

SINGLE END DOVETAILER SINGLE SPINDLE - CNC

SE-1-AFA

DRAWER EQUIPMENT

DODDS single spindle dovetailer, **Model SE-1-AFA**, with automatic feed of the cutter for dovetailing standard English dovetails on one or two inch centerlines. Servomotors control the automatic feed with the consistency and reliability of servo components.

Simplified Operation

Enter the part parameters into the operator interface, namely the drawer side thickness and number of dovetails. Place the drawer sides vertically against each side fence and secure the part with its pneumatic clamp. Next place the drawer front or back horizontally against the front or back fence and up against the drawer side, and secure it with the pneumatic clamp. Start the spindle and depress the cycle start. The spindle will make a score cut and then dovetail the first pair of parts. The spindle will then feed into position for the second pair based on the part height and complete the dovetailing process. Cycle time is based on cutting dovetails so a narrow part will be complete in less time than a wide part. Once the first cycle is complete unclamp and remove the parts, flip end to end and to opposite fences, clamp into place and begin the cycle again. Drawers up to 6" in height can be dovetailed in pairs with optional chipbreakers installed.

Features

- Simple operation.
- Spindle movement controlled by servomotors.
- Touch screen operator interface.
- Servo controls for consistency.
- Independent pneumatic clamping.
- Eccentric spindle collet for resharpened cutters.
- Dust guard w/ 4" outlet.
- Factory technical assistance available by calling 1-800-84-DODDS.
- Replacement parts stocked in the USA.

Options

- Three phase voltage.
- Chipbreaker Assembly.

Specifications:

Single Spindle Dovetailer, Model SE-1-AFA

Number of spindles: 1

HP: 1-1/2

RPM: 18,500

Pneumatics: 60 psi minimum

Dust Collection: 4" outlet 500 CFM

Electrical:

220V, 1 phase

Optional

220V, 3 phase

440V, 3 phase

Size: 43-1/2"W x 34-1/2"D x 58"H

Weight: 714 lbs.

Product

Drawer Height: 1-1/2" - 15"

Material Thickness:

Drawer fronts, backs 3/8" - 2"

Drawer sides 3/8" - 3/4"



MODEL SE-1-AFA