

PATENT No. 5234127

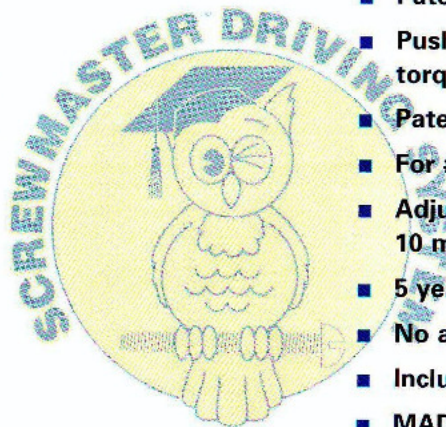
See page 4 for available driver choices

THE NASCO SCREWMASTMTER

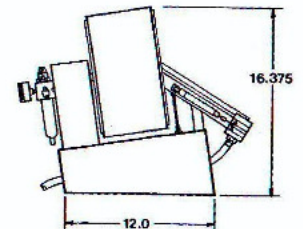
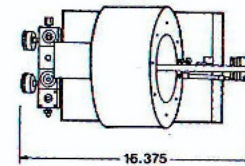
THE WISE CHOICE FOR VERSATILE, RELIABLE AND ECONOMICAL AUTOMATIC SCREWFEEDING

FEATURES

- No electricity required
- Jam proof operation
- Patented escapement has only one moving part
- Push-to-start in-line driver with preset torque limiting clutch
- Patented track assembly
- For #6 thru #10 screws up to 1" long*
- Adjustment free logic system provides 10 million + cycle lifetimes
- 5 year warranty on screwdriver clutch
- No air use when not driving screws
- Includes filter, regulator, lubricator and gauge
- MADE IN U.S.A.



DIMENSIONS



SPECIFICATIONS

For Typical Standard Machine

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

ELECTRICAL REQUIREMENTS

None required.

AIR REQUIREMENTS

Normal operation within specifications-80 psi, min.
Operation with reduced torque-60 psi, min.

APPLICATION RANGE

#6 to #10 fastener.
Up to 1" long.
1.15:1 screw length to head diameter ratio, minimum.

FEED RATE

Average-30 screws/minute, max.
Max. Feed Rate-Less than 1 sec./screw.

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.-lb. externally adjustable torque based on screw size, type.
Externally reversible drive motor.

DRIVER JAWS (#6, 8, OR 10)

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-4 lbs.
Patented escapement mechanism cannot deliver more than one screw at a time.

ON-OFF CONTROL

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

HOSE LENGTH

12 feet yields 10 foot reach.

QUOTATION REQUIREMENTS

Sample screws
Sample workpiece
Quotation data sheet.

ORDER REQUIREMENTS

4 lbs. of screws, sample part

AVAILABLE OPTIONS AND CAPABILITIES

*SCREW SIZE

#4 to 1/4" screws up to 1-1/2" long.

OPTIONAL DRIVER MOTORS

The Screwmaster screwfeeding system can accommodate most speed and torque requirements.
Ratcheting clutch.

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.

SPARE TRACK AND DRIVER ASSEMBLIES

Allows different size screws to be used from the same feeder system.
Minimal changeover time.

FEEDER

12" diameter bowl for larger screws or increased capacity

ENVIRONMENTAL ENCLOSURES (SEE PAGE 19)

Bench mount.
Cart mount.