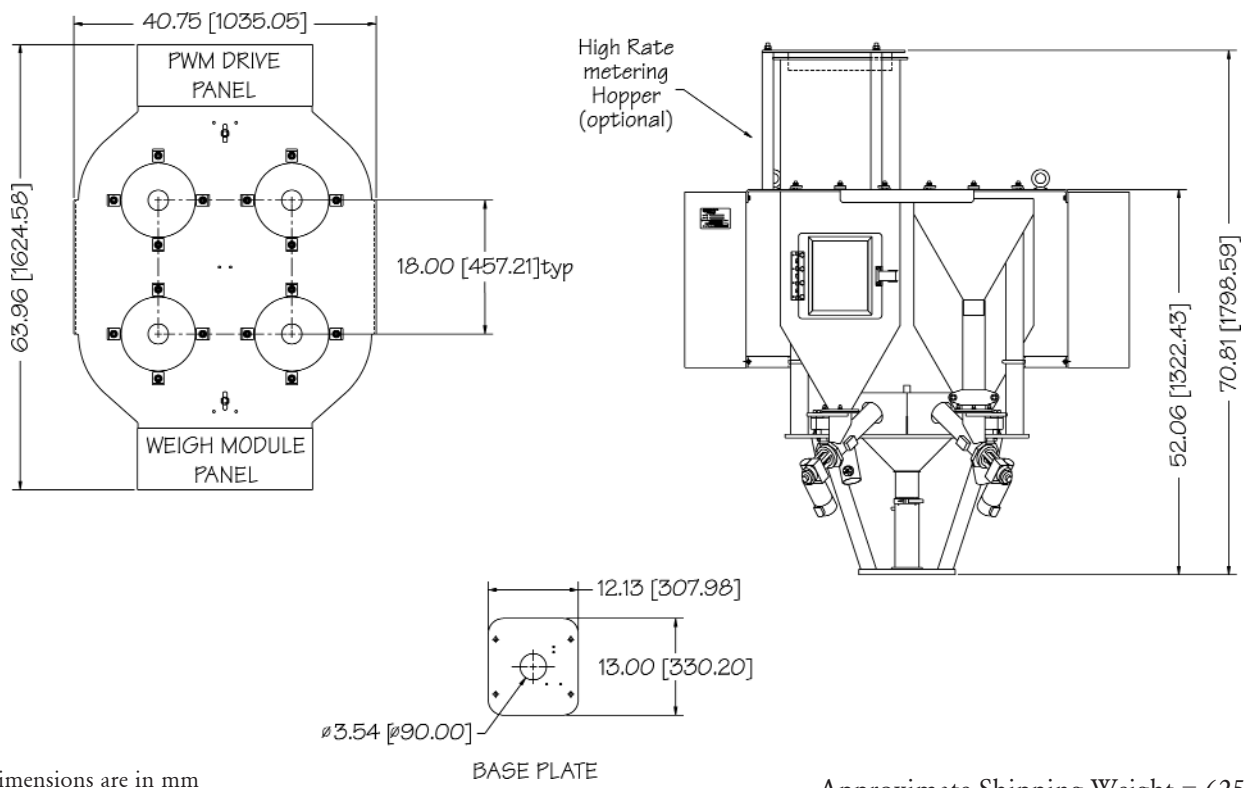
XLG4 Series Continuous Gravimetric Blender

For Extruder Mounted Applications



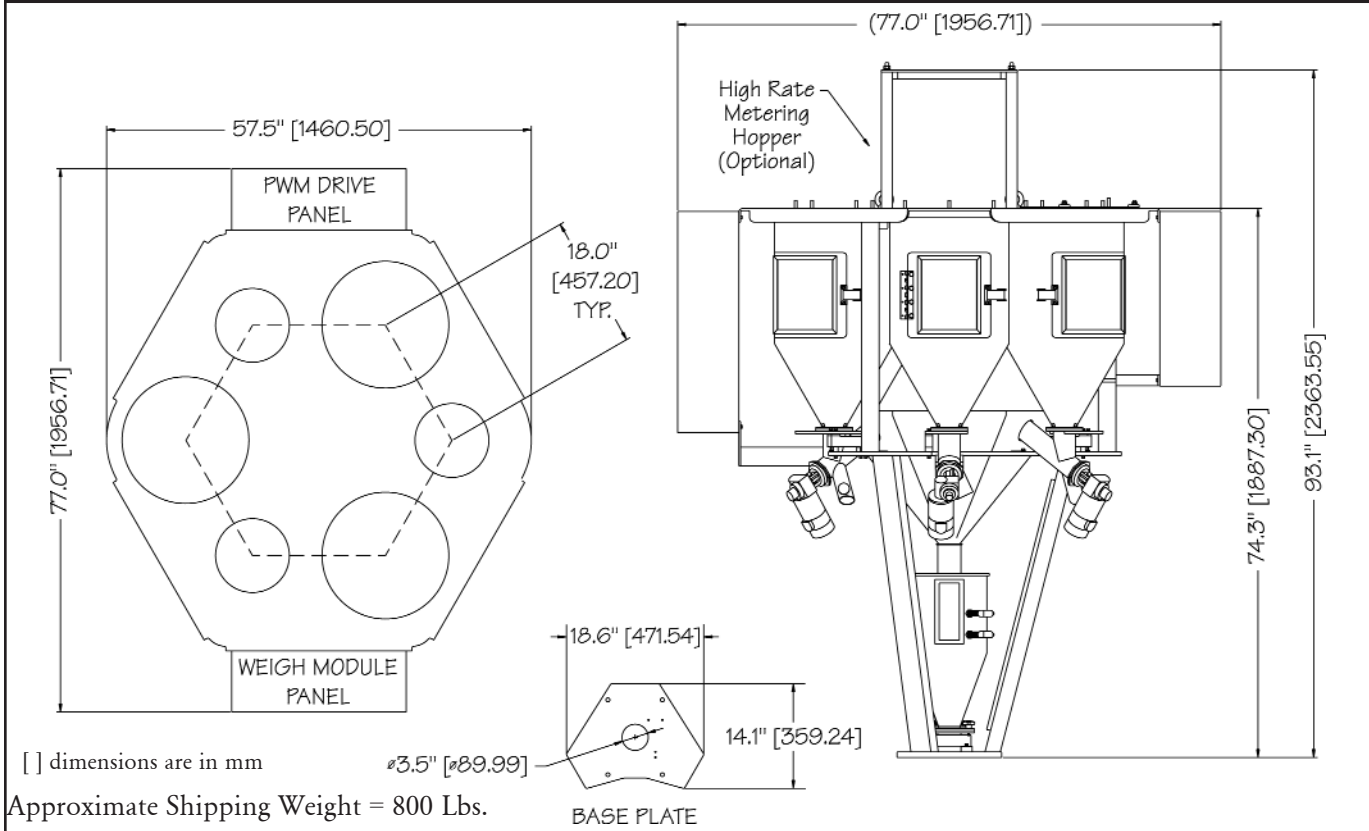
XLC4 Series Continuous Gravimetric Blender

For Off-Line or Mezzanine Mounted Applications



XLG6 Series Continuous Gravimetric Blender

For Extruder Mounted Applications



XLC6 Series Continuous Gravimetric Blender

For Off-Line or Mezzanine Mounted Applications

