

DeBurring

"Exceed Expectation through Innovation"



DeBurring of Cast-Iron (C.I.) Parts

In the complete process of DeBurring, we recommend to use biggest size or at least one size bigger brush of that of the cutter size. We have brush sizes ranging from Ø 60, Ø 80, Ø 100, Ø 115, Ø 125, Ø 150, Ø 165, Ø 180, Ø 200, Ø 225, Ø 250, Ø 296 and above.

We have a complete range of holders, tools and other accessories needed for your M.I.D. (Machine Inline DeBurring), right from holders for your ISO / BT / HSK & other make to suit your machine, with flow through coolant and other accessories required for various types of brushes holding according to your job, machine and process.

Check the video of one of the DeBurring process at www.de-burring.com

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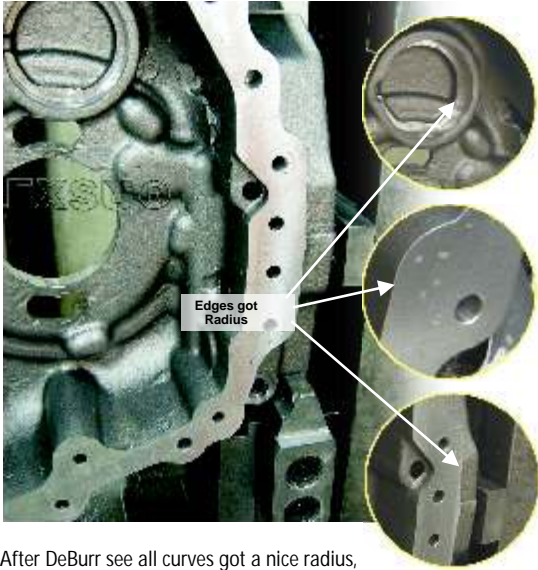
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Wet DeBurring process



After DeBurr see all curves got a nice radius,
RA value improved, no sharp edges at any point
where cutter has reached



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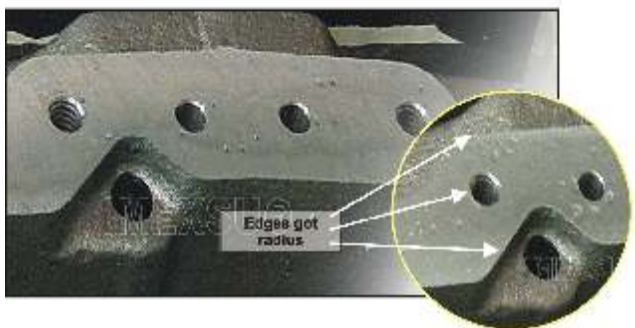
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See how nice radius generated all over the machined surface and improvement in surface finish in following photo.



The difference between cast surface & machine surface is very small which gets all sharp edges removed.

In the above two photos the deburring all the sharp edges has been removed so rubber will not get cut during assembly.

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Thanks to the machine, operator and well-wisher and also the un-mention people, because of whom all this was possible.

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Dry DeBurring process on HMC

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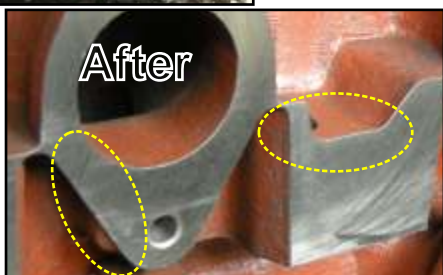
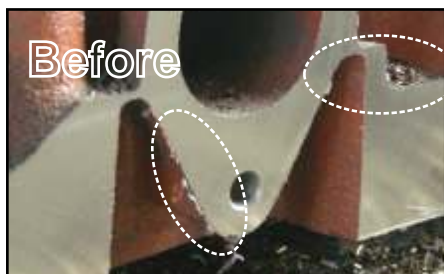
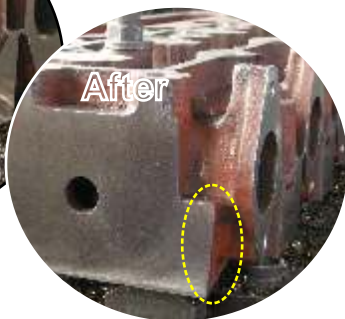
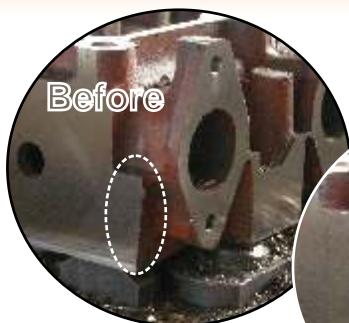
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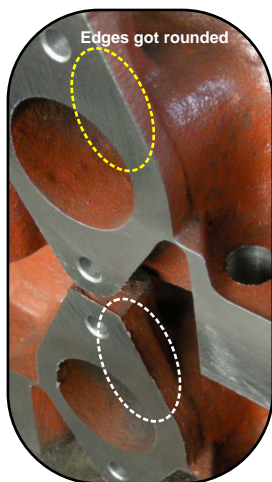
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DeBurring with 5 axis rotary table

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Rust removed at same time while DeBurring

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Rust & sharp edge removed

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DeBurring with 4 axis

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Cross-holes & intersection burn & sharp edge removed with I.D. DeBurring



After



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Before

After



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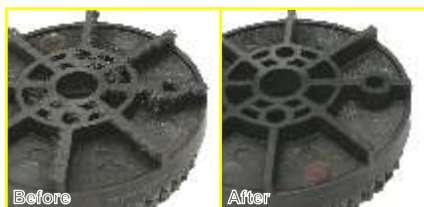
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DeBurring of Machine Parts



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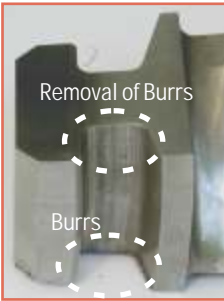
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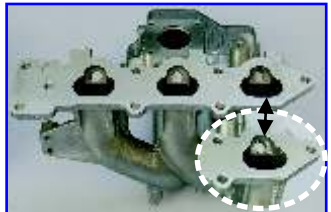
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DeBurring of Automobile Machine Parts



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Providing customized solutions for surface preparation to various industries has been the objective of the company since its inception in 1976. IMEXSU INDIA has, in the last 30 years, grown and diversified its activities with the sole intention of evolving varied possible solutions to the manifold problems faced during the manufacturing, machining, fabricating, casting, extruding of components and products all under one roof.

The challenges posed by problems at various times have been the real source of inspiration for the company. These challenges have also paved the way for the company to gain an in-depth knowledge of the intricacies that go into the making of a finishing machine, equipment and components.

Problems pertaining to surfaces are different and typical in every case and hence readily available standard solutions are not always compatible. They are invariably time consuming, cumbersome and are generally not cost effective both in the initial stages as well as in the long run. Temporary solutions, found within the existing infrastructure and material, may appear less cumbersome and may even see unnecessary activity, but eventually will not be cost effective and proper, particularly if they have to be repetitively done. The initiative, effort and time spent to find a solution for such a typical problem, may apparently incur additional cost initially, but it definitely proves its worth in the long run.

We at IMEXSU INDIA have successfully provided customized solutions in a number of such typical cases, which have proved to make a sizable saving in man and machine hours.

We have complete DeBurring Solution on VMC/HMC/FMC/CNC/SPM/ and various other machines of different materials like steel, alloy steel, cast iron, cast steel, stainless steel, aluminum, non ferrous material, plastic and others.

We have a complete range of holders, tools and other accessories needed for your M.I.D. (Machine Inline DeBurring), right from holders for your ISO / BT / HSK & other make to suit your machine, with flow through coolant and other accessories required for various types of brushes holding according to your job, machine and process.

We offer complete consultancy for all your DeBurring problems, including machines, holders & tools with related accessories including consumables like brushes & wheels.