

# CLEVELAND

## SAMSTAR MODEL NGD 400 E.D.M.



### MACHINE FEATURES:

- RIGID COLUMN AND STURDY BED
- HIGH QUALITY PWM-DC SERVO MOTOR
- RAM MOUNTED THK LINEAR ROLLER SLIDE WAYS
- SUB-SLIDE MOVEMENT FOR ADDITIONAL OPEN HEIGHT
- V-PLANE TYPE TABLE WITH TURCITE-B SLIDING WAYS
- SPECIAL DESIGN FOR BEARING LARGE HORIZONTAL FORCE ON TABLE

### POWER SUPPLY:

- PROGRAMMABLE PARAMETERS FOR EASY OPERATION
- DUAL VOLTAGE UP TO 180 VOLTS
- SPECIAL WAVE FORM FOR COPPER ELECTRODE
- ROUGH TO FINISH ONLY ONE SETTING
- DITHER FEATURE AND DEPTH PRESETTING

## **SPECIFICATIONS:**

WORKTABLE SIZE:	25" X 16"
WORKTABLE TRAVEL:	14" X 10"
RAM SERVE TRAVEL:	10"
SUB SLIDE TRAVEL:	8"
MAXIMUM OPEN HEIGHT:	25"
MAXIMUM ELECTRODE WEIGHT	110 LBS.
MAXIMUM WORKPIECE WEIGHT:	1,800 LBS.
WORK TANK SIZE:	36" X 22" X 14"
OVERALL DIMENSION (LxWxH):	52" X 52" X 78"

## **POWER SUPPLY:**

CURRENT:	30 AMPS (50 AMPS AVAILABLE)
ON TIME:	1 $\mu$ s – 2,000 $\mu$ s TOTAL 12 CHANNELS
OFF TIME:	10 $\mu$ s – 500 $\mu$ s TOTAL 12 CHANNELS
VOLTAGE:	85 VOLTS OR 180 VOLTS
EFFICIENCY OF ANTI-ARC:	0% - 90% TOTAL 10 CHANNELS
WORK CHART:	44 SET
PROGRAMMABLE PARAMETERS:	99 SET
MACHINING RATE:	30A, 0.02 in <sup>3</sup> /min (50A, 0.03 in <sup>3</sup> /min)
FINISHING:	Ra ( $\mu$ m) 0.4 – 0.8
ELECTRODE WEAR:	< 0.5%
AC INPUT:	220V/380V/440V 3 PHASE 60Hz 30 AMP - 5 KVA (50 AMP - 7 KVA)

*\*\*DESIGN, SPECIFICATIONS, COLOR & PRICE, SUBJECT TO CHANGE WITHOUT NOTICE\*\**

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