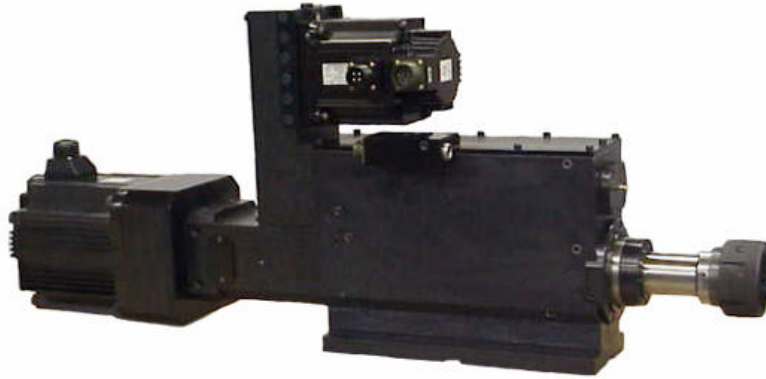


# 8100 SERIES UNIT



## FEATURES AND BENEFITS

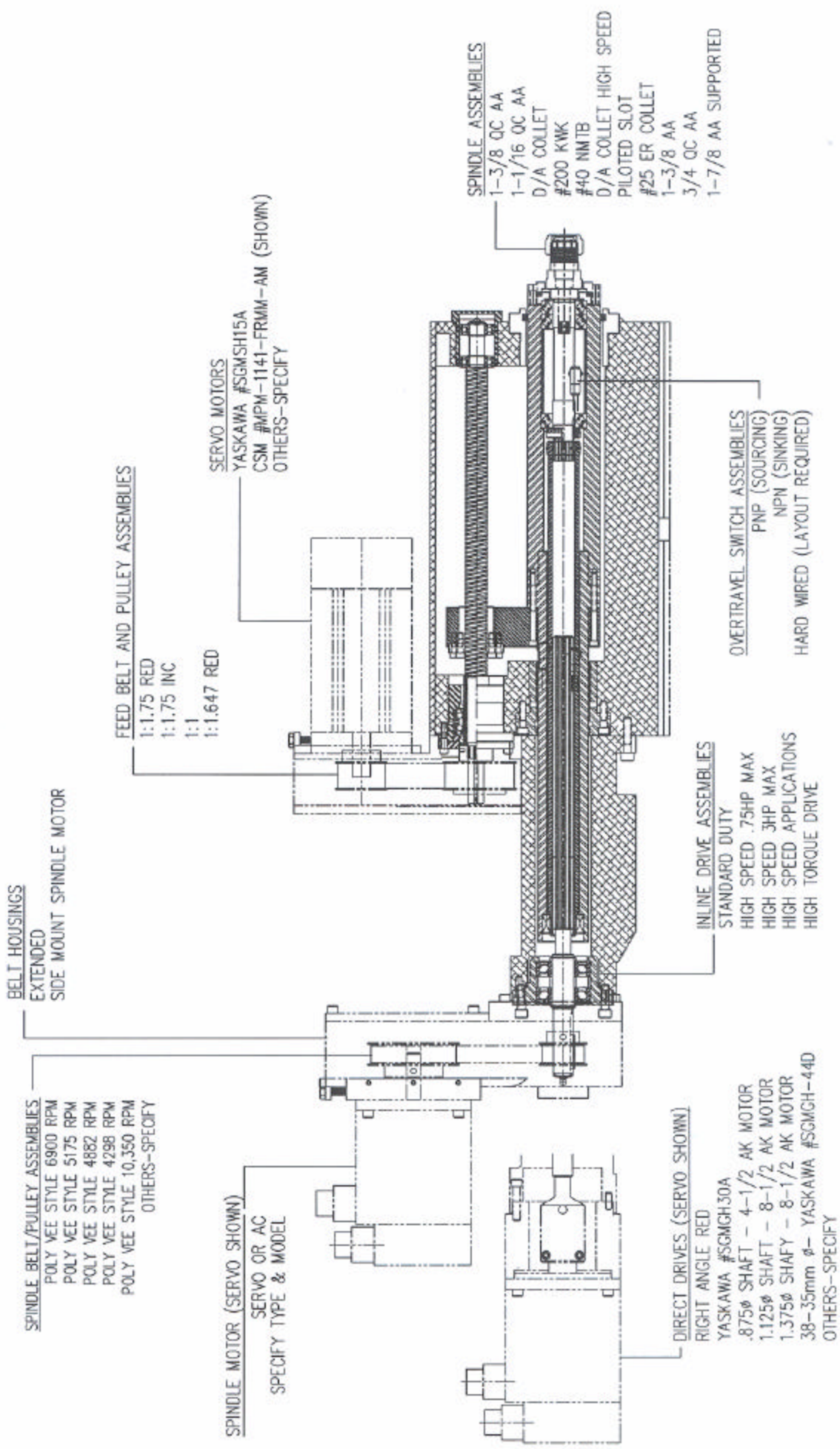
- 10 INCHES OF STROKE
- FULLY PROGRAMMABLE, FEED AND ROTATION
- ALMOST IMMEDIATE CHANGEOVER
- SPINDLE CHOICES
- CONSISTANT REPEATABILITY
- NO MANUAL ADJUSTING OF FEEDS, RAPIDS OR SPEEDS!
- **5 FULL YEARS OF WARRANTY\***

## SPECIFICATIONS

### MODEL 8104

STROKE	10.000"
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	180 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)

# 8100 SERIES UNIT REQUIREMENTS



FILE		8100 SERIES BILL OF MATERIALS AND ATTACHMENT LISTING	
STAMP HOUSE PART NUMBER ON ALL PARTS REMOVE ALL BARRS & BREAK ALL CORNERS		PLOT DATE: 05/04/2007 13:08 LHM	
DATE	TIME	SCALE	NO.
12/22/08	1:2	1/2	8100
DRAWN BY: <b>Haase</b>		CHECKED BY: _____	
DESIGNED BY: _____		DATE: _____	
APPROVED BY: _____		SCALE: _____	