



Model:
VT-7230C



Manufacturing Mass Finishing Solutions

Vibratory Combination Finisher-Dryer

Overview

Vibratory combination (combo) finisher-dryers combine the functions of two machines into one single machine, creating a smaller footprint to save on floor space. Additionally, the two-in-one design maximizes cost savings and productivity, creating labor efficiencies. The core of the combo is a vibratory finisher with manual or pneumatic internal separation, which feeds finished parts into an outer channel where they are dried and polished. The combo is offered in a standard or long radius finisher option, which allows companies to configure the machine to suit the application.

The standard vibratory finisher combo is available in sizes ranging from 1.5 to 24 cubic feet and is ideal for deburring heavy stampings, smoothing fine china, polishing ammunition, removing heat marks from laser cut pieces and more. The long radius finisher combo features a longer working channel, a larger bowl diameter and a smaller channel width, providing a very aggressive action due to an

expanded center column. This machine is available in sizes ranging from 2.5 to 30 cubic feet and is highly effective for deburring, grinding, radiusing (edge breaking) pressure deburring, polishing and ball burnishing of stampings, castings, forgings and machined parts. With amplitude and lead angle adjustments, optional variable frequency drives to adjust speed, and thousands of media and compound choices, process options are endless with either the standard or long radius finisher.

The latter is also true of the combo's vibratory dryer, which is available in sizes ranging from 1.5 to 20 cubic feet. They are specifically designed for continuous operation but are capable for batch processing as well. Whether drying heavy stampings, heat-treated parts or laser cut pieces, almost every manufactured part can benefit from a vibratory drying operation.



Advantages

- One machine that processes and dries parts
- Space-saving dual machine design
- Less handling time provides labor efficiencies
- High production capabilities save time and provide cost savings
- One drive system for a simpler maintenance process
- Dryer is heated directly from the bottom, distributing heat more evenly

Results

In conclusion, with its smaller footprint, exterior mounted components and custom options, the CLM Vibetech, Inc. vibratory combination finisher-dryer is ideal for maximizing floor space, productivity and labor efficiencies. Whether utilized as a stand-alone machine, or as part of a fully automated system, the combo is one of our most versatile machines, offering superior solutions for making future growth more attainable.

Key Features

- Heavy-duty welded construction
- Premium polyurethane lining
- Extra-large springs for durability
- Exterior mounted components
- One drive system and one electrical panel
- Custom options

Standard Combo Specifications

| Model | Bowl Diameter | Finisher Channel Width | Dryer Channel Width | Floor Space Required w/o Panel | Working Capacity (Cu. Ft.) | Dryer Working Capacity (Cu. Ft.) | Motor HP | Full Load Amps at 480 Volts | Supplied Fusing | Water Used in GPH | Air Supply Required |
|-----------|---------------|------------------------|---------------------|--------------------------------|----------------------------|----------------------------------|----------|-----------------------------|-----------------|-------------------|---------------------|
| VTG-2810C | 40" | 7.5" | 6" | 4' x 4' | 1.5 | 1.5 | 2 | 3 | LPJ 5 SP* | 4 | 100 psi** |
| VTG-3816C | 50" | 9.5" | 6" | 5' x 5' | 3.8 | 2 | 3 | 4 | LPJ 6 SP* | 8 | 100 psi** |
| VTG-5024C | 66" | 11" | 8" | 6' x 6' | 7 | 5 | 5 | 6 | LPJ 10 SP* | 14 | 100 psi** |
| VT-5024C | 66" | 11" | 8" | 6' x 6' | 7 | 5 | 5 | 6 | LPJ 10 SP | 14 | 100 psi** |
| VT-5524C | 71" | 13.5" | 8" | 7' x 7' | 9.5 | 7 | 7.5 | 10 | LPJ 15 SP | 20 | 100 psi** |
| VT-6026C | 80" | 15" | 10" | 8' x 8' | 13 | 10 | 7.5 | 10 | LPJ 15 SP | 25 | 100 psi** |
| VT-6830C | 88" | 17" | 10" | 9' x 9' | 19 | 14 | 15 | 20 | LPJ 30 SP | 40 | 100 psi |
| VT-7230C | 96" | 19" | 12" | 10' x 10' | 24 | 17 | 15 | 20 | LPJ 30 SP | 50 | 100 psi |

G = Manual grease lubrication and control panel is optional.

* Applicable if optional 101 Control Panel is purchased.

** Applicable if optional Pneumatic Gate is purchased.


Long Radius Combo Specifications

| Model | Bowl Diameter | Finisher Channel Width | Dryer Channel Width | Floor Space Required w/o Panel | Finisher (1/3 Rise) Working Capacity (Cu. Ft.) | Finisher (Full Rise) Working Capacity (Cu. Ft.) | Dryer Working Capacity (Cu. Ft.) | Motor HP | Full Load Amps at 480 Volt | Supplied Fusing | Average Water Used in GPH | Air Supply Required |
|------------|---------------|------------------------|---------------------|--------------------------------|--|---|----------------------------------|----------|----------------------------|-----------------|---------------------------|---------------------|
| VTG-2.5LRC | 56" | 7.5" | 6" | 6' x 6' | 2.5 | 2 | 2 | 3 | 4 | LPJ 6 SP* | 5 | 100 psi** |
| VTG-5LRC | 67" | 9.5" | 6" | 7' x 7' | 5 | 4 | 3 | 5 | 6 | LPJ 10 SP* | 10 | 100 psi** |
| VT-10LRC | 82" | 11" | 8" | 9' x 9' | 10 | 8 | 7 | 7.5 | 10 | LPJ 15 SP | 15 | 100 psi** |
| VT-20LRC | 112" | 13" | 10" | 11' x 11' | 20 | 16 | 14 | 20 | 27 | LPJ 45 SP | 30 | 120 psi |
| VT-30LRC | 136" | 15" | 10" | 13' x 13' | 30 | 26 | 20 | 20 | 27 | LPJ 45 SP | 45 | 120 psi |

G = Manual grease lubrication and control panel is optional.

* Applicable if optional 101 Control Panel is purchased.

** Applicable if optional Pneumatic Gate is purchased.

Proudly built in the USA 



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