

since 1972

LINCOLN MACHINE

EDM

Electrical Discharge Machining

A highly accurate method of part production without the constraints of conventional machining. Lincoln Machine is your source for precision EDM work, with over 12 years experience in wire and conventional EDM technology.

Both Wire and Sinker type EDM, provides a degree of freedom in design beyond the scope of conventional machining processes, which employ a rotating tool or work piece. Almost any imaginable three-dimensional shape can be created accurately and repeatedly with EDM.



One of the two wire EDM's that produce parts around the clock

Our EDM department includes two wire EDM's that feature the latest in technologically advanced equipment, including submerged machining, anti-electrolysis power supply, and small wire capabilities. These machines are used to hold exceptionally tight tolerances on exotic and other materials that are difficult to machine using other methods. High-speed digital spark CleanCut generators provide high machining speeds. Our Chamilles Robofil 440 wire EDM has the capacity of cutting parts up to **15 3/4" tall**. The large table allows for several jobs to be setup for unattended machining.

Two Wire EDM's – Charilles - Capacity:

Maximum Part Dimensions:	(L) 47.24" x (D) 27.55" x (D) 15.75"
Maximum Part Weight:	3,300 lbs.
Table Dimensions:	35.43" x 23.62"
X, Y, Z Travel:	21.65" x 13.78" x 15.75"
Maximum Taper Angle	30 Degrees

1 One Sinker EDM – Mitsubishi - Capacity:

2 Incorporates a 16-position electrode (tool) changer that allows us around the clock burning capability to reduce lead times.

Maximum Part Dimensions:	(L) 29.1" x (D) 18.5" x (D) 5.9"
Maximum Part Weight:	1,210 lbs.
X, Y, Z Travel:	11.8" x 9.8" x 9.8"
Minimum C axis Indexing	.001 Degree

From one to one hundred parts, Lincoln Machine can handle all of your EDM requirements. Our new, state of the art EDM equipment is considerably faster than machines produced only a few years ago. The combination of speed and round-the-clock production gives Lincoln Machine the edge as your best source for efficient and economical EDM work.

Main Plant: 6401 CORNHUSKER HWY.
LINCOLN NEBRASKA 68507
402•434•9140
FAX 402•434•9160

Mailing Address: P.O. BOX 29798
LINCOLN, NEBRASKA 68529

www.lincolnmachine.com