



Intelligent Assembly Solutions

DLSM 360°-20

SEWING AND LACE MACHINE

for ULTRASONIC FABRIC & FILM
SLITTING and SEALING

OVERVIEW

Dukane's ultrasonic lace sewing machine DLSM 360°-20 can be used to ultrasonically stitch synthetic woven and nonwoven materials. The unit can also perform seal and cut operations. Ultrasonic stitching/slitting is fast and clean, eliminating consumables such as glues, fasteners, needle and thread. Typical applications are disposable medical and protective garments such as booties, hoods and smocks.

FEATURES

- Heavy duty frame
- Adjustable speed controls
- Driven puller
- Quick change anvil (stitch patterns)
- Bonds both synthetic woven and nonwoven materials
- Can seal and cut
- Rotating horn minimizes drag
- Auto Mode for continuous sealing
- Manual Mode for foot pedal operation
- Heavy duty caster for ease of mobility
- Operates with Dukane's DPC Probe System
- Adjustable amplitude control from 35% - 100%
- Speeds up to 60 FPM
- Accepts attachments such as guides and folders
- Various stitch patterns are available



www.dukcorp.com/us • ussales@dukcorp.com

Dukane Corporation • Ultrasonics Division • 2900 Dukane Drive • St. Charles, Illinois 60174 USA • TEL (630) 797-4900 • FAX (630) 797-4949

SPECIFICATIONS

Pneumatic Requirements

- 10-100 psi of clean, dry air
- 1/4" NPT air line connection

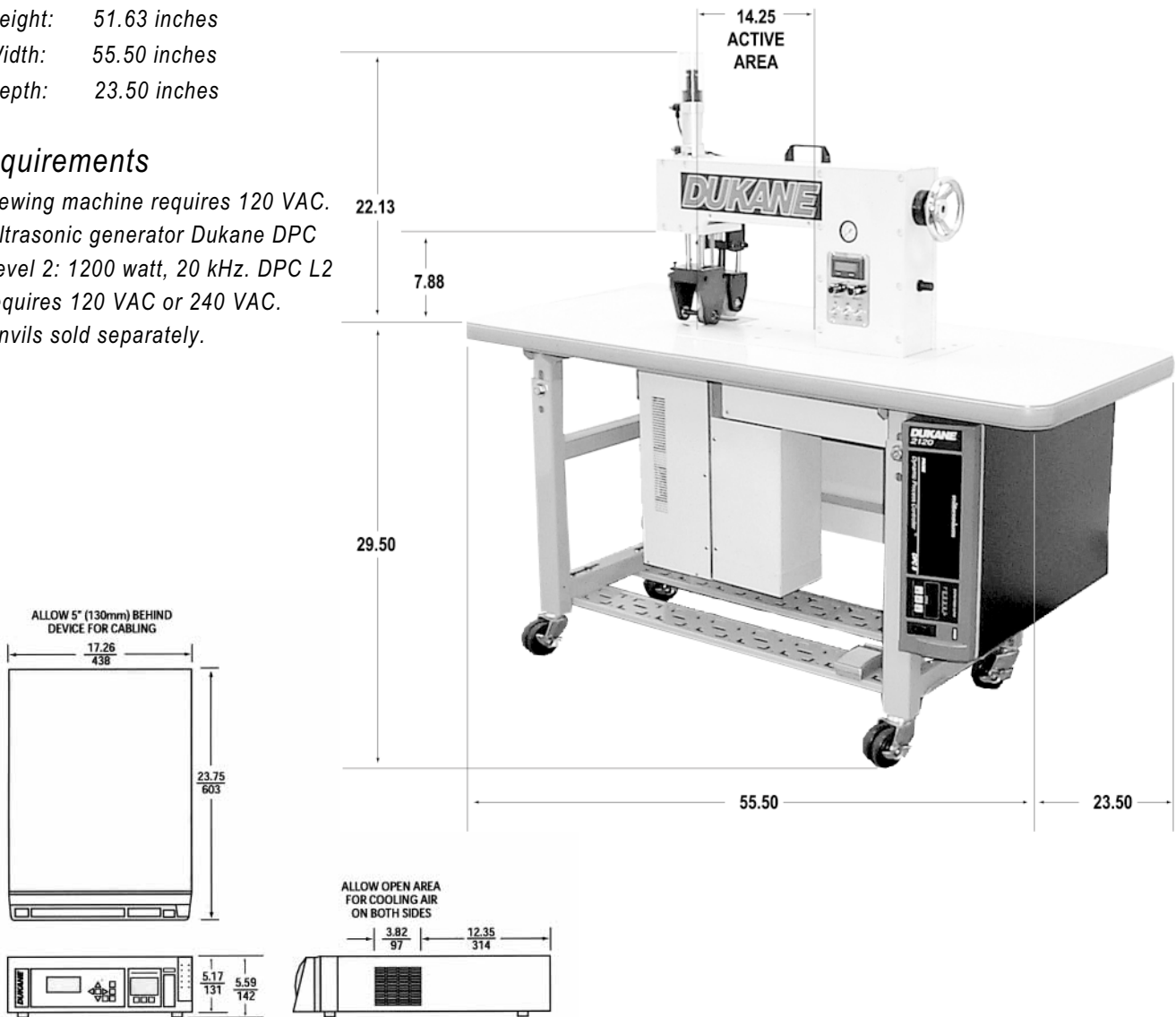
Mechanical Specifications*

- Height: 51.63 inches
- Width: 55.50 inches
- Depth: 23.50 inches

Requirements

- Sewing machine requires 120 VAC.
- Ultrasonic generator Dukane DPC Level 2: 1200 watt, 20 kHz. DPC L2 requires 120 VAC or 240 VAC.
- Anvils sold separately.

DLSM 360°-20 Dimensions INCHES



DYNAMIC PROCESS CONTROLLER (DPC)

- Height: 5.59 inches (142mm)
- Width: 17.26 inches (438mm)
- Depth: 23.75 inches (603mm)

*Dimensions and specifications are approximate and include cart. Drawings represent typical components and are not to scale.