

# X-Series

## Continuous Gravimetric Blender



*The X-Series: designed to produce precise, homogeneous blends by weight (pictured is a XGG4)*

The X Series Continuous Gravimetric Blender offers unsurpassed blend accuracy and blend homogeneity in a wide range of configurations to meet the needs of an 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 disconnection
- ▶ 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

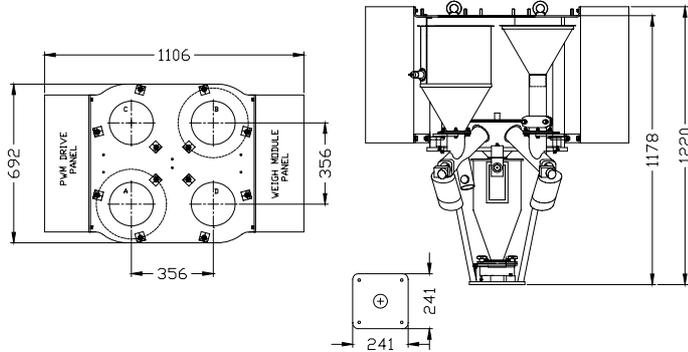
### Options

- ▶ Gravimetric Extrusion Control
- ▶ steep-wall hoppers for regrind and other sluggish materials
- ▶ high temperature design

### Power

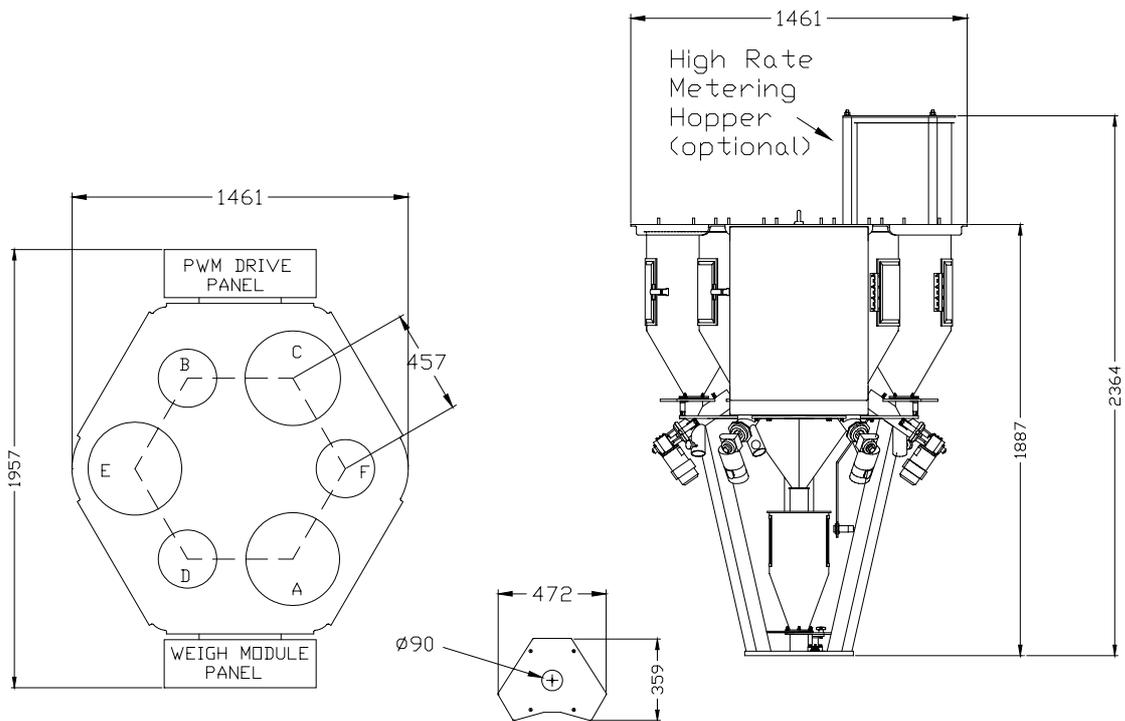
400V / 3Ph / 50Hz

# Continuous Gravimetric Blender



model XBG4

weight = ca. 182 kg



model XGG6

weight = 364 kg



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