

IA Machinery Is Pleased To Offer For Your Consideration:

**Our Ref: 4584**

**ONE Preowned 110" Swing x 96" Centers BUTLER-NEWALL CNC Gap Bed Strut Cylindrical Grinder  
S/N 88 GB 4086, MFG 1990**

PRELIMINARY SPECIFICATIONS:

CAPACITY:

SWING OVER TABLE (MAXIMUM DIAMETER).....	26"
SWING IN GAP (MAXIMUM) .....	110"
DISTANCE BETWEEN CENTERS, GAP OPEN.....	96"
DISTANCE BETWEEN CENTERS, GAP CLOSED.....	60"
WHEEL HEAD CARRIAGE TRAVEL .....	72"
WHEEL HEAD SWIVEL.....	+ 12 DEGREES
TABLE SWIVELS TOWARD & AWAY WHEEL HEAD ..	3 DEGREES
GRINDING WHEEL HEAD:	
GRINDING WHEEL (DIA. X FACE X BORE).....	30" X 3" X 12"
SPINDLE SPEEDS (VARIABLE 4000 TO 8000 FPM).....	(500 TO 1500 RPM)
HEADSTOCK:	
NUMBER OF SPEEDS: INFINITE SPEED RANGE.....	8 TO 100 RPM
WHEELHEAD CARRIAGE TRAVERSE:	
GRINDING RATES.....	INFINITE
MIN. MOVEMENTS OF CARRIAGE FOR AUTO REVERSAL	1/4"
RANGE OF GRINDING RATES.....	1 TO 120 IPM
ACCURACY OF TABLE REVERSAL.....	0.0005"
CARRIAGE DWELL ADJUSTMENT.....	1 TO 20 SEC.
HAND TRAVERSE:	
FEED (MINIMUM).....	0.022 IPR
RAPID (MAXIMUM).....	1.14 IPR
INFEED ADJUSTMENTS:	
MINIMUM WHEEL HEAD MOVEMENT (HAND).....	0.0016 IPR
MAXIMUM WHEEL HEAD MOVEMENT (HAND).....	0.080 IPR
INFEED INCREMENT.....	0.0001"
AUTO INFEED TABLE REVERSAL (RANGE).....	0.0000" TO .0012"
TOTAL ADJUSTMENT OF WHEEL HEAD (HAND & POWER)	18"
COMPONENTS:	
WHEEL HEAD STRAIGHT APPROACH, SWIVEL WHEEL HEAD	
WHEEL DIAMETER: 30" X 2" X 12" BORE RECESSED ONE SIDE 16" X 5/8"	
GRIT AND GRADE 89A-702-I-8AV217-P-5	
WHEEL SPEED, INFINITELY VARIABLE.....	4000 TO 8000 FPM
WHEEL DRESSING.....	SINGLE POINT DIAMOND

HEADSTOCK UNIT.....	8 TO 100 RPM SPEED RANGE
HEIGHT OF CENTERS (ABOVE TABLE).....	18-5/16" (465MM)
MAXIMUM SWING IN GAP.....	110"
MAXIMUM DIAMETER GROUND.....	26"
MAXIMUM GRINDING LENGTH.....	68"
MAXIMUM CARRIAGE STROKE.....	72"
MAXIMUM CARRIAGE SPEED.....	120 IPM
CONTROL SYSTEM.....	SIEMENS SINUMERIK 3G, PART NO. 6FC 3761 0FAZ, 3G CONTROLLER 8MHZ VERSION WITH OPTIONS B41, B74, C45, E43, H12, N39, N83 & N84, SYSTEM INCLUDES TURNING CONTROL PANEL, PART NO. 6FC 3138 3EF
ELECTRICAL SUPPLY REQUIRED.....	575V, 3 PHASE, 60 HZ
LUBRICATION.....	TRABON CENTRALIZED SYSTEM
MOTORS:	
WHEEL HEAD SPINDLE.....	SIEMENS TEFC, 22KW, 30HP, 4 POLE 415V, 3PH 1000 TO 3056 RPM AC MOTOR, B3 FOOT MOUNTED, BALANCED TO VIBRATION GRADE "S". FRAME SIZE 180L PART NO. 1LA6 186 4AA90 ZK02
MOTORS:	
WORK SPINDLE.....	SIEMENS, 5.6KW AT 1000 RPM, 6000 RPM MAX. 415 VOLTS 50/60HZ MOTOR. BALANCED TO VIBRATION GRADE "S". FITTED WITH BLOWER MOTOR AND G14 FILTER ASSEMBLY MOTOR PART NO. 1GG 5116 0WY 406HU
CARRIAGE DRIVE.....	SIEMENS, 6.5NM 2000 RPM MOTOR. PART NO. 1FT5066-0AC01
WHEEL HEAD FEED.....	SIEMENS, 6.5NM, 2000 RPM MOTOR WITH 4:1 REDUCTION GEARBOX. PART NO. 1FT5066-0AC01-Z
HYDRAULIC UNIT.....	SIEMENS TEFC, 2.55KW, 3.5HP, 4 POLE, 575V, 3 PHASE, 60HZ, 1800 RPM MOTOR. FOOT AND FLANGE MOUNTED. WORKING PRESSURE 385 PSI. PART NO. 1LA5 096 4AA96 ZD40
SCAVENGER TANK.....	SIEMENS TEFC, 0.86KW, 1 HP, 4 POLE, 575V, 3 PHASE, 60HZ, 1800 RPM MOTOR. VERTICAL MOUNT V5. PART NO. 1 LA5 083 4AA90 ZD40
AUXILIARY WHEEL HEAD.....	SIEMENS TEFC, 2.55KW, 3.5HP, 2 POLE, 575V, 3 PHASE, 60HZ, 3600 RPM MOTOR. FOOT MOUNTED. BALANCED TO VIBRATION GRADE "S". PART NO. 1LA5 096 2AA90 ZD40

TOTAL WEIGHT OF MACHINE..... 25 U.S. TONS  
APPROX. TOTAL FLOOR SPACE REQUIRED..... 243" X 184" (20' X 15')

**EQUIPPED WITH:**

- 2- STEADY RESTS WITH THREE CONTACT POINTS.
- 2- STEADY RESTS OPEN END SHOE TYPE.
- 1-NEW WHEEL HUB.STONE DRESSER WITH DIAMOND NIB.
- 1- FACE PLATE.
- 7- LIVE & DEAD CENTERS.
- 3- RISER STAGES. STAGE FOR INTERNAL SPINDLE.
- MISCELLANEOUS TOOLING.
- OPERATION & PART MANUALS.

PRICE: AT CURRENT LOCATION ON EAST COAST..... **\$425,000.00**

**LEASE PAYMENT OPTION**

\*\$11,465/month for 36 months

To apply for financing please contact Tiffany Guimond at 818-508-7034 or email [tguimond@biditup.com](mailto:tguimond@biditup.com).  
To submit a credit application online click [here](#)

\*Payments are based (OAC) and \$1.00 buyout Lease, 36 months term, 25% down payment, shorter or longer terms available. This advertisement in no way constitutes an offer to buy or sell equipment from Industrial Assets Machinery or BIDITUP or for Charcole Capital to provide financing or leasing. Payments exclude destination, rigging and transportation charges, any applicable taxes, and any applicable fees. Any calculation of any price, tax, lease or finance terms is for your reference only, is an estimate, and is subject to change without notice.







