

MultiFinish

MFD 50i • MFD 100i • MFD 200i • MFD 300i • MFD 300e

MFD Drag finishing machines

Precision finishing, also for fine complicated components
Repeatable processing for long production runs
Strong and individual designed product holders

MULTIFINISH FOR PRECISION PRODUCT PROCESSING



DEBURRING • GRINDING • POLISHING • SMOOTHING • ROUNDING

MultiFinish

MFD – Drag Grinding Systems

MFD 50i • MFD 100i • MFD 200i • MFD 300i • MFD 300e



The drag grinding process with MultiFinish MFD systems

Nature provides us with the foundation of drag grinding technology. With the continuous and steady interaction of water and sand, coarse stones in rivers, brooks and seas are ground, deburred, rounded, smoothed and polished into even smooth pebbles.

In many industrial sectors and workshops grinding and polishing machines have been used for many years to successfully improve and optimise economic production efficiency. This is attained by integrating drag grinding technology into a comprehensive work processes and by automating the different processing sections.

For the deburring, grinding and polishing of high-quality and intricate touch-sensitive workpieces, drag grinding is the ideal processing procedure. The work pieces are mounted onto a stable & strong application-specific fixing devices and dragged through the process media with circular and elliptical-shaped movements.

The automatic and individually adjustable rotation speed as well as the variable immersion depths and velocities allow for with regard to the high frictional forces a constant and reproducible quality and processing of the work pieces.

Within a very short time you will have an optimal processing result and a high-gloss polish of the same quality as a hand polish.

MFD 50i

With the MFD 50i, the compact table top machine for working with small batches, you can obtain the highest surface quality especially for exterior polishing and intricate filigree workpieces. This machine model distinguishes itself due to its low running & acquisition costs together with its compact design.

Volume of the media container approx.:
40 litres
Size approx.: 57 x 72 x 82 cm*



MFD 100i

A natural continued development for working with small batches took place with the MFD 100i. It is available both as a table-top and a floor-mounted machine. Yet another model was developed especially for the pharmaceutical & orthopaedical industries.

Volume of the media container approx.:
70 litres
Table-top = Size approx.:
90 x 110 x 120 cm*



MFD 200i

The MFD 200i is mainly used in the industrial sector for the dry polishing of jewellery rings, orthopaedical products from the medical sector, precision tools and small components from the automotive industry.

Volume of the media container approx.:
95 litres
Size approx.: 120 x 120 x 190 cm*



MultiFinish MFD – Drag Grinding Systems

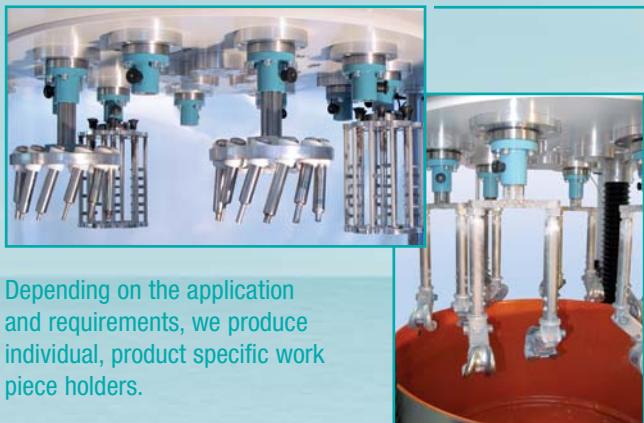
Areas of application: Wet grinding, dry polishing, grinding and deburring, rounding edges and much more.

Workpieces such as watchcases, rings, milling and turning tool bits, punches, heavier workpieces, implants, parts from the automotive industry, medicinal parts; workpieces with unusual & difficult geometry, aero industry and many other specialized parts.

MultiFinish offers the right drag grinding & finishing system for any field of application – from small batches to large industrial usage.

Our MFD systems with their compact construction meet all requirements for a smooth operation in the daily production process. This is attained by the use of high-quality & tested materials and machine components, which we mostly produce with our own in-house machinery & technology.

All our machines have the standard features of a stable & robust aluminium framework, a front opening guard fitted with an electro-mechanical interlock, a rotation speed control operated from a frequency inverter and two digital timers. Depending on the model, the machines are equipped with satellite fixing mechanisms for 2 to 10 work piece holders.



Depending on the application and requirements, we produce individual, product specific work piece holders.

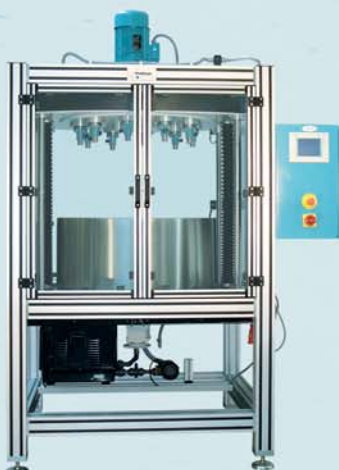
Here's how you will benefit from working with MFD drag-grinding systems:

- ◆ Easy to operate
- ◆ Extremely short operating times
- ◆ Optimal interior and exterior polishing
- ◆ Most accurate, reproducible rounding of edges
- ◆ No damage to your workpieces
- ◆ High effectiveness and efficiency due to short processing times
- ◆ Processing of several batches due to short setup times
- ◆ Saving time and costs
- ◆ High flexibility



On request we will offer you fully or partly automated solutions and with our added accessories we will ensure a smooth production process.

MFD 300i



The MFD 300i is mainly used in the industrial sector for the dry polishing of particularly heavy and complicated work pieces.

The MFD 300e is the Multifinish solution conceived for heavy industrial use in the wet process. With its compact construction, this system offers the ideal solution. With a carefully & advance designed rinsing system, the accumulating sediment sludge is safely extracted and the parts to be processed are rotated through a consistent compound mixture of media and water. The MFD 300e with its many added options can be adapted into automated production operations and can be tailored to suit the needs of your product production line. The MFD 300e can be delivered with up to 8 satellite heads.

Volume of the media container approx.:
300 litres; Size approx.: 180 x 204 x 130 cm*

MFD 300e(Lephant)



* all specifications = height x width x depth, all specifications are subject to modifications without notice

MultiFinish

We aim to develop effective and efficient solutions in the area of surface finishing & product processing, refining with precision in detail.

MultiFinish will assist you to meet your production requirements in, among other things, the metal, plastic and textile industries, medical & orthopaedical technology as well as the jewellery and watchmaking field. Our experience and knowledge in the field of "Centrifugal grinding technology" as well as the engagement our employees have in connection with our extensive machine, product and service programs guarantee optimal solutions for your surface finishing requirements.



MultiFinish – Factory and Office center
in Schömberg-Langenbrand near Pforzheim (Germany)

MultiFinish machines provides you and your company – especially for the industrial as well as manufacturing needs – to shorten production and processing processes and reduce production costs.

A especially important member in the development chain is the test procedure analysis that we carry out for you in our in-house testing and processing laboratory. We will perfect a processing procedure in advance and test the reproducible centrifugal grinding procedure that corresponds to the production requirements. Following this sample test process, you will be presented with a custom-tailored processing concept in which we show the most suitable processing methods for your production in connection with the respective grinding/polishing media's and compounds. This service and the comprehensive consultation are of course free of charge and without any obligation.

If you would prefer not to commit to any capital investment and/or you have no spare capacity? This is not a problem! We will gladly carry out commissioned production work in the area of surface finishing for you.

MULTIFINISH – PROVIDES A WINNING MARGIN THANKS TO INNOVATION



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