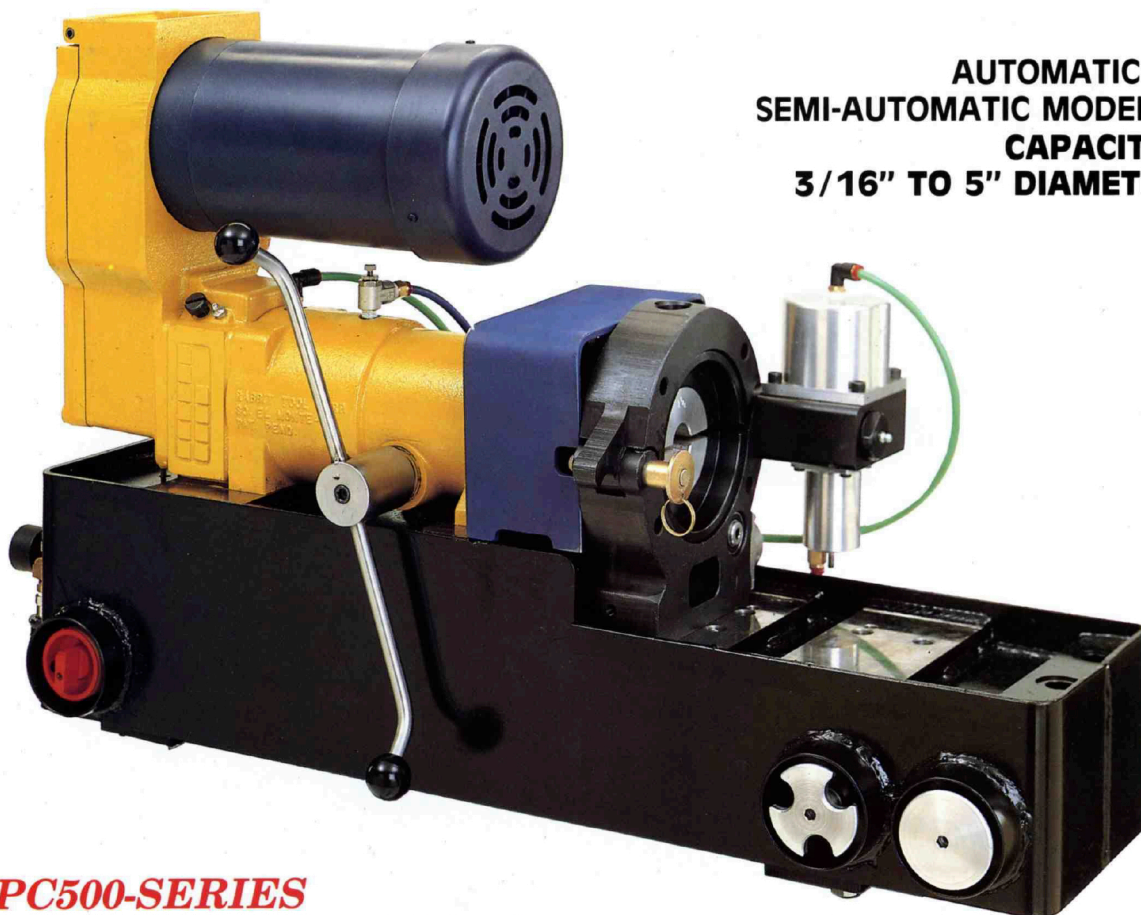


PC500-SERIES

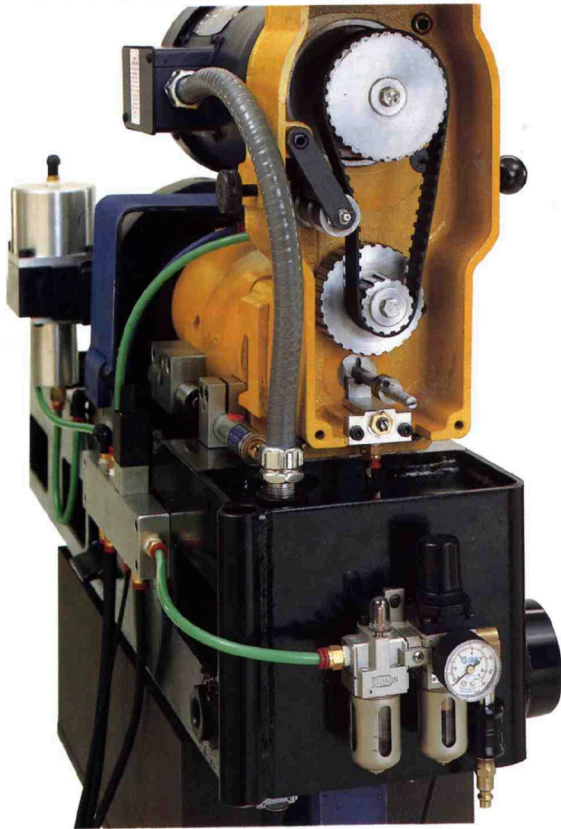
PRODUCTION CHAMFERING MACHINES
—SIMULTANEOUS I.D.,
O.D., FACE & COUNTERBORE

- HEAVY PIPE BEVELING
- BAR STOCK CHAMFERING
- PRECISION TUBE SQUARING

AUTOMATIC &
SEMI-AUTOMATIC MODELS:
CAPACITY:
3/16" TO 5" DIAMETER

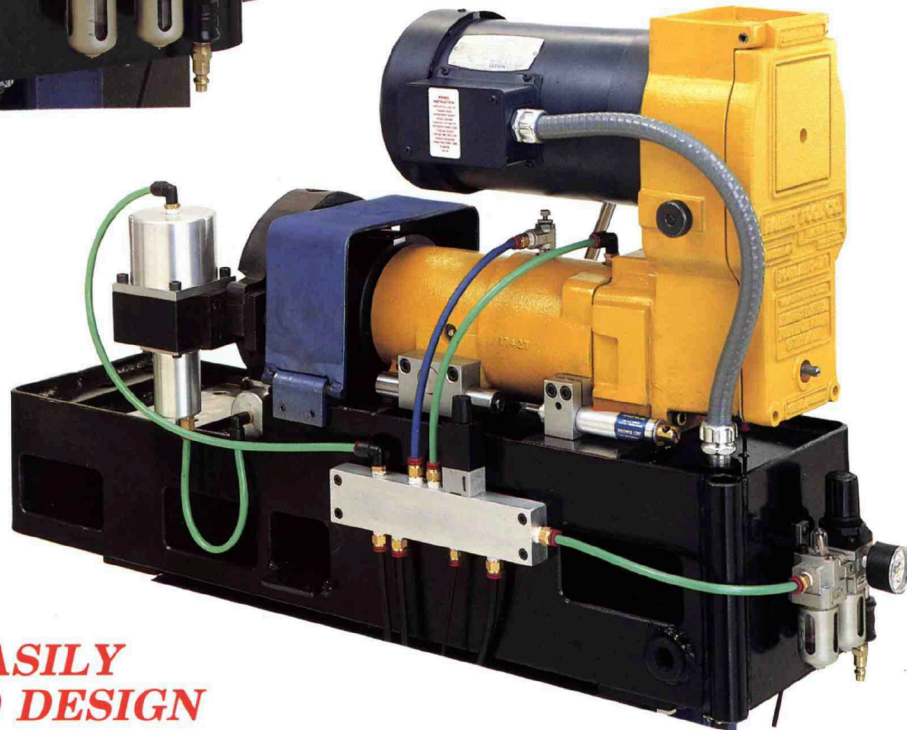
**PC500-SERIES
EXCLUSIVE FEATURES**

- 1) QUICK CHANGE TOOLS & DIES.
- 2) COOLANT COMPATIBLE BASE DESIGN.
- 3) EASILY ACCESSIBLE TOOLING FOR QUICK SETUPS.
- 4) STATIONERY STOCK, ROTATING TOOLS MOUNTED ON INTEGRAL BALL BEARING QUILL TYPE SPINDLE.
- 5) SUPER-QUICK MACHINE HAS NORMAL CYCLE TIMES OF BETWEEN 1-10 SECONDS. SETUPS CAN BE LESS THAN 5 MINUTES.
- 6) SLENDER COMPACT DESIGN FITS ANYWHERE & EASILY INSERTS INTO A TRANSFER LINE OR TUBE MILL OFF-LINE STATION.
- 7) AUTO MODEL HAS DUAL MODES (MANUAL FOR QUICK SETUPS & ONE OFFS & AUTO FOR PRODUCTION) INSTANTLY CHANGEABLE AT THE PUSH OF A BUTTON (SECOND FROM RIGHT).
- 8) MECHANICALLY IDENTICAL SEMI-AUTO MODEL HAS ALL FUNCTIONS (INCLUDING THE VISE, STOP & MOTOR) CONTROLLED VIA THE SPINDLE FEED LEVER; NO FOOT PEDAL IS REQUIRED.



STANDARD FEATURES

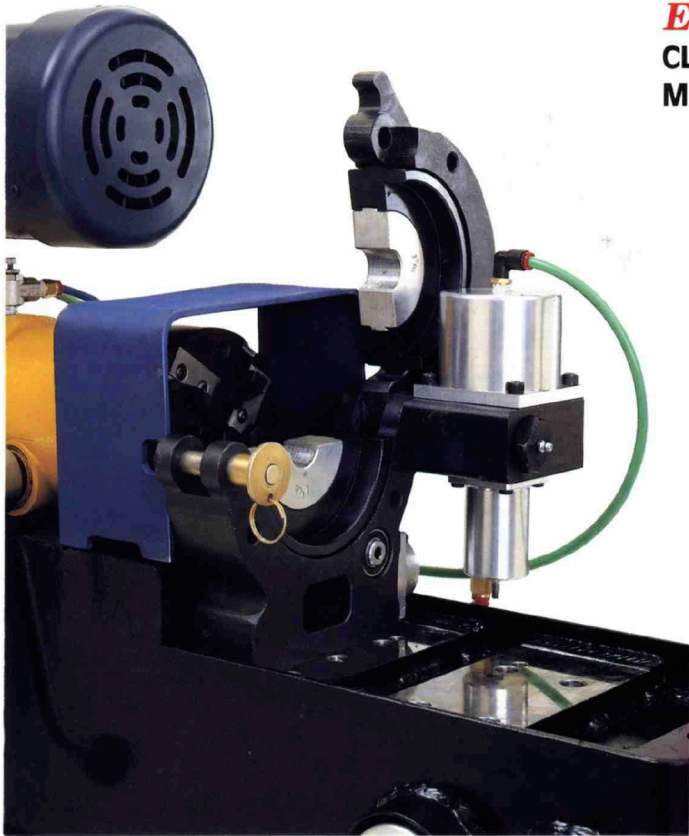
- 1) SIMPLE QUICK CHANGE 8-SPEED TRANSMISSION FROM A SINGLE SPEED MOTOR FOR MAXIMIZING CUTTER LIFE & PRODUCTION RATES. THREE SPEED RANGES ARE AVAILABLE:
123-644 RPM LOW SPEED RANGE
246-1,287 RPM MEDIUM SPEED RANGE - STANDARD
491-2,567 RPM HIGH SPEED RANGE
- 2) SPINDLE CENTER LINE MOUNTED ADJUSTABLE DRAWBAR STOP ("METAL TO METAL") FOR MAXIMIZING CUT LENGTH CONTROL & REPEATIBILITY.
- 3) AIR FILTER, REGULATOR, GAUGE & LUBRICATOR PROVIDED SO THAT YOU CAN SAFELY QUICK CONNECT YOUR SHOP AIR LINE.



CLEAN, EASILY SERVICED DESIGN

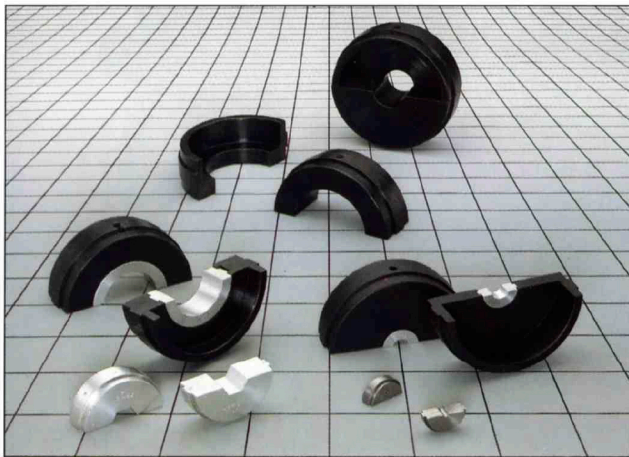
- 1) INTEGRAL BACK DISCHARGE CHIP & COOLANT CHUTE.
- 2) MANIFOLDED AIR CONTROL CIRCUIT ON THE PC500 AUTO MODEL FOR SERVICEABILITY & RELIABILITY.
- 3) HEAVY DUTY FLIP OPEN SAFETY INTERLOCKED SPINDLE CHIP / SPLASH GUARD.
- 4) EASILY ACCESSIBLE SPINDLE RAPID TRAVEL POSITIONING & SPEED ADJUSTMENT.
- 5) TOTALLY SEALED ADJUSTABLE OIL HYDROCHECK FOR PRECISION CUTTER FEED RATE CONTROL.

SIMPLE DESIGN, USER FRIENDLY!



EXCLUSIVE PATENT PENDING
**CLAM SHELL VISE SYSTEM IS DESIGNED FOR
 MAXIMUM VERSATILITY & PRODUCTIVITY —**

- 1) VERSATILE QUICK CHANGE MASTER & SUB-JAW COLLET/DIE SYSTEM TO ACCOMMODATE VIRTUALLY ALL LENGTHS (1/4"-∞) & ALL WALL THICKNESSES (.004—SOLID) WITHIN ITS RANGE (3/16"-5" DIAMETER).
- 2) TOP JAW PIVOTS OPEN FOR QUICK CHANGING OF DIES & ALSO TO ACCOMMODATE FLARING, FLANGING & BEADING OPERATIONS.
- 3) VISE & STOP ASSEMBLY HAVE DUAL MOUNTING POSITIONS 2" APART ON THE BASE TO ACCOMMODATE SPECIAL TOOLING.
- 4) INTEGRAL DOUBLE BALL BEARING PIVOT STOP HAS AN ADJUSTABLE AXIAL POSITION TO VARY STOCK OVERHANG FROM THE DIE AS DESIRED.
- 5) VISE JAWS NORMALLY OPEN ONLY ABOUT 3/8" TO MINIMIZE CYCLE TIMES & POSSIBILITY OF OPERATOR INJURY.

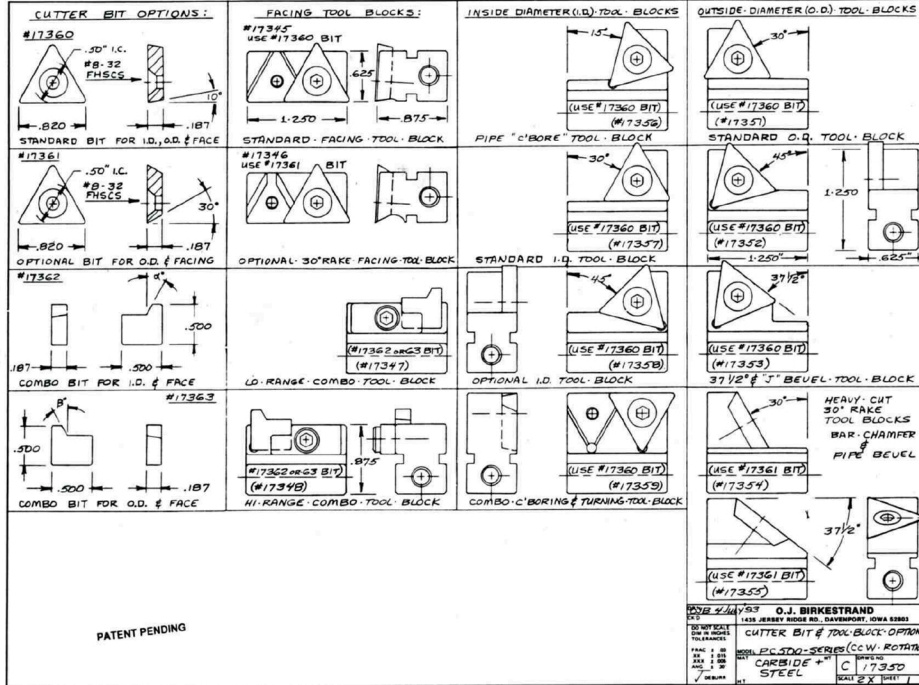


QUICK-CHANGE DIES:
 ALL SIZES & TYPES TO FIT YOUR NEEDS.
 ROUND, HEX, SQUARE & IRREGULAR —
 ANY SIZE IN HEAT TREATED STEEL OR
 ALUMINUM.



BOLT-ON HEAVY DUTY *MACHINE FLOOR STAND* WITH PROFESSIONAL 2-DRAWER LOCKABLE TOOL BOX. ON THE -3P MODELS, THE MAGNETIC STARTER & AIR-ELECTRIC SWITCH BOLT TO IT. AUTO MODEL INCLUDES MACHINE FOOT PEDAL & GUARD (NOT SHOWN).

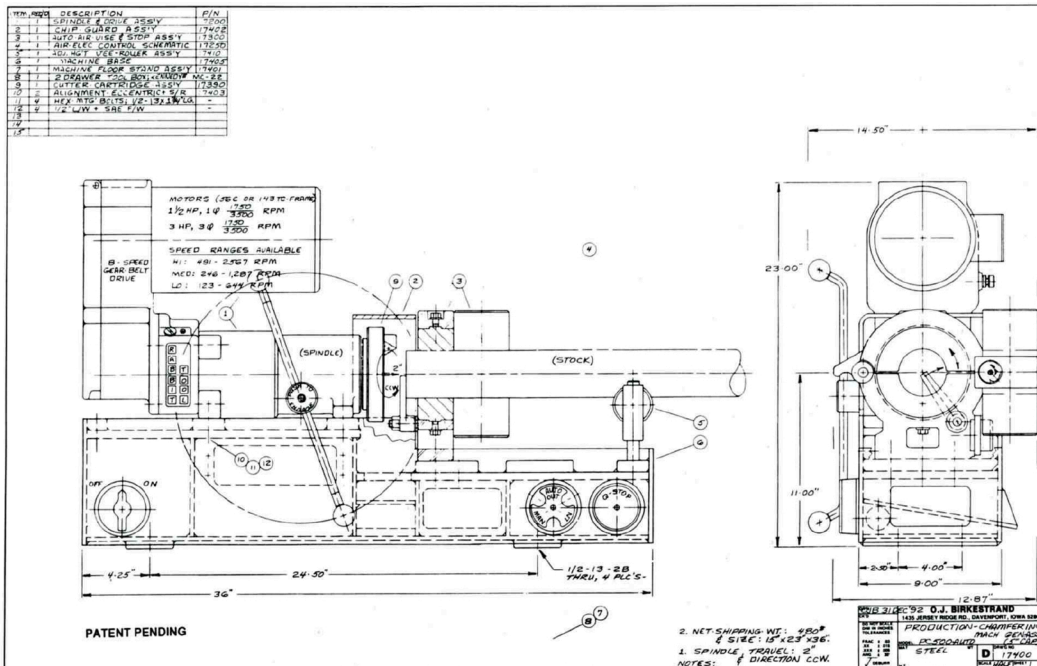
PC500 TOOL BLOCKS & CUTTER BITS
— STANDARD SIZES —



PC500 AUTO

GENERAL ASSEMBLY DRAWING

NET WT. 500 LBS. SHIPPING WT. 550 LBS. GROSS
 BOXED SIZE: 18" WIDE X 30" HIGH X 40" LONG



THE MOST VERSATILE CHAMFERING MACHINES IN THE U.S.A.