

KUNARK HITECH MACHINING & SALES PVT.LTD.



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Machine Id	:- 706	Serial No	:-
Category	:- Gear Related Machines	Model	:- GFF
Country	:- United States	Make	:- Red Ring (National Broach)
Type of Machine	:- CNC Universal Gear Shaver machine (Choice of 6 Similar Machines)	Year	:- 0
Weight	:- 0.0	Dimensions	:-
Power	:-	Location	:- Mumbai Warehosue, India

Specification :-

the serial number of three machines are

machine 1) GFF-3512, BT-195975

machine (2) GFF-3502, BT- 273962

machine (3) GFF-3508, BT-273964

GFF Gear Shaver

MACHINE CHARACTERISTICS

2.0 Machine Characteristics

2.1 Machine Specifications

Operational Requirements

Power Supply	460V—3 phase—90 amps
Pneumatic Supply	60 psi mm. (17 scfm—3/4 npt inlet)
Coolant Type	Stuart 'thred kut" #25 requiv. (l35ssu at 100°F)

Motor Specifications

	HP	RPM
Cutter (AC spindle)	15	1500—6000

Table (X—axis, AC servo)	4.8	3000
Knee w/Brake (Y—axis, AC servo)	4.8	3000
Coolant Pump	1	1800
Chip Separator	1/3	1800

Specds and Feeds (external)

Cutter Speed (9' cutter head)	50—500 RPM
Cutter speed (12' cutter head)	50—400 RPM
Table Cross Feed (X—axis)	.5 to 35 ipm
Table Up—Down Feed (Y—axis)	.004 to 12.5 ipm

Travel Limits (external)

Max. X—axis Table Travel (conventional)	6'
Max. X—axis Table Travel (diagonal)	6' to 2'*
Max. X—axis Table Travel (90 traverse)	2'
Max. Y—axis Table Travel	8 1/2'
Diagonal Traverse Angle RH or LH:	
(straight shaving)	0 to 90
(crown shaving max.)	45 approx.
Maximum Table Angle (crowning)	5
Maximum Table Angle (taper)	1 30'
Maximum Cutter Head Crossed Axes Angle (right)	25°
Maximum Cutter Head Crossed Axes Angle (left)	25°

Axis Resolution

X-axis	0.0005'
Y—axis	0.0005'
B-axis	0.001

Estimated Weight

Total Machine	12,000 pounds
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* Depending on table angle.