



Model:
DF-1x170/2x10



Manufacturing Mass Finishing Solutions

Drag Finisher

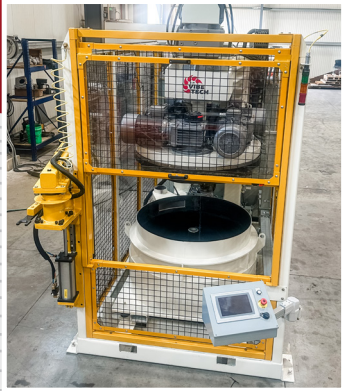
Overview

Drag finishers are robust and aggressive finishing machines that are ideal for deburring and polishing high value, complex metal parts, such as boat propellers, orthopedic implants, aerospace components and more. Because of its high speed and pressure, drag finishing is optimal for parts made from tough metals such as high-alloy (titanium, stainless) and tool steel, or parts with a high surface hardness.

Parts are individually mounted to a spinner, which is equipped with multiple tool stations (arms), and then lowered and “dragged” through a circular work bowl filled with polishing or grinding media. This technique creates extreme force on the part, thus accelerating the finishing process, which saves valuable time and reduces operating costs. Additionally, parts never touch during the drag finishing process, preventing part-on-part contact which may damage the finish, thus producing a consistent and totally repeatable surface finish.

Our drag finishers consist of a heavy-duty carbon steel interlocking bowl weldment, as well as a stainless-steel spray bar that wraps 360° around the bowl to distribute solution evenly. The vibratory motor fluidizes media between runs to provide fresh media to the process area, and all machines are equipped with fully automated PLC and digital interfaces. One or multi-bowl and spinner options are available to suit the process, as well as variable speed drives for every function. Additionally, safety fencing with light curtains/zone sensors are provided with all machines. In addition to our larger drag finishers which typically have 8 to 12 arms and a bowl diameter of 120 to 180 inches, CLM Vibetech also offers a “mini-drag” system with as many as 4 to 6 arms and a bowl diameter of 40 to 60 inches. A range of different types and sizes of drag finishing equipment are available and are always designed to the customer’s requirements.

Reduced Process Time | Improved Quality | Labor Efficiencies

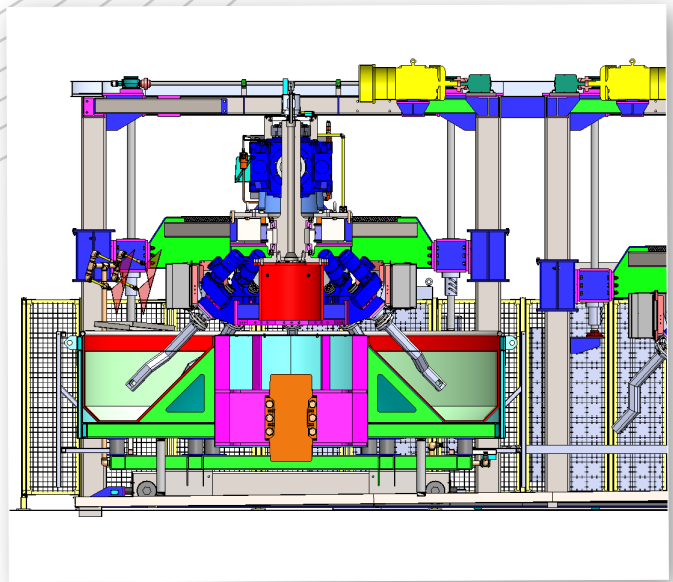


Advantages

- Accelerated finishing process saves time and reduces operating costs
- Consistent, repeatable, economical surface finishes
- Replaces manual deburring and grinding operations, creating labor efficiencies
- Designed and constructed to the customer's requirements

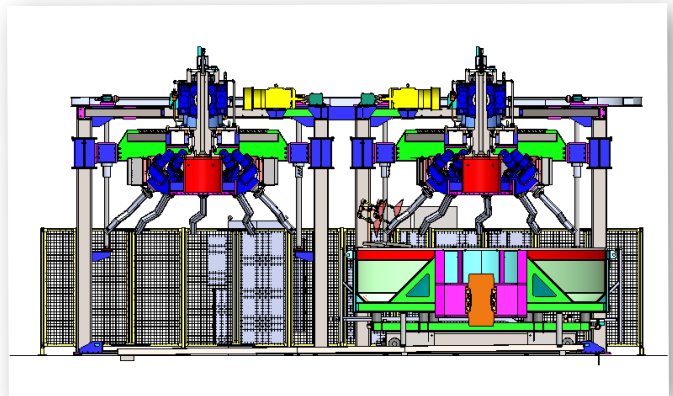
Results

In conclusion, a CLM Vibetech, Inc. drag finisher features a custom innovative engineered design and provides an accelerated finishing process, which saves time and reduces operating costs. It allows for complex and delicate parts, which have traditionally been finished manually, to now be "dragged" through a circular work bowl filled with polishing or grinding media and receive an automated vibratory finish, which increases quality and reduces processing time. Drag finishing also frees up time for operators to focus on other key duties, which provides labor efficiencies to the company. With a long history of success, we take projects from concept to completion, providing solutions that deliver economical savings, leading to more efficient and cost-effective operations. Contact us today for a complimentary quote at (269) 344-3878.



Key Features

- Heavy-duty carbon steel interlocking bowl weldment
- Vibratory motor fluidizes media between runs to provide fresh media to the process area
- Stainless steel spray bar wraps 360° around the bowl to distribute solution evenly
- One or multi-bowl and spinner options available to suit the process
- Fully automated PLC and digital interfaces
- Variable speed drives for every function
- Safety fencing with light curtains/zone sensors



Proudly built in the USA 



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