

**THE NEXT
GENERATION**

Stud Master

B & G INNOVATION - THE SME-4



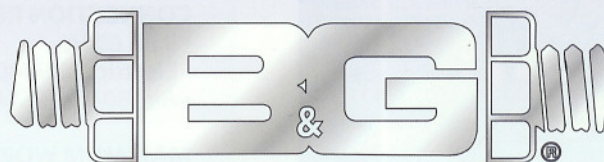
As evidence of our tradition of innovative excellence, B&G now introduces the Next Generation of the Stud Master, the SME-4. The SME-4 has a Control tower with all operator interfaces now standard equipment including features such as:

- Start and stop
- LED parts counter
- LED RPM indicator
- RPM control
- Operation selections

The Innovative SME-4 Stud Master provides uniform quality, adaptability to special applications and improved productivity.

Other features and benefits include:

- Capacity 3/16" Through 4" Diameters
- 2 Production Requirements Engineered Into 1 Machine
- Produce Finished Products In Seconds
- Bottom Line & Operator Friendly ... Guaranteed
- Repeatability
- Dependability
- Smoother & Quieter Operation
- Dial Up Access for Remote Trouble Shooting
- One Machine Does it All
- Precision Spindle Control
- Better Serviceability



Manufacturing Company

FEATURES

Control tower with all operator interfaces now standard equipment including:

- Start and stop
- LED parts counter
- LED RPM indicator
- RPM control
- Operation selections

• Remote trouble shooting capability with data port

• Electronic drive system with logical control

• Remote electronic foot pedal now standard equipment

• 3HP inverter duty motor with RPM selection 0-1500 continuous

• Solid state switches and actuators

SPECIFICATIONS

CAPACITY

- Chamfer 3/16" through 4" diameter
- Stamp 3/8" through 4" diameter
- 30-60° Chamfer angle capable

CUTTERS

- Indexable coated carbide inserts with three and four cutting edges each

STAMPS

- Hardened tool steel for long life. 1/4" diameter to 1" diameter available with or without logo.

PRODUCT LENGTHS

- Chamfer and stamp parts as short as 1 3/4" long, with no maximum length restriction. See Short Stuff attachment insert for shorter lengths.

IMPACT TONNAGE

- 1/2 through 3 1/2 tons

SAMPLE PRODUCTION RATE:

1" DIS. X 12" (heat treated alloy studs)

- 1.5 seconds per end plus handling (saw to Stud Master) equals 6 studs per minute. One shift (8 hours, or 480 minutes) equals 2,880 studs, chamfered and stamped.

STUD CLAMPING FORCES

- At 80 PSI=8,664 lbs.
- At 100 PSI=10,830 lbs.

PLAN DIMENSIONS

- 18"x36"x31" height

MACHINE WEIGHT

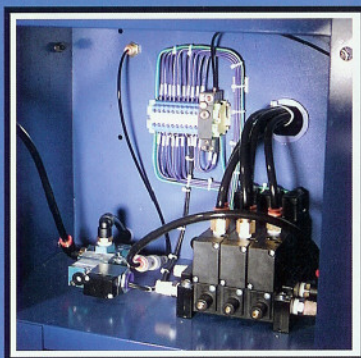
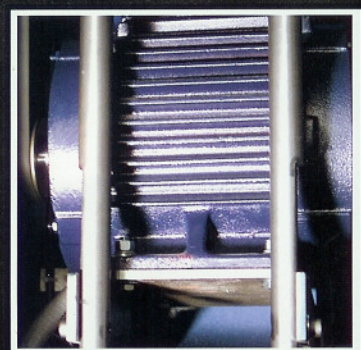
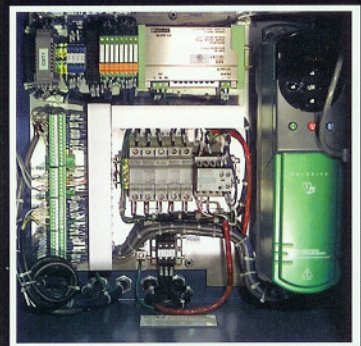
- 925 lbs approx.

CONNECTION REQUIREMENTS

- 3 ph 60 Hz
- Electric: 220/440
- Air: 80/100 PSI Air Supply

MAXIMUM WORK LOAD

- At vise unsupported-300 lbs.



SOUTH WIND
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