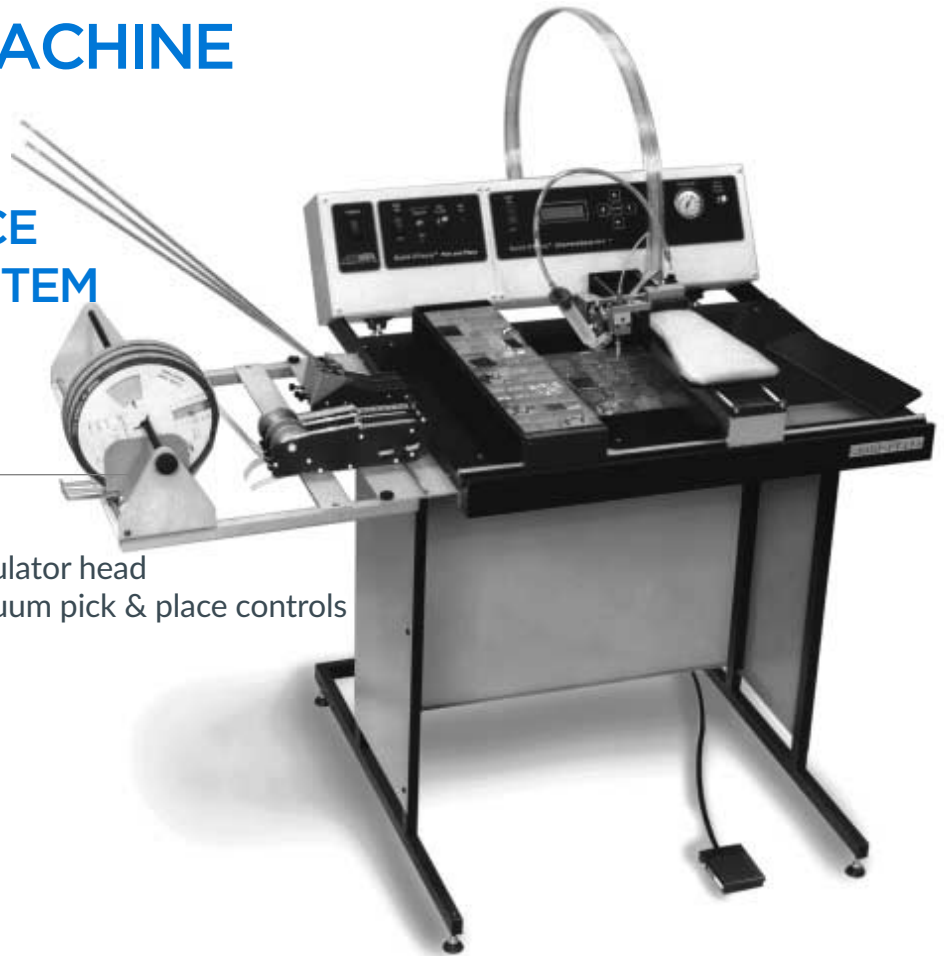


PICK & PLACE MACHINE MODEL MPP-21

MANUAL PICK & PLACE WITH DISPENSER SYSTEM



1. System Inventory

- A. Base unit includes:
 - 1. Hand/arm rest with manipulator head
 - 2. Control box assembly- vacuum pick & place controls
- B. One (1) component rack
- C. Two (2) 8" x 4" trays with lids
- D. (32) 1" x1" bins
- E. (8) 2" x 2" bins
- F. Two (2) magnetic board supports
- G. Three (3) vacuum pick-up needles (substitutions may be used)
 - 1. 17 AWG white nozzle with suction cup
 - 2. 18 AWG pink nozzle
 - 3. 21 AWG green nozzle
- H. One (1) hex key for assembly
- I. One (1) Foot switch for dispenser
- J. Stand option with hardware (some assembly required)
- K. Dispenser Assembly
 - 1. 10 cc empty syringe
 - 2. Hose attachment
 - 3. Rubber stopper
 - 4. Syringe adaptor

