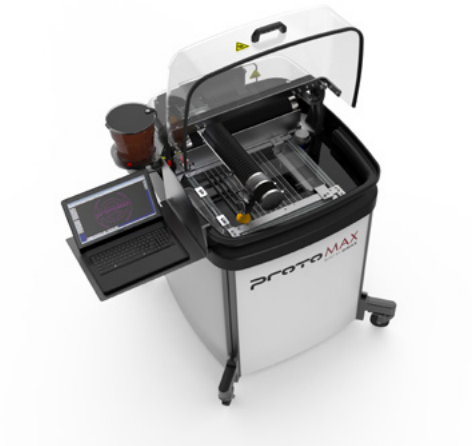
ProtoMAX
BUILT BY OMAX

WATERJET CURRICULUM DEVELOPMENT



The **ProtoMAX** is an excellent tool for teaching students about using abrasive waterjets for cutting applications. The powerful 5 hp direct drive pump delivers cutting speeds that **provide a realistic, industrial quality experience and built in safety features** will allow students **more** hands-on experience. The Intelli-MAX software is virtually the same as the versions that run OMAX industrial machines so when your students graduate to something larger, they'll be ready.

Every curriculum is different so we've provided some links below to help craft a course that covers everything from how waterjet works to how to cut a part on the ProtoMAX.

Waterjet Basics

HOW AN ABRASIVE WATERJET WORKS

VIEW
omax.com/learn/how-does-waterjet-work

VIEW
waterjets.org/how-abrasive-waterjets-work

CUTTING METHODS COMPARED

VIEW
omax.com/learn/waterjet-cutting-compared

WHAT CAN AN ABRASIVE WATERJET CUT?

VIEW
omax.com/learn/what-materials-can-waterjet-cut

WHAT KINDS OF WORK ARE DONE WITH ABRASIVE WATERJETS

VIEW
omax.com/news/customer-successes

PROTOMAX SYSTEM COMPONENTS

VIEW
knowledgebase.omax.com/protomax/content/401420/components-major.htm

Designing Parts

DESIGNING A PART USING *LAYOUT*

OVERVIEW
protomax.com/software/#draw

TOOL TUTORIALS
knowledgebase.omax.com/protomax/content/kb/qs-vid-drawing.htm

IMPORTING A DRAWING USING *LAYOUT*

OVERVIEW
protomax.com/software/#import

MORE
knowledgebase.omax.com/protomax/content/kb/qs-vid-import-file.htm

TRACING A PICTURE USING *LAYOUT*

OVERVIEW
protomax.com/software/#trace

MORE
knowledgebase.omax.com/protomax/content/kb/qs-vid-intelli-trace.htm

VISIT WWW.PROTOMAX.COM FOR MORE DETAILS.

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Cutting Parts

SAFETY CONSIDERATIONS

VIEW

knowledgebase.omax.com/protomax/content/401510/401510-safety-guide.htm

STARTING THE PROTOMAX

VIEW

knowledgebase.omax.com/protomax/content/kb/qs-vid-startup.htm

CUTTING A PART

VIEW

protomax.com/software

SHUTTING DOWN THE PROTOMAX

VIEW

knowledgebase.omax.com/protomax/content/kb/qs-vid-shutdown.htm

Using the ProtoMAX for Business

USING *MAKE* TO ESTIMATE PART CUTTING COSTS

VIEW VIEW

knowledgebase.omax.com/protomax/content/kb/qs-vid-make-overview.htm

knowledgebase.omax.com/protomax/content/wh-protomax/make/overview_of_make_software.htm

Interesting Projects Using the ProtoMAX

VISIT THE PROTOMAX COMMUNITY – SHARE YOUR WORK TO FIND IDEAS FOR PROJECTS

VIEW

community.protomax.com/viewforum.php?f=8

VISIT WWW.PROTOMAX.COM FOR MORE DETAILS.

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