

## 3HP X-Proof Dispermill

*Our lab series lineup of dispersers caters to a wide range of applications, from R&D laboratory analysis to pilot and small-scale production.*

*These machines deliver reliability, ease of operation, minimal maintenance, and operator safety. With a load of standard features and customizable options, we tailor our solutions to meet the unique requirements of each client.*

*Specifically, the 3HP Dispermill is designed for larger laboratory research and development projects, as well as pilot-scale up plants. Its H-shaped floor stand ensures optimal stability, while the counterweight provides a balance that facilitates the machine's smooth vertical movement using the ergonomic lever. The powerful motor maintains a consistent speed, unaffected by changes in viscosity, ensuring peak performance for your process. Additionally, the stainless-steel design simplifies maintenance, further enhancing its usability.*

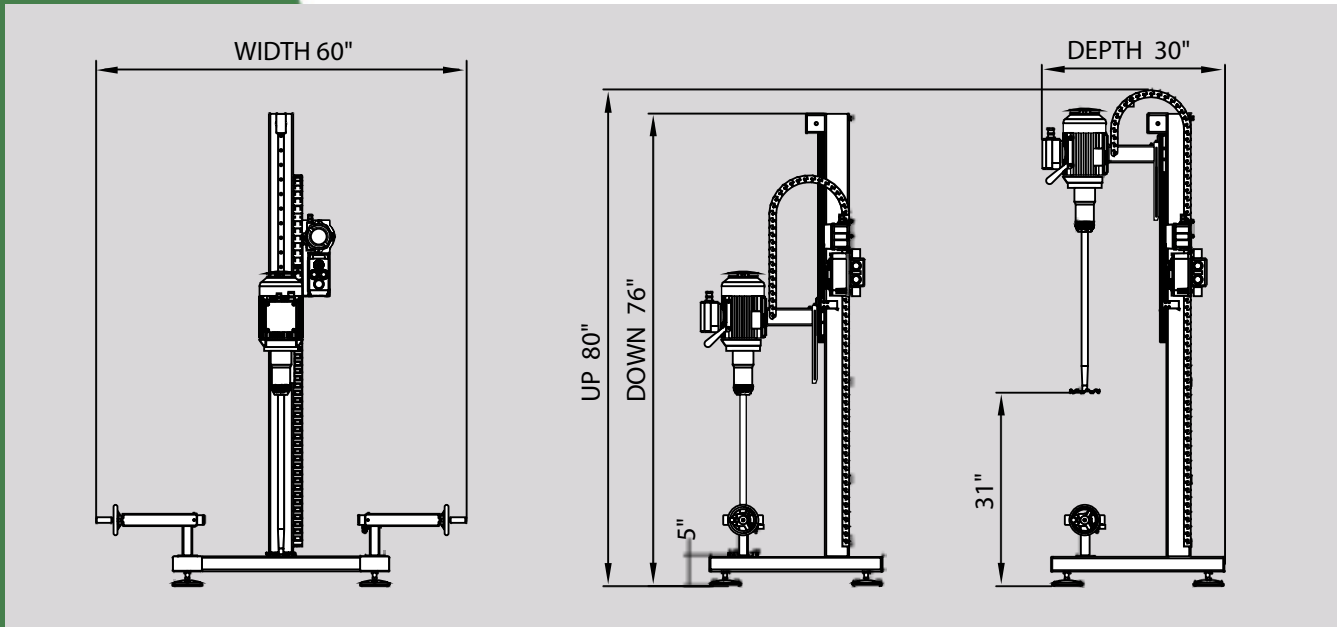


**Pilot Dissolver**

### Machine Features:

- ✓ Speed control by frequency inverter
- ✓ Digital speed readout
- ✓ Vessel clamping system
- ✓ Separate electronic cabinet
- ✓ 5 M cable between dissolver and electric cabinet
- ✓ (1) 125 mm Dispersing blade included

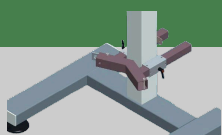
## MACHINE DIMENSIONS



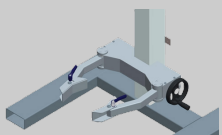
## TECHNICAL SPECIFICATIONS

1 in combination with default clamping system

<b>Power</b>	3 HP
<b>Supply</b>	400V +/- 10% 50/60 Hz, 16 Ampere
<b>Protection class</b>	Ex II 2G IIB T3
<b>Speed</b>	0 to 4,000 RPM
<b>Thermal protection</b>	PTC Temperature sensors
<b>Volume range vessel</b>	15 - 150 L
<b>Diameter vessel</b>	150 - 630 mm (min. - max.) 1 in combination with default clamping system
<b>Height vessel</b>	300 - 780 mm (min. - max.)
<b>Dispersing disc</b>	125 mm (interchangeable)
<b>Dimensions (in mm)</b>	746 x 1520 x 1940/2036 (D x W x H)
<b>Weight</b>	Approximately 375 lbs
<b>Readout</b>	True shaft speed on clear blue display
<b>Safety CE</b>	Conformity Directive 2006/42/EC
<b>Electrical cabinet</b>	Dimensions: 500 x 400 x 210 mm. Requires placement outside of ATEX zone.



Belt clamping system



Central clamping system

## OPTIONS

- Power readout in kW
- Mechanical timer with automatic stop
- Vessel cover systems (on request)
- Non-Jacketed vessel
- Jacketed Vessel

