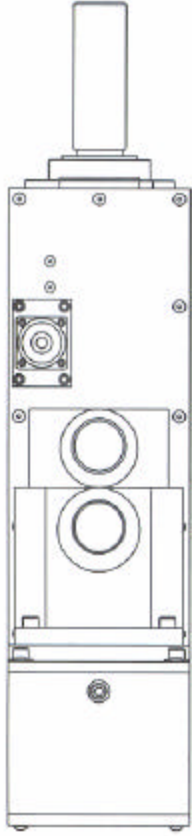
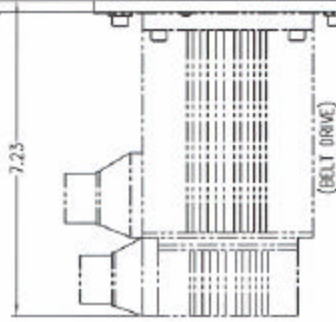


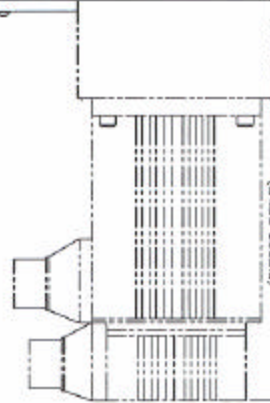
# 8300 SERIES BASIC LAYOUT



(MOTOR DEPENDENT)

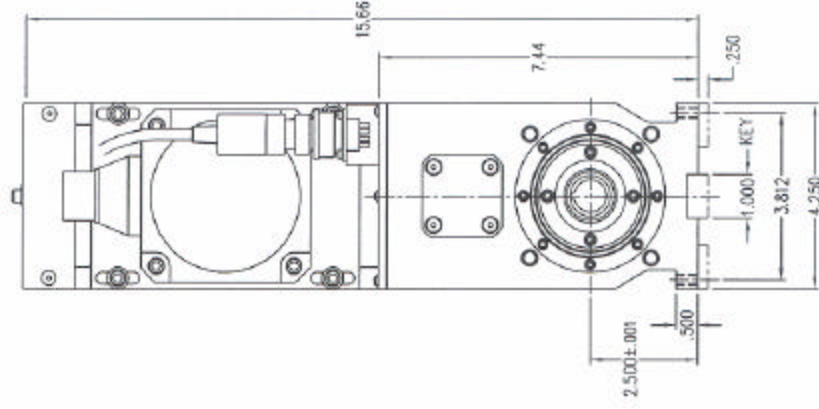
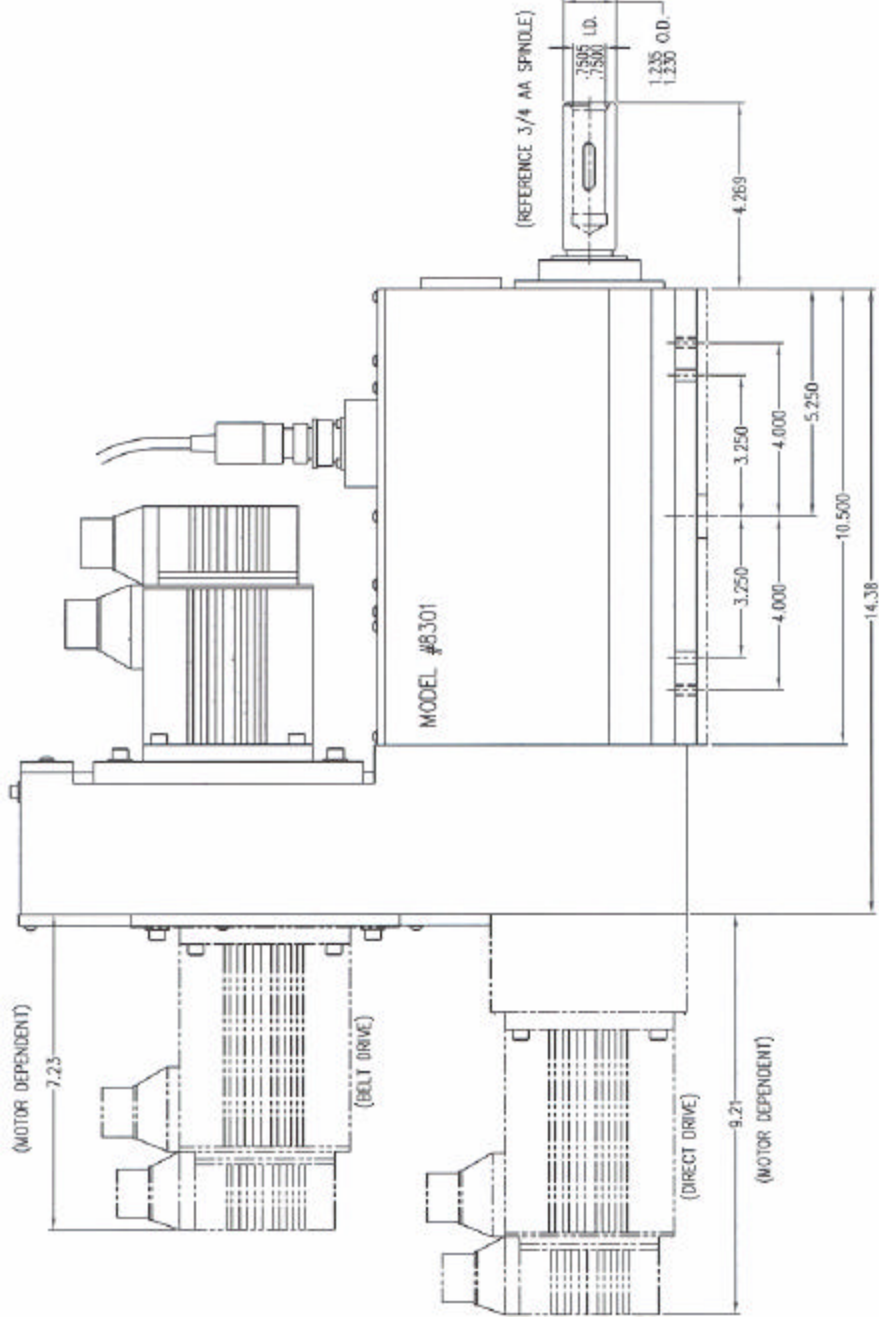


(BELT DRIVE)



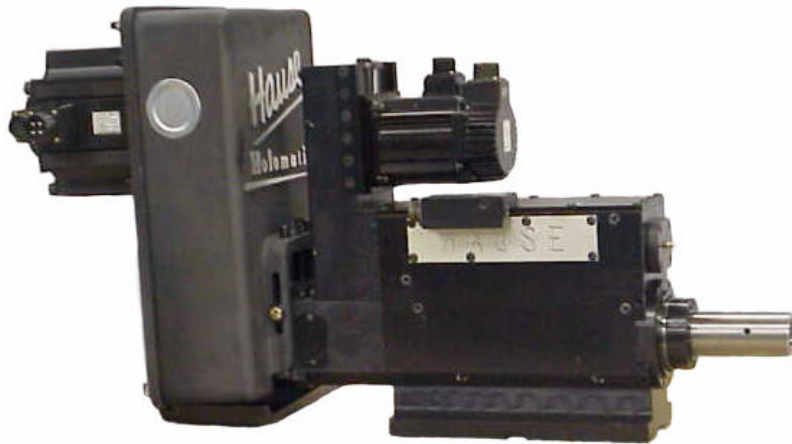
(DIRECT DRIVE)

(MOTOR DEPENDENT)



|  |  |   |                        |      |
|--|--|---|------------------------|------|
| TITLE: MODEL 8300 SERIES BALLSCREW<br>STAMP HAUSE PART NUMBER ON ALL PARTS<br>REMOVE ALL BURRS & BREAK ALL CORNERS<br>PLOT DATE: 06/01/2005; 15:38 LGW CODE          |  | SCALE: 1/2<br>DATE: 06/15/04<br>FINISH: | DRAWN: LGW<br>CHECKED: | REF: |
| THE DRAWING IS UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN MILLIMETERS<br>UNLESS OTHERWISE SPECIFIED<br>FRACTIONS ARE IN DECIMALS<br>UNLESS OTHERWISE SPECIFIED | HAUSE MACHINES<br>HAUSE MACHINES<br>2001 30th<br>FRACTIONS/AVENUE TPELER, OHIO U.S.A.<br>43081 | DRAWN: LGW<br>CHECKED:                  | DWG # 8300             |      |

# 8400 SERIES UNIT



## FEATURES AND BENEFITS

- 4 INCHES OF STROKE
- FULLY PROGRAMMABLE, FEED AND ROTATION
- ALMOST IMMEDIATE CHANGEOVER
- SPINDLE CHOICES
- CONSISTANT REPEATABILITY
- NO MANUAL ADJUSTING OF FEEDS, RAPIDS OR SPEEDS!
- **5 FULL YEARS OF WARRANTY\***

## SPECIFICATIONS

MODEL 8401, 8402, 8403, 8404 (BALLSCREW PITCH AND MFG. DEFINES MODEL NUMBER)

|                    |   |
|--------------------|---|
| STROKE             | 4.000"  |
| CENTER HEIGHT      | 4.500" ± .001"  |
| SPINDLE TYPES      | 1-1/16" AA, 1-3/8" AA, ER25 COLLET, PILOTED SLOT, #40 NMTB, OTHERS  |
| THRUST             | 1800 LBS. MAX.  |
| QUILL DIAMETER     | 3.250"  |
| MOUNTING           | UNLIMITED   |
| MAX. SPINDLE SPEED | 7200 RPM  |
| MIN. SPINDLE SPEED | 3:1 REDUCTION W/BELTS (LOWER THROUGH REDUCTION DRIVE)   |
| CYCLE CONTROL      | DATA ENTRY (PLUG & PLAY) 1 & 2 AXIS SERVO CONTROL, REG. DRILL, SKIP FEED, DUAL FEED, PECK, TAP, AND DRAP MODES OF OPERATION |
| CAPACITY           | 3/4" DRILL IN STEEL   |
| FEED RATE          | .01 TO 200 IPM  |
| DEPTH REPEATS      | ± .0005   |
| SPINDLE TORQUE     | 600 INCH POUNDS   |
| WEIGHT             | 125 POUNDS (LESS MOTORS)  |
| FLANGE QUILL       | ALLEN (ADAPTABLE FOR MULTI-SPINDLE HEADS)   |
| SPINDLE BEARINGS   | CONRAD OR ANGULAR CONTACT - APPLICATION DEPENDENT   |
| POWER SUPPLY       | SPL. 220/440 V 3 PH / 60 HZ (CONTROLLER 24V DC)   |
| SPINDLE MOTOR      | STD. 4.5 AK OR SERVO FOR TAPPING / 2ND AXIS   |
| JUNCTION BOX       | STD. PRE-WIRED FOR OVER-TRAVEL LIMIT SWITCHES   |
| SWITCHES           | PROX OVERTRAVEL / SINK OR SOURCE  |
| LUBRICATION        | POSITIVE LUBE REQ'D - AUTO OR MANUAL (MANUAL ZERKS SUPPLIED)  |