



NASCOMATIC 4002 DUAL FEED

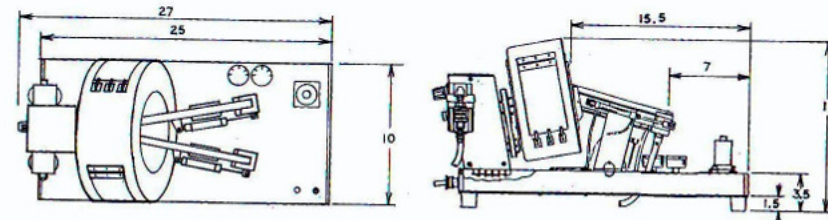
AUTOMATIC SCREWFEEDING SYSTEM

SYSTEM CONFIGURATIONS

Workstation*		A	B
A	B	A	B
		Hand held	Hand held
		Hand held	Fixture mounted
		Hand held	Dual synchronized Fixture mounted
		Fixture mounted	Fixture mounted
		Fixture mounted	Dual synchronized Fixture mounted
		Dual synchronized Fixture mounted	Dual synchronized Fixture mounted

*A and B can be synchronized or non-synchronized.

DIMENSIONS



FEEDS AND DRIVES
SCREWS AT TWO
SEPARATE WORKSTATIONS

ALLOWS INDEPENDENT
NON-SYNCHRONIZED
OPERATION

See page 4 for available driver choices

SPECIFICATIONS

For Typical Standard Machine with Two Hand Held Drivers.

Specifications may vary due to customer requirements, screw size/type, workpiece configuration and/or application.

ELECTRICAL REQUIREMENTS

115vac, 60Hz @7va

AIR REQUIREMENTS

Normal operation within specifications- 80 psi, minimum.

Operation with reduced performance- 60 psi, minimum.

Air Input- $3/8$ " NPT.

FRL included.

ON-OFF Control-Quick release sleeve type, air shutoff valve at air intake.

APPLICATION RANGE

#1 to #8 fastener.

$1/4$ " to 1" long.

1.15:1 screw length to head diameter ratio, minimum.

FEED RATE

Average-40 screws/minute, maximum total.

Maximum Feed Rate-Less than 1 screw/second per driver.

DRIVER

In-line driver system.

Driver starts when bit is depressed and stops the instant preset torque is reached on fastener.

1000 to 2300 rpm free speed based on screw size, type.

Up to 30 in.-lbs. externally adjustable torque based on screw size, type.

Externally reversible drive motor.

DRIVER JAWS (#2, 4, 6, OR 8)

Cantilever spring jaws with patented Linear Lock™ system that holds screws tightly against drive bit until completely driven.

No moving parts make contact with the work surface.

$1/16$ " min. clearance required from edge of screw head to any obstruction.

DRIVE ANGLE

Any orientation, even vertically upward.

FEEDER

Bowl diameter-10 inches.

Bowl capacity-5 lbs.

Screw delivery-Rotary drum with heavy Buna-N liner for quiet, dependable operation while preventing screws from becoming magnetized.

Rotary bowl access doors-One pair of hinged doors provided for easy refilling and quick cleaning.

ON-OFF CONTROL

Exhausting sleeve type air shut-off valve at the air intake.

HOSE LENGTH

12 feet yields 8 foot reach.

QUOTATION REQUIREMENTS

Sample screws.

Sample workpiece.

Quotation data sheet.

ORDER REQUIREMENTS

5 lbs. of screws, sample parts.

AVAILABLE OPTIONS AND CAPABILITIES

SCREW SIZE RANGE

The Nascomatic 4002 can be configured to accommodate #10 size screw from $3/8$ " to $3/4$ " long.

ELECTRIC INPUT

208/220 vac, 50/60 Hz

FEEDER BOWL

12" and 15" diameter bowls for increased capacity.

HOSE LENGTHS

Less than or greater than 12 feet.

CLAMSHELL JAWS

Used primarily for - long screws

- large size screws

- coarse threads.

DELTA DRIVER

Driver never touches work surface.

Allows access into recesses.

AED (AUTO-EXTEND DRIVER)

For fixture mounted and robotic applications. Allows screwdriving in any orientation, even vertically upward.

OPTIONAL DRIVER MOTORS

The Nascomatic 4002 system can accommodate most speed and torque requirements.

Actuating trigger.

DC electric

ENVIRONMENTAL ENCLOSURES (SEE PAGE 19)

Bench mount.

Cart mount.

CUSTOM SYSTEMS

Multi-driver systems.

Robotic applications.

Programmable electronic controllers