

SEIBU

WIRE-CUT ELECTRICAL DISCHARGE MACHINE

MACHINE

EW-25C

INSTRUCTION MANUAL



SEIBU Electric Mfg. Co., Ltd.

1. SPECIFICATIONS

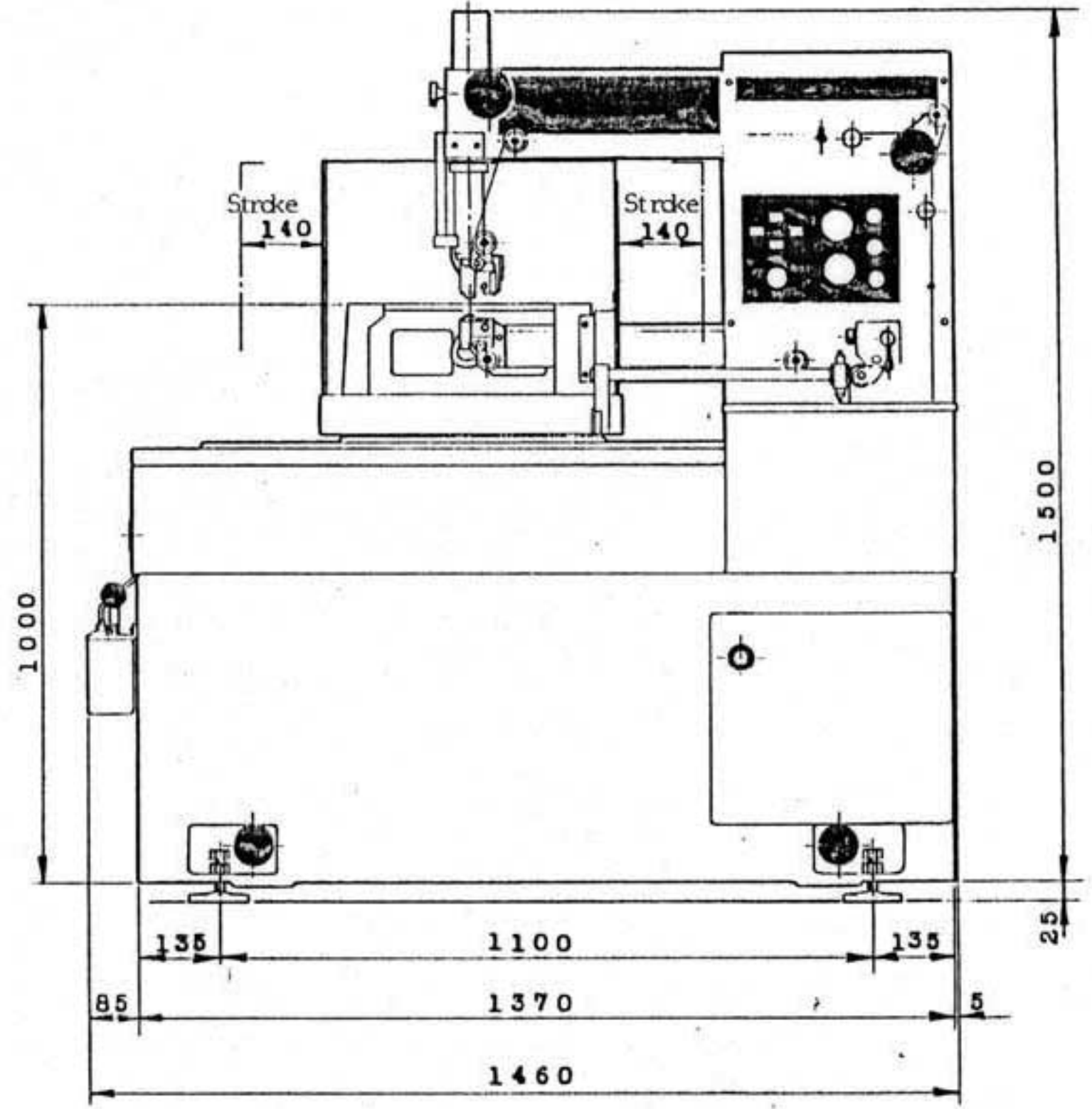
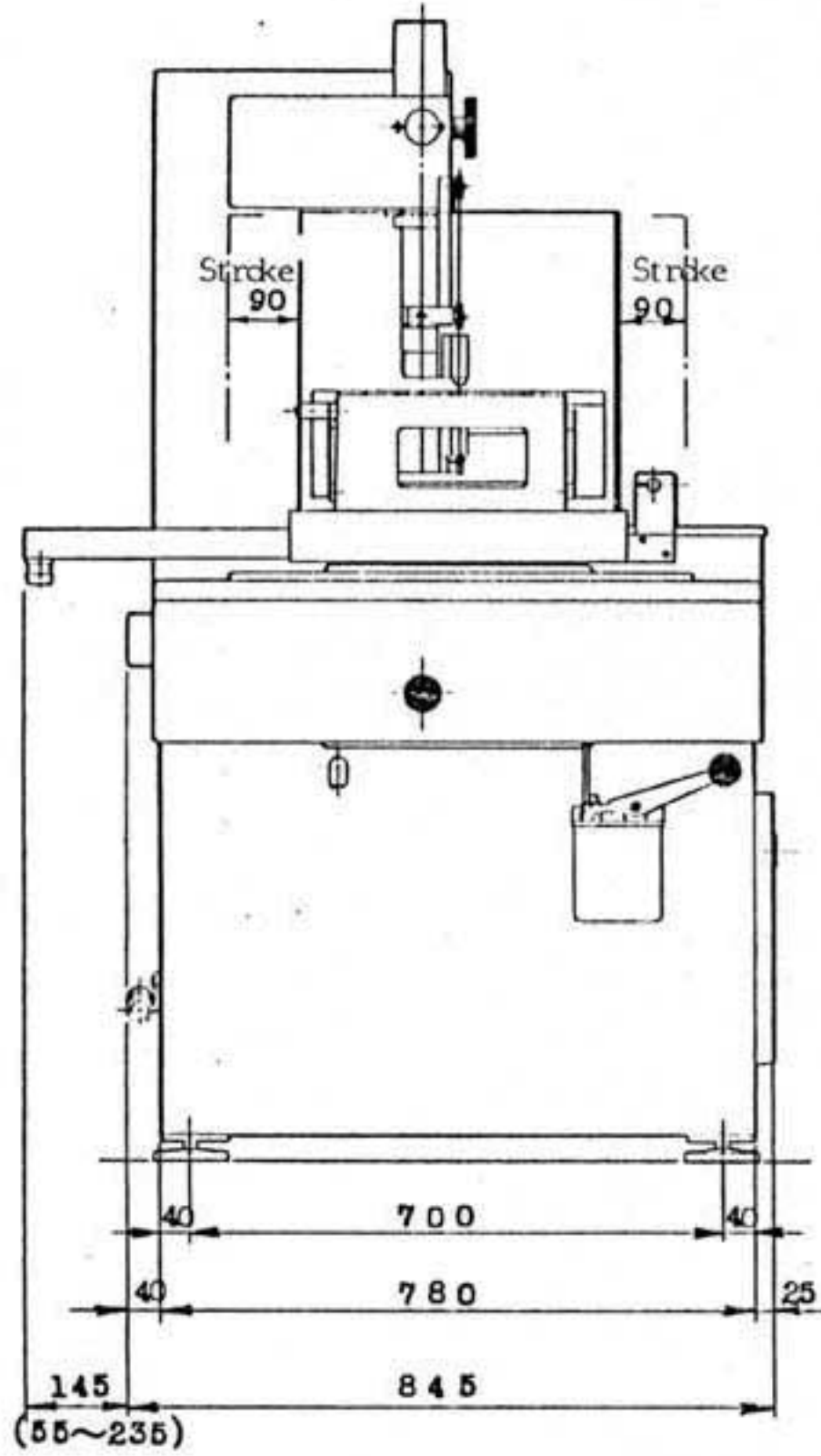
1-1 Outline of Machine

This machine is a machine tool which makes thin wire of brass and tungsten run vertically, creates transient arc discharge between the workpiece and the wire as a tool electrode, travels along the work table loading the workpieces on the X, Y plane with the servo of an NC device and works around contours like a fretsaw.

A center-loaded construction cross-sliding table assures the machine of high solidity, while a pulse motor and precision working make for smooth and constant accuracy.

1-2 Specifications

Max. workpiece dimensions (W x D x H):	360 x 250 x 100 mm
Max. workpiece weight:	100 kg
Co-ordinate table travel	X direction: 280 mm
	Y direction: 180 mm
Manual table feed rate	Quick: 240 mm/min.
	Slow: 8.4 mm/min.
	1 pulse: 0.002 mm/pulse
Wire feed rate:	0 - 80 mm/sec.
Range of wire tension:	150 - 1000 g
Applicable wire diameter:	0.05 - 0.25 mm
Outline dimensions (W x D x H):	1460 x 900 x 1500 mm
Weight:	1000 kg



1-3 Outline Diagram

1-4 Name of Parts

