

# Farrell Engineering Ltd

Westbury House, 23-25 Bridge Street, Pinner HA5 3HR United Kingdom

Tel : 0044-208-3432 3291 Fax : 044-208-9657586

Email : [chan@farrellengineering.com](mailto:chan@farrellengineering.com)









Category	:-	Gear Related Machines	Serial No	:-	20442
Model	:-	3	Country	:-	
Make	:-	Gleason	Type of Machine	:-	Straight Bevel Gear Generator heavily equipped
Year	:-	0	Weight	:-	0.0
Dimensions	:-		Power	:-	
Location	:-		Asking Price	:-	On Request

Specification :-

## **SPECIFICATIONS**

### **3" spiral Bevel Gear Generator**

#### **CAPACITY**

Longest cone distance, 5/8" face,

30° spiral angle..... 2¼"

Longest cone distance, 4/10"

Face, zero..... 1-1/5"

Shortest cone distance..... 0

Maximum pitch angle, shafts at

90° .....75° 58'

Minimum pitch angle, shaft at

90° .....14° 2'

Extreme ratio.....4 to 1

Minimum teeth in meter gears.....16

Maximum pitch diameter 4 to 1

Ratio gear .....4 7/16"

Maximum pitch diameter 2 to 1

Ratio- gear.....4"

Maximum pitch diameter 1 to 1 ratio.....3 3/16"

Largest Pitch (Diametral).....10

Smallest pitch (Diametral).....limited only by point width of cutter

Longest face.....5/8"

Range in number of teeth.....8-80

#### **WORK SPINDLE**

Diameter of taper hole, large End.....1 1/16"

Taper per foot.....1/2"

Depth of taper.....3"

Diameter of hole through.....5/8"

Range in distance from centre of machine to spindle nose..... 1 ¼"to 3 ¼"

#### **SPEED AND FEEDS**

Feet per minute.....75 to 250

Feed, time per tooth, in seconds 1½ to 30

#### **DRIVE**

H.P.of motors.....¾

Speed of motors..... 1500 or 1800

**MISCELLANEOUS**

**Floor space.....33" x 35"**

**Net weight.....1800 lbs.**

**Gross Weight, Domestic shipment.....2175 lbs.**

**Foreign Shipment -1 Box 56" x 43" x 59".....2250 lbs.**

Description :--