RELIABLE EDM

Over 85 EDMs

Largest EDM Job Shop in North America

Production EDM

Wire EDM  Small Hole EDM  Ram EDM

Complete EDM Job Shop Providing Nationwide Service
Wire EDM

Production Wire EDM

Fast Turnarounds—24-Hour Operation

Split Large Tube Using Modified Wire EDM

Diameter 27 Inches, Length 16.5 Feet

Modified Wire EDM Machine to Split Tube

Wire EDM Tall and Large Parts

Modified Machines to EDM Parts up to 64 Inches Tall, 10,000 Pounds

Test Specimens from Blowout Preventer

40 Inches Tall

Keyway

Large Bronze Turbine: Diameter 47 Inches, Height 34 Inches

Various Tall Parts

Threading the Wire
Wire EDM Tall and Large Parts
Modified Machines to EDM Parts up to 64 Inches Tall, 10,000 Pounds

Keyway
Large Bronze Turbine: Diameter 47 Inches, Height 34 Inches

Various Tall Parts

Test Specimens from Blowout Preventer
40 Inches Tall

Split Large Tube Using Modified Wire EDM
Diameter 27 Inches, Length 16.5 Feet

Modified Wire EDM Machine to Split Tube

Threading the Wire
Ram/Sinker EDM

Production Ram EDM
Fast Turnarounds—24-Hour Operation

Ram EDM Tall and Large Parts
Ingersoll Gantry 2000 Work Tank: X—6.6 Feet, Y—10.6 Feet, Z—53 Inches (Area: Larger than a Ping Pong Table)
Table Load 66,000 Pounds, Maximum Electrode 3,106 Pounds
Ram EDM Tall and Large Parts

Ingersoll Gantry 2000 Work Tank: X—6.6 Feet, Y—10.6 Feet, Z—53 Inches (Area: Larger than a Ping Pong Table)
Table Load 66,000 Pounds, Maximum Electrode 3,106 Pounds
Small Hole EDM

CNC Small Hole EDM Machine

Small Hole EDM Large and Tall Parts

Beaumont Small Hole EDM: X—58.9 Inches, Y—30.5 Inches, Z—15.6 Inches
Table Load 2,500 Pounds

Edming Hole on a Curved Surface
Removing a Broken Drill
Specialists in EDM

CARL SOMMER
President, started in the machining trade in 1949. An experienced tool and die maker, foreman, tool designer, and operations manager.

STEVE SOMMER, M.E.
Vice President, mechanical engineer, has worked as a tool and die maker and has over 30 years experience in EDM.

PHIL SOMMER
Vice President of Operations, has a degree in business administration, and has 30 years experience in EDM.

Andy Sommer, MMET
Graduated from Texas A&M, Manufacturing and Mechanical Engineering Technology degree. Son of Steve.

The exceptional experience of this family is one of the major reasons for Reliable’s remarkable growth

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Wire EDM
Introduction to Wire EDM (7:01)
Capabilities of Wire EDM: Part 1 (7:48)
Capabilities of Wire EDM: Part 2 (9:37)
How Wire EDM Works: Part 2 (8:01)

Ram EDM
Introduction to Ram EDM (6:50)
Capabilities of Ram EDM (9:28)
How Ram EDM Works: Part 1 (6:20)
How Ram EDM Works: Part 2 (7:14)

Small Hole EDM
Introduction to Small Hole EDM (4:54)
Capabilities of Small Hole EDM (5:19)
How Small Hole EDM Works (7:14)

Plus More

Carl and Steve Sommer are the authors of Complete EDM Handbook. It is used as a textbook in colleges and trade schools. It's free at ReliableEDM.com.
Contact the EDM Specialists
Largest EDM Job Shop in North America

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