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ADVANCED WATERJET SOLUTIONS



ABRASIVE WATERJET SERVICES

CUT VIRTUALLY ANY
ELEMENT IN THE
WORLD:

ALUMINUM
BRASS
BRICK
CARBON STEEL
CARPET
CERAMICS
COBALT
COMPOSITES
COPPER
CORIAN
CORK
CRYSTAL
COPPER-NICKEL
FIBERGLASS
FOAM
GLASS
GOLD
GRANITE
GRAPHITE
INCONEL
LAMINATES
LEXAN
MARBLE
MONEL
PLASTICS
PLEXIGLASS
PVC
RUBBER
STAINLESS STEEL
STONE
TERRAZZO
TILE
TITANIUM
TOOL STEEL
VINYL
WOOD
ZINC ALLOYS



DESIGN

FULLY TRAINED CAD ENGINEERS HELP CONVERT YOUR PROJECT NECESSITIES INTO REALITY. FROM HAND DRAWN SKETCHES TO COMPLICATED DWG FILES, WE READ AND CONVERT ANY FORMAT. OUR NESTING SOFTWARE ASSURES THE MOST EFFICIENT CUTS WITH MINIMAL WASTE.

QUALITY

ALL OF OUR CUTS COME FROM SOFTWARE CONTROLLED, ROBOTIC MOTION SYSTEMS THAT CAN ENSURE A TOLERANCE WITHIN 0.001"-0.005". WITH 5 DIFFERENT CUT SETTINGS, THE NEED FOR SECONDARY FINISHING METHODS ARE ELIMINATED. THE EXTREMELY THIN WATER STREAM (.02"-.05") ENSURES MINIMAL MATERIAL LOSS.

FABRICATION

WE HAVE ALL THE CAPABILITIES OF A FULLY INTEGRATED MACHINE SHOP. HIGH QUALITY, COST-CONSIDERATE FABRICATION, POLISHING, MACHINING, MILLING, WELDING, ROLLING, SHEARING, AND PRESSING WITH RAPID TURN-AROUND TIME.

BENEFITS

UNLIKE PLASMA AND LASER CUTTING, WATERJETS CUT WITHOUT ADDING ANY HEAT OR STRESS TO THE MATERIAL. WE CAN CUT EXTREMELY DETAILED GEOMETRY WITH QUICKER CUTTING TIMES, WHICH TRANSLATES INTO FAR LOWER PRICES THEN OTHER CUTTING METHODS. THERE ARE NO HARMFUL GASES OR HAZARDOUS CHEMICALS USED IN THE PROCESS.

