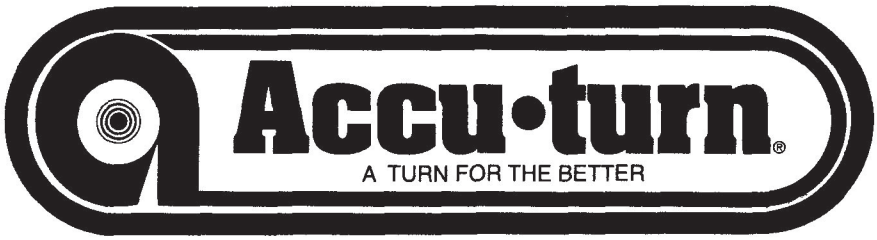



**PANZITTA SALES & SERVICE**
**72 George Avenue**
**Wilkes-Barre, PA 18705**
**570-822-6720 800-822-6720**
**www.panzittasales.com**

# HEAVY DUTY COMBINATION BRAKE LATHE
# MODEL 8989

# OPERATIONS AND MAINTENANCE MANUAL

09/01 250
#435050

# 8989 HEAVY-DUTY COMBINATION BRAKE LATHE
## PARTS LIST

PANZITTA SALES & SERVICE
72 George Avenue
Wilkes-Barre, PA 18705
570-822-6720 800-822-6720
www.panzittasales.com

| ITEM # | PARTS # | QTY. REQ'D. | DESCRIPTION |
|---|---|---|---|
| 1 | 434324 | 1 | HOUSING |
| 2 | 434014 | 1 | COVER, HOUSING |
| 3 | 434420 | 1 | GASKET .015 |
| 4 | 420772 | 4 | SCREW |
| 6 | 433605 | 1 | SPINDLE |
| 7 | 433618 | 1 | BEARING, CONE |
| 8 | 433619 | 1 | BEARING, CUP |
| 9 | 433616 | 1 | BEARING, CONE |
| 10 | 433772 | 1 | BEARING, CUP |
| 11 | 433622 | 1 | SEAL |
| 12 | 431146 | 1 | SEAL |
| 13 | 433620 | 1 | SEAL |
| 14 | 408129 | 1 | SEAL |
| 15 | 433611 | 1 | SHIM |
| 16 | 433612 | 1 | SHIM |
| 17 | 433613 | 1 | SHIM |
| 18 | 411342 | 1 | KEY |
| 19 | 433606 | 1 | GEAR, WORM |
| 20 | 433974 | 1 | SCREW, SET |
| 21 | 408365 | 1 | LOCK WASHER |
| 22 | 408364 | 1 | LOCK NUT |
| 23 | 433607 | 1 | SHAFT, WORM |
| 24 | 433614 | 2 | BEARING, CONE |
| 25 | 433615 | 2 | BEARING, CUP |
| 26 | 433608 | 1 | CARRIER, BRG. |
| 27 | 421643 | 1 | GASKETS |
| 28 | 411389 | 4 | SCREW |
| 29 | 420149 | 1 | SEAL |
| 30 | 434311 | 1 | DOVE TAIL, BOTTOM |
| 31 | 433634 | 4 | SCREW |
| 32 | 433790 | 2 | WEAR STRIP ASSY. |
| 33 | 433635 | 1 | WAY WIPER ASSY.TOP |
| 34 | 433638 | 10 | SCREW |
| 35 | 434319 | 1 | DOVE TAIL,CENTER |
| 36 | 433627 | 1 | DOVE TAIL, TOP |
| 37 | 433630 | 8 | SCREW, SET |
| 38 | 413294 | 8 | WASHER |
| 39 | 413291 | 8 | NUT, HEX |
| 40 | 433639 | 2 | SCREW, TURN |
| 41 | 535638 | 1 | SCREW, DRUM FEED ASSY. |
| 42 | 433156 | 1 | SCREW, ROTOR FEED ASSY |
| 44 | 433645 | 4 | RING, RETAINING EXT. |
| 45 | 432413 | 4 | RING, RETAINING INT. |
| 47 | 433623 | 2 | BEARING, BALL |

| ITEM # | PARTS # | QTY. REQ'D. | DESCRIPTION |
|---|---|---|---|
| 48 | 433907 | 2 | HOUSING, FEEDBOX |
| 49 | 433646 | 1 | NUT, DRUM FEED |
| 50 | 433647 | 1 | NUT, ROTOR FEED |
| 51 | 411378 | 4 | SCREW |
| 52 | 417258 | 2 | SCREW |
| 53 | 433641 | 2 | MOTOR 1/60, 6 RPM |
| 54 | 434081 | 8 | SCREW |
| 55 | 434384 | 2 | ASSY.SHIFTING YOKE |
| 56 | 434016 | 2 | COLLAR |
| 57 | 421431 | 2 | KEY |
| 58 | 434439 | 2 | DRIVE ADAPTER |
| 59 | 433974 | 2 | SCREW, SET |
| 60 | 433653 | 2 | GEAR, SPUR 55 TEETH |
| 61 | 433655 | 2 | SPRING, CONICAL |
| 62 | 433654 | 2 | WASHER |
| 63 | 421077 | 2 | RING, RETAINING EXT. |
| 64 | 433651 | 2 | GEAR, SPUR 70 TEETH |
| 65 | 433649 | 2 | SWITCH, LIMIT |
| 68 | 433908 | 2 | COVER, FEEDBOX HSING |
| 69 | 434017 | 2 | SNAP-IN NYLINER |
| 70 | 433909 | 2 | HANDLE, SHIFTER |
| 71 | 433974 | 8 | SCREW, SET |
| 72 | 1A2169 | 2 | SPRING |
| 73 | 408373 | 2 | BALL |
| 74 | 433667 | 2 | GUARD, RTR WAY DR.MTR |
| 76 | 433638 | 4 | SCREW |
| 77 | 433735 | 1 | TELESCOPING WAY COVER ASSY. |
| 78 | 433648 | 12 | SCREW |
| 79 | 433682 | 4 | SPACER, WAY COVER |
| 80 | 433688 | 4 | SCREW |
| 81 | 433687 | 4 | SCREW |
| 82A | 433828 | 1 | HANDWHEEL ASSY. DRUM |
| 82B | 433665 | 1 | HANDWHEEL |
| 82C | 433666 | 1 | HANDLE, REVOLVING |
| 82D | 433669 | 1 | DECAL, CALIB 0-80 DRUM |
| 82E | 408409 | 1 | SCREW |
| 82F | 433974 | 1 | SCREW |
| 83A | 433829 | 1 | HANDWHEEL ASSY. ROTOR |
| 83B | 433665 | 1 | HANDWHEEL |
| 83C | 433666 | 1 | HANDLE, REVOLVING |
| 83D | 433781 | 1 | DECAL, CALIB 0-95 RTR |
| 83E | 408409 | 1 | SCREW |
| 83F | 433974 | 1 | SCREW, SET |
| 84 | 433729 | 1 | BASE, MOTOR ASSY. |
| 85 | 434572 | 1 | SHAFT, MOTOR BAS.PVT. |
| 86 | 434228 | 3 | SCREW, SET |
| 87 | 434573 | 1 | MOTOR 115/230 VOLT 1 PHASE, 1 H.P. |



**PANZITTA SALES & SERVICE**
**72 George Avenue**
**Wilkes-Barre, PA 18705**
**570-822-6720 800-822-6720**
**www.panzittasales.com**

| ITEM # | PARTS # | QTY. REQ'D. | DESCRIPTION |
|---|---|---|---|
| 88 | 434574 | 4 | WASHER |
| 89 | 434575 | 4 | SCREW |
| 90 | 433671 | 1 | SHEAVE |
| 91 | 434576 | 1 | SHEAVE |
| 92 | 433673 | 1 | V-BELT |
| 93 | 434577 | 1 | GUARD, BELT |
| 94 | 434578 | 2 | SCREW |
| 95 | 433685 | 1 | LAMP |
| 96 | 433674 | 1 | FITTING, RELIEF |
| 97 | 413281 | 1 | PLUG, PIPE |
| 98 | 411488 | 32 OZ | OIL, MOBIL SYNTHETIC GEAR OIL |
| 99 | 433830 | TRACE | STORE-AND-LUBE |
| 100 | 411478 | 1 OZ | GREASE #2 |
| 101 | 433727 | 1 | POWER CORD ASSY. |
| 102 | 433726 | 1 | MOTOR CORD ASSY. |
| 103 | 433698 | 1 | WIRE, ELECTRICAL |
| 108 | 433719 | 7 | CLAMP, CABLE 2 SCREW |
| 109 | 434734 | 1 | CONDUIT, FLEXIBLE |
| 110 | 434133 | 10 | CONNECTOR, CRIMP-ON |
| 111/112 | 434132 | 2 | CONNECTOR, CRIMP-ON |
| 113 | 433818 | 1 | SCREW |
| 114 | 434402 | 1 | SCREW |
| 115 | 438054 | 1 | SWITCH, ROTARY |
| 116 | 433695 | 1 | DECAL, SWITCH |
| 117 | 433732 | 1 | LABEL, CAUTION |
| 118 | 433733 | 1 | LABEL, CAUTION |
| 119 | 433819 | 1 | NAMEPLATE, ACCU IND. |
| 120 | 434361 | 1 | NAMEPLATE, SERIAL # |
| 121 | 433633 | 1 | BOLT, T SLOT |
| 122 | 433777 | 1 | HOLDER, BORING BAR |
| 123 | 4B4280 | 1 | WASHER |
| 124 | 433617 | 1 | NUT, HEAVY HEX. |
| 125 | 433778 | 1 | BORING BAR |
| 126 | 433780 | 2 | SCREW, SET |
| 127 | 433763 | 1 | HOLDER, TOOL BIT |
| 128 | 433771 | 1 | SCREW, SET |
| 129 | 433717 | 3 | CARBIDE BIT & SCREW |
| 130 | 434009 | 1 | CAP PLUG |
| 131 | 433974 | 4 | SCREW, SET |
| 132 | 434199 | 1 | WAY WIPER ASSY. CTR. |
| 133 | 434378 | 1 | PATENT NUMBER PLATE |
| 135 | 436266 | 1 | FAN |
| 137 | 434700 | 4 | NUT, HEX |
| 138 | 433994 | 5 oz. | GREASE |
| 139 | 434800 | 1 | PLUG, PUSH IN |
| 170 | 434320 | 1 | DOVE TAIL, CTR.EXT. |
| 171 | 434321 | 2 | SCREW |
| 172 | 434322 | 1 | SWITCH, ACTIV. DOVE TAIL |



**PANZITTA SALES & SERVICE**
**72 George Avenue**
**Wilkes-Barre, PA 18705**
**570-822-6720 800-822-6720**
**www.panzittasales.com**

| | | | | | |
|---|---|---|---|---|---|
| 173 | ---------- | 434323 | ---------- | 2 | --------- PIN, SPRING |
| 174 | ---------- | 434317 | ---------- | 1 | --------- TEL.WAY ASSY. |
| 175 | ---------- | 434732 | ---------- | 1 | --------- WIRE ELECTRICAL |
| 176 | ---------- | 417555 | ---------- | 1 | --------- SCREW |
| 177 | ---------- | 434383 | ---------- | 1 | --------- PLUG,BORE |
| 178 | ---------- | 434579 | ---------- | 1 | --------- SHREAVE |
| 179 | ---------- | 433625 | ---------- | 2 | --------- SET COLLAR |
| 180 | ---------- | 434581 | ---------- | 1 | --------- TENSION BAR |
| 181 | ---------- | 413294 | ---------- | 2 | --------- WASHER |
| 182 | ---------- | 434582 | ---------- | 1 | --------- SPRING SELECTOR |
| 183 | ---------- | 421427 | ---------- | 1 | --------- NUT, LOCK |
| 184 | ---------- | 434733 | ---------- | 1 | --------- CONDUIT, FLEX. DRUM WAY |

**PANZITTA SALES & SERVICE**
**72 George Avenue**
**Wilkes-Barre, PA 18705**
**570-822-6720 800-822-6720**
**www.panzittasales.com**

## 433750 TWIN CUTTER ASSEMBLY
## PARTS LIST

| ITEM # | PART # | QTY. REQ'D. | DESCRIPTION |
|---|---|---|---|
| 300 | 433752 | 1 | BASE, ROTOR-TRUER |
| 301 | 433753 | 1 | BASE, CUTTER TEN. BAR |
| 302 | 433754 | 1 | BASE, ROTOR-TRUER PTR. |
| 303 | 433755 | 1 | TOOL HOLDER, R.H. |
| 304 | 433756 | 1 | TOOL HOLDER, L.H. |
| 305 | 433757 | 1 | CUTTER TENSION BAR |
| 306 | 433758 | 1 | POINTER, ROTOR-TRUER |
| 307 | 433759 | 1 | ADJUSTING WHEEL ROTOR-TRUER |
| 308 | 433760 | 2 | ADJUSTMENT SCREW |
| 309 | 433761 | 2 | CALIB. WHEEL R.T. |
| 311 | 433763 | 1 | TOOL BIT HOLDER R.H. |
| 312 | 433764 | 1 | TOOL BIT HOLDER L.H. |
| 314 | 433765 | 2 | SCREW, SHOULDER |
| 315 | 420212 | 1 | SCREW |
| 316 | 420211 | 1 | SCREW |
| 317 | 433766 | 2 | SCREW |
| 318 | 433767 | 2 | SCREW, THUMB |
| 319 | 433768 | 2 | WASHER, WAVE |
| 320 | 420772 | 2 | SCREW, DRIVE |
| 321 | 433770 | 1 | SPRING, ROTOR-TRUER |
| 322 | 433771 | 2 | SCREW, SET |
| 323 | 434738 | 2 | SPRING, BELVILLE |
| 325 | 4B9806 | 4 | SCREW, SET |
| 326 | 433773 | 4 | BALL, NYLON |
| 307 | 436272 | 1 | EXTENDED KNOB |

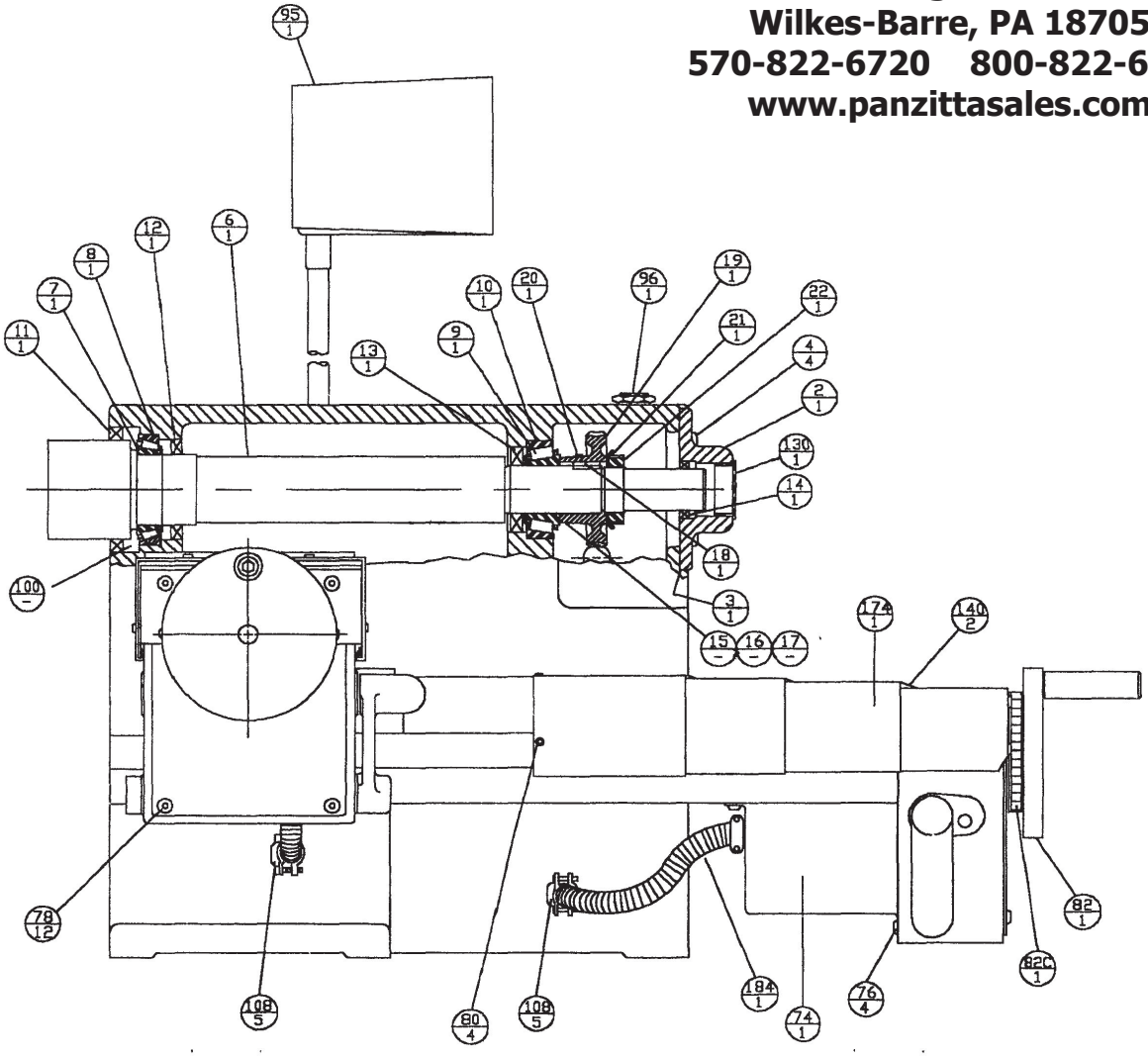
**PANZITTA SALES & SERVICE**
**72 George Avenue**
**Wilkes-Barre, PA 18705**
**570-822-6720 800-822-6720**
**www.panzittasales.com**

**STANDARD ACCESSORIES**

| ITEM # | PARTS # | QTY. REQ'D. | DESCRIPTION |
|---|---|---|---|
| 200 | 433702 | 1 | BAR, DRAW |
| 201 | 4B4280 | 2 | WASHER |
| 202 | 433617 | 2 | NUT, HEAVY HEX. |
| 203 | 433703 | 2 | PLATE, FACE 1 |
| 204 | 433704 | 2 | PLATE, FACE 2 |
| 205 | 433705 | 1 | CENTERING CONE,DRUM #1 |
| 206 | 433706 | 1 | CENTERING CONE,DRUM #2 |
| 207 | 433707 | 1 | CENTERING CONE, DRUM #3 |
| 208 | 433708 | 1 | ADAPTER #1 |
| 209 | 433709 | 1 | ADAPTER #2 |
| 210 | 433710 | 1 | ADAPTER #3 |
| 211 | 433711 | 1 | ADAPTER #4 |
| 212 | 433617 | 1 | NUT, HEAVY, HEX. |
| 213 | 433712 | 1 | SPACER, ARBOR |
| 214 | 433715 | 1 | WASHER, ASSY. SELF ALIGNING |
| 215 | 433713 | 1 | NUT, HEX. |
| 216 | 433774 | 1 | SPACER |
| 217 | 433716 | 1 | SPRING, ARBOR |
| 218 | 433782 | 1 | SILENCER, DRUM |
| 219 | 433785 | 1 | SILENCER, LG. VENTED ROTOR |
| 220 | 433789 | 1 | SILENCER, SMALL NON-VENTED ROTOR |
| 221 | 436410 | 1 | WRENCH, 1 1/2 BOX END |
| 222 | 433963 | 1 | ADAPTER #5 |
| 223 | 434558 | 1 | WRENCH |
| 224 | 434559 | 1 | WRENCH |
| | 433750 | 1 | RT GROUP W/TOOL HOLDERS |

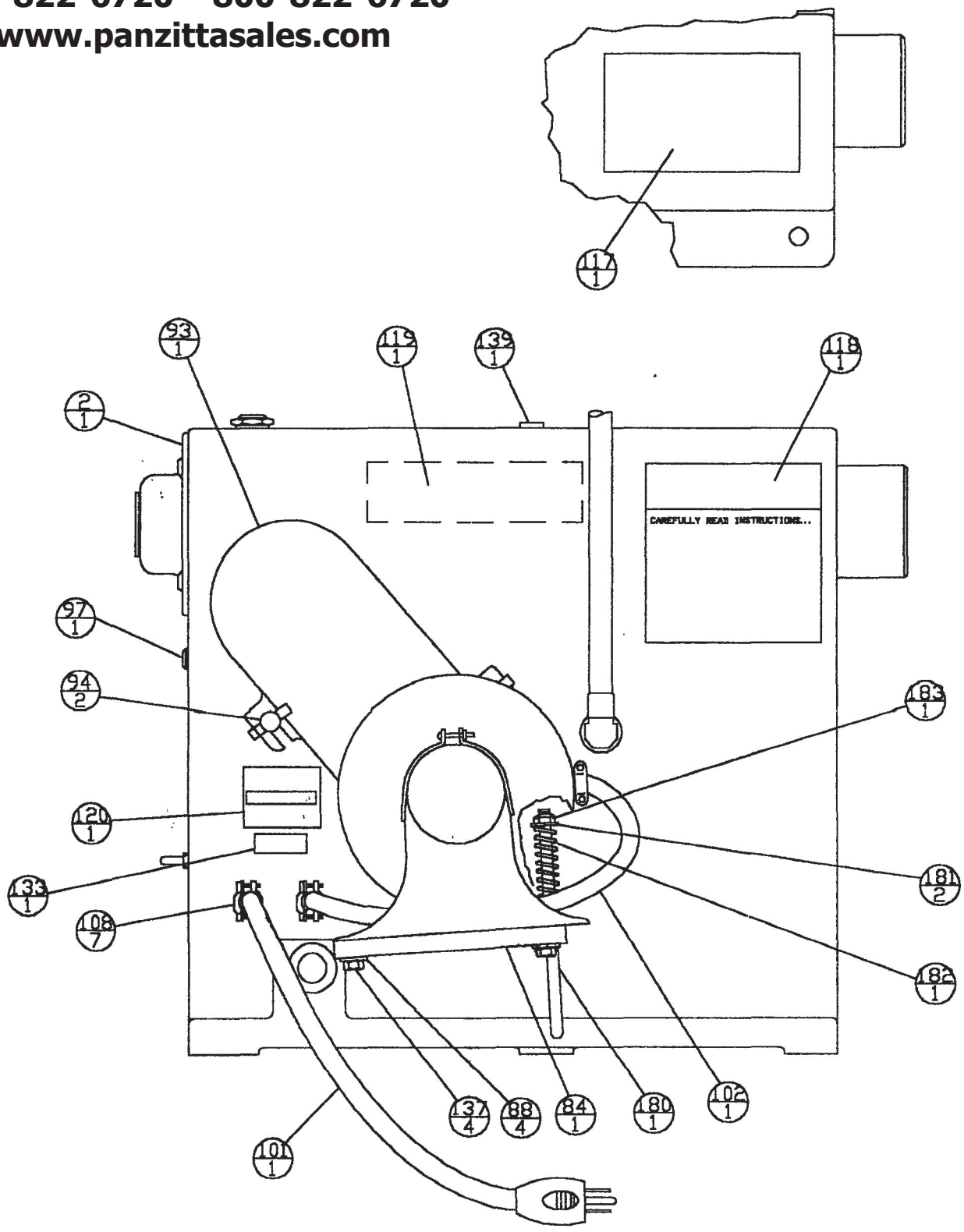
**PANZITTA SALES & SERVICE**
**72 George Avenue**
**Wilkes-Barre, PA 18705**
**570-822-6720 800-822-6720**
**www.panzittasales.com**

**PANZITTA SALES & SERVICE**
**72 George Avenue**
**Wilkes-Barre, PA 18705**
**570-822-6720 800-822-6720**
**www.panzittasales.com**



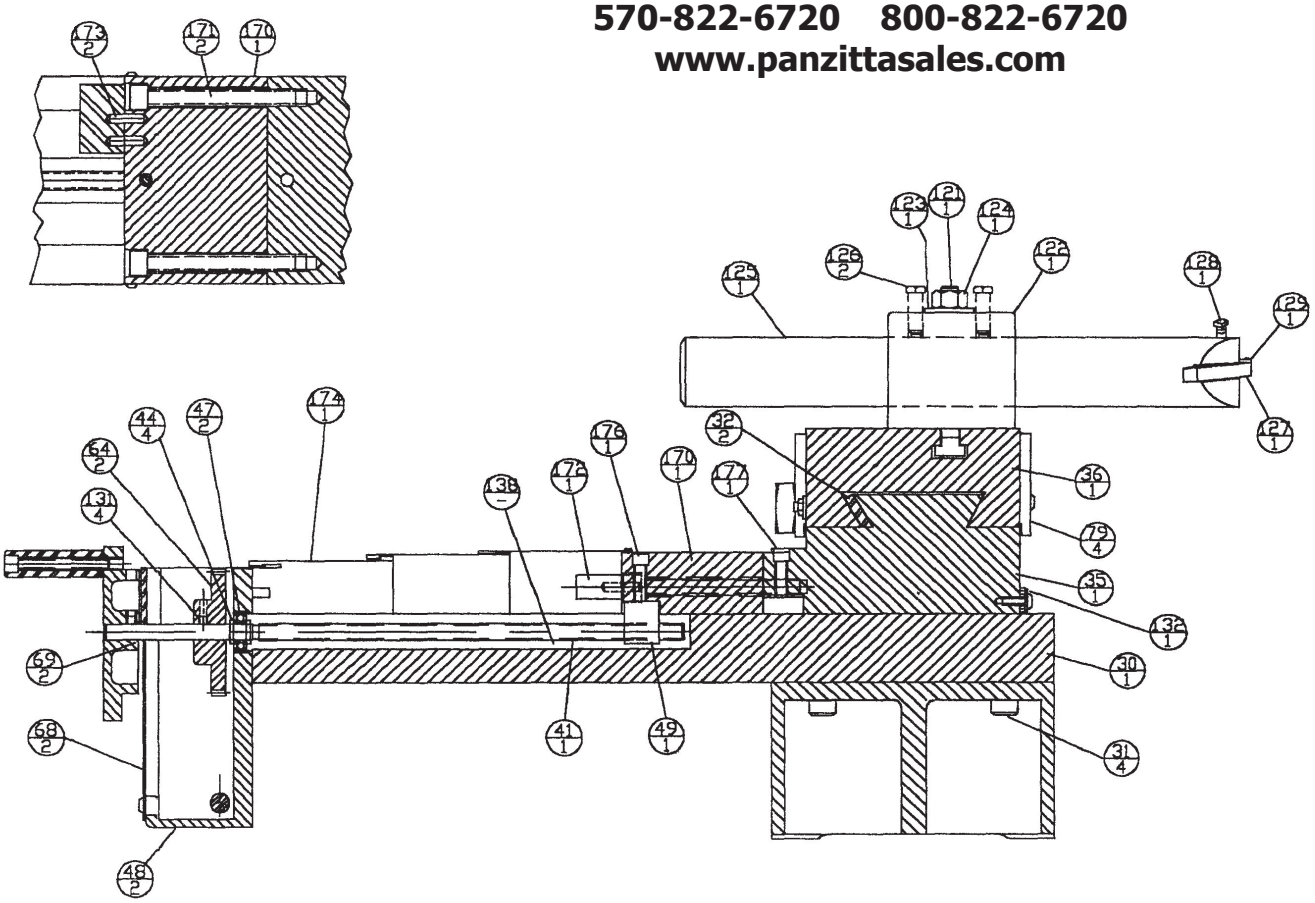

8989-1

**PANZITTA SALES & SERVICE**
**72 George Avenue**
**Wilkes-Barre, PA 18705**
**570-822-6720 800-822-6720**
**www.panzittasales.com**

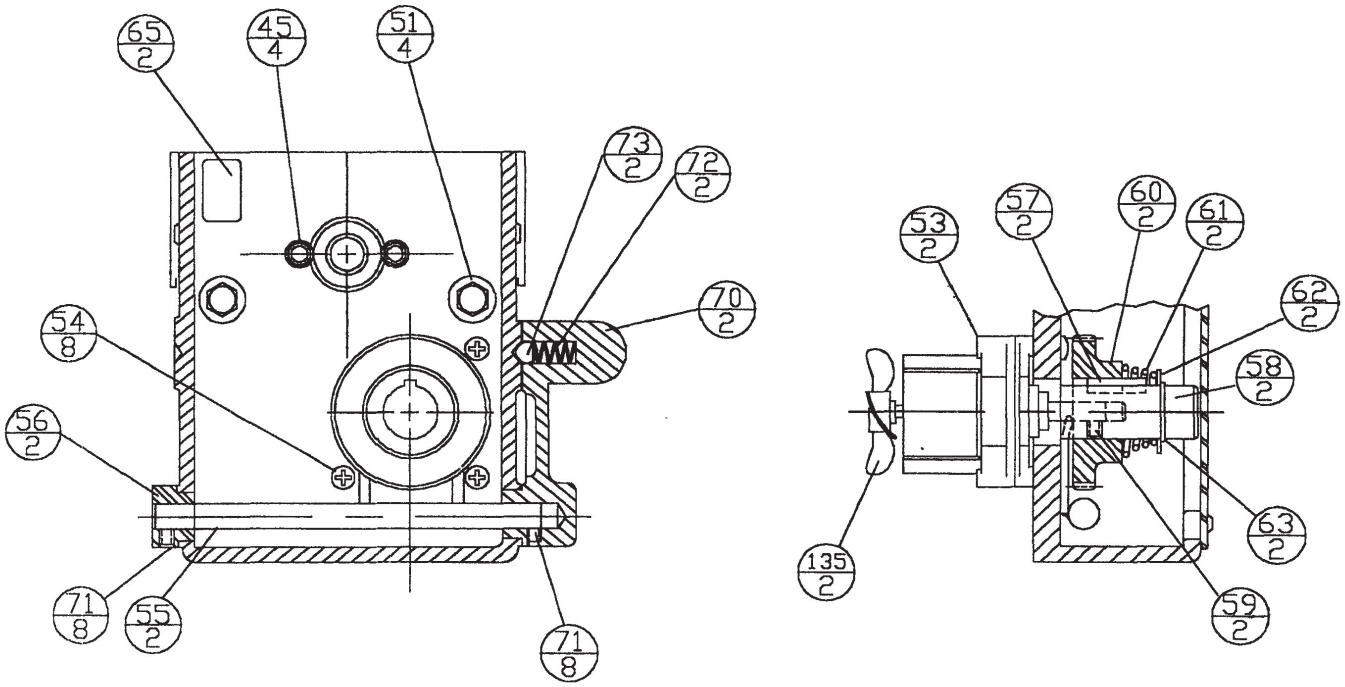



VIEW C-C

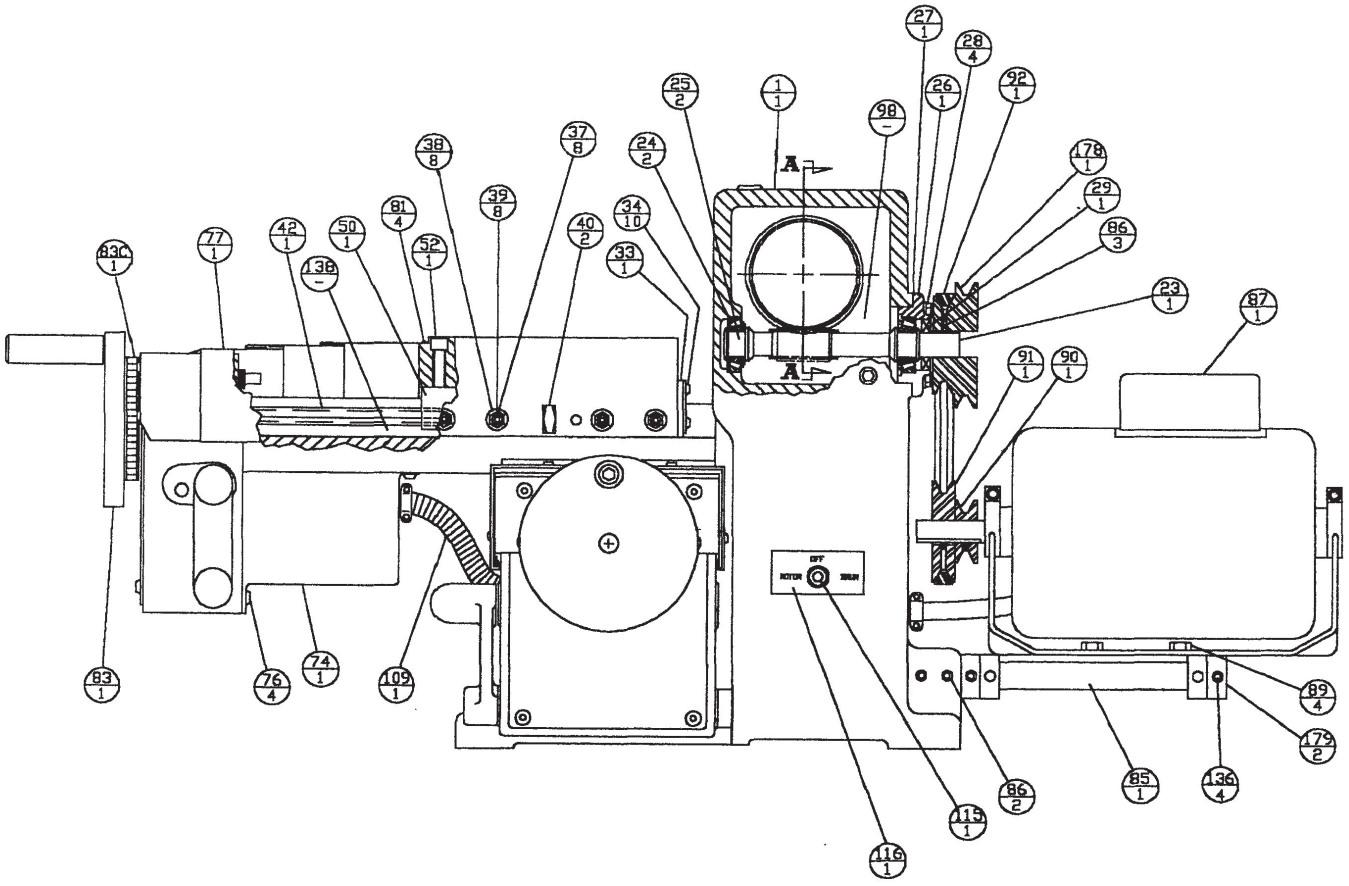
**PANZITTA SALES & SERVICE**
**72 George Avenue**
**Wilkes-Barre, PA 18705**
**570-822-6720  800-822-6720**
**www.panzittasales.com**



**PANZITTA SALES & SERVICE**
**72 George Avenue**
**Wilkes-Barre, PA 18705**
**570-822-6720 800-822-6720**
**www.panzittasales.com**

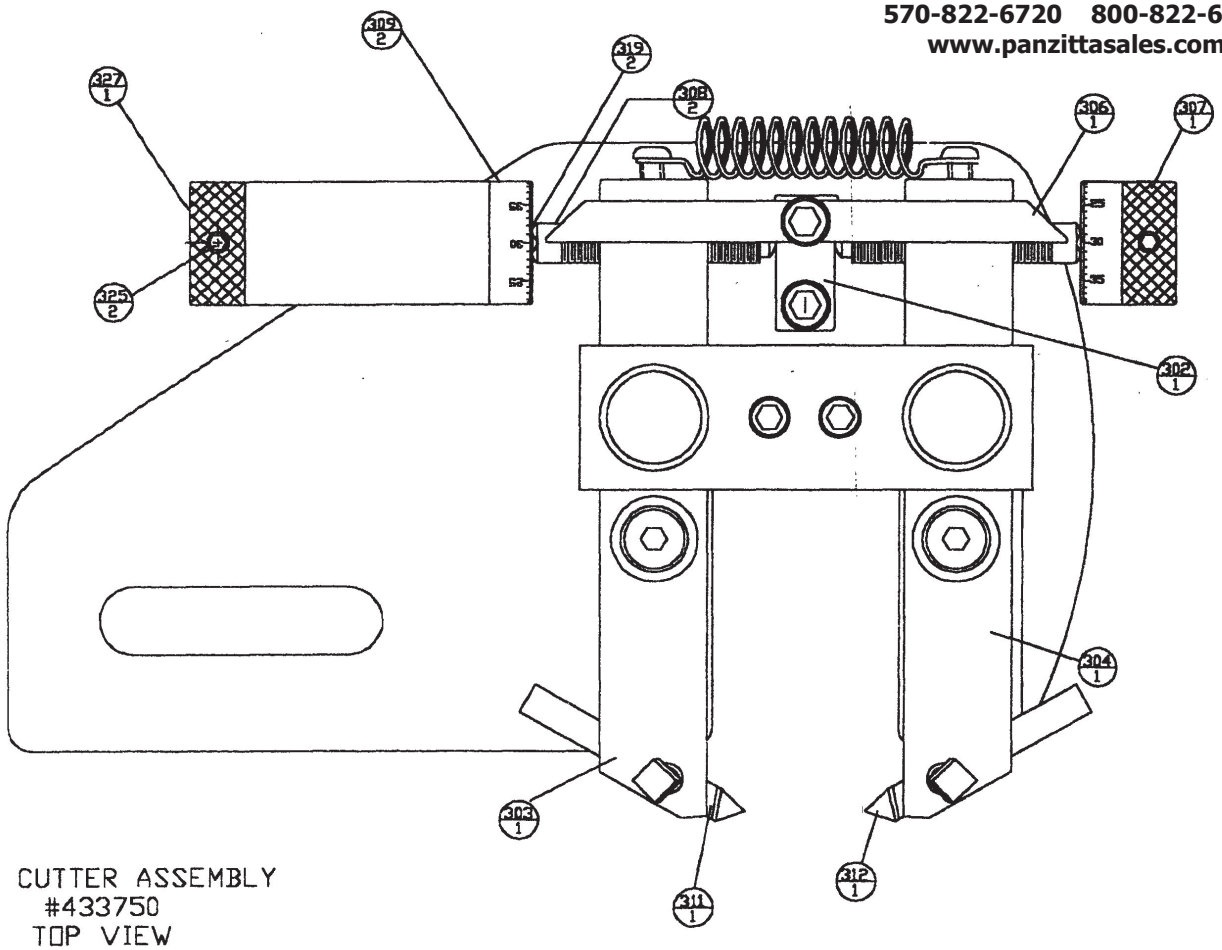


**PANZITTA SALES & SERVICE**
**72 George Avenue**
**Wilkes-Barre, PA 18705**
**570-822-6720 800-822-6720**
**www.panzittasales.com**




8989-2

**PANZITTA SALES & SERVICE**
**72 George Avenue**
**Wilkes-Barre, PA 18705**
**570-822-6720 800-822-6720**
**www.panzittasales.com**

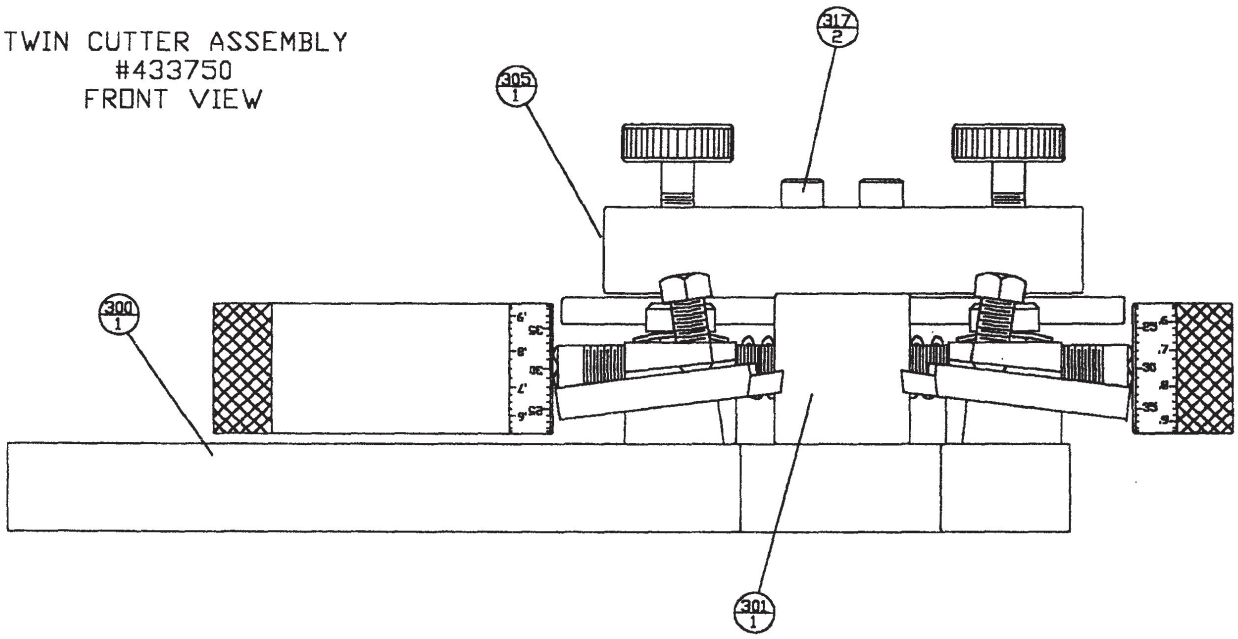



TWIN CUTTER ASSEMBLY
#433750
TOP VIEW

433750-1

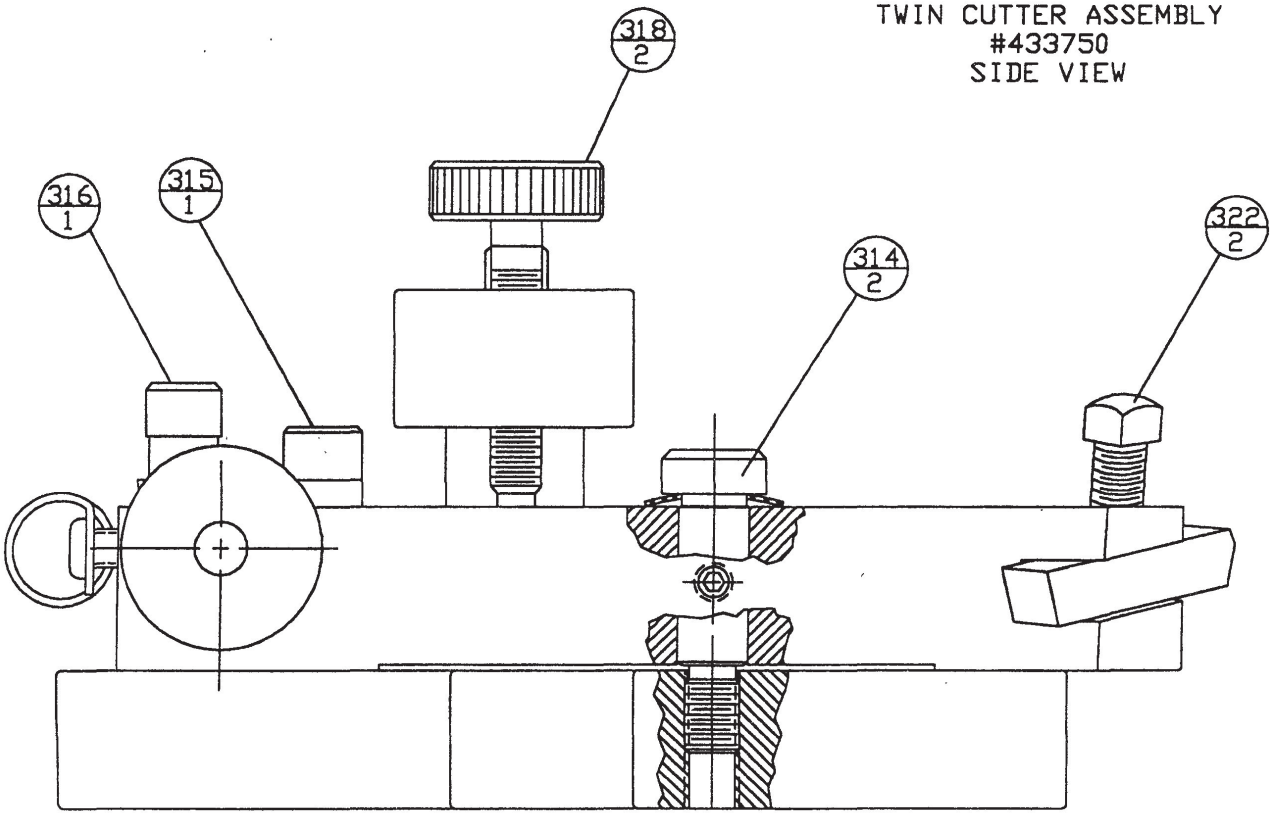
**PANZITTA SALES & SERVICE**
**72 George Avenue**
**Wilkes-Barre, PA 18705**
**570-822-6720 800-822-6720**
**www.panzittasales.com**

TWIN CUTTER ASSEMBLY
#433750
FRONT VIEW



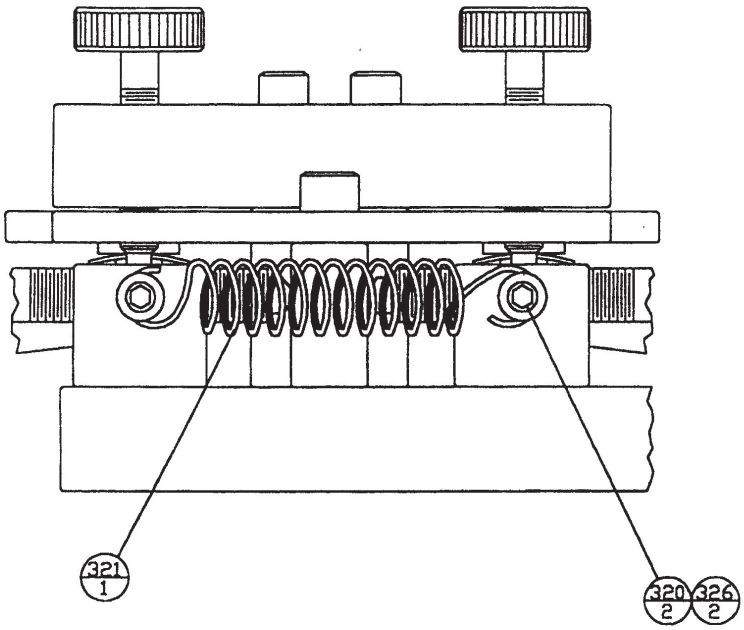
**PANZITTA SALES & SERVICE**
**72 George Avenue**
**Wilkes-Barre, PA 18705**
**570-822-6720 800-822-6720**
**www.panzittasales.com**

TWIN CUTTER ASSEMBLY
#433750
SIDE VIEW

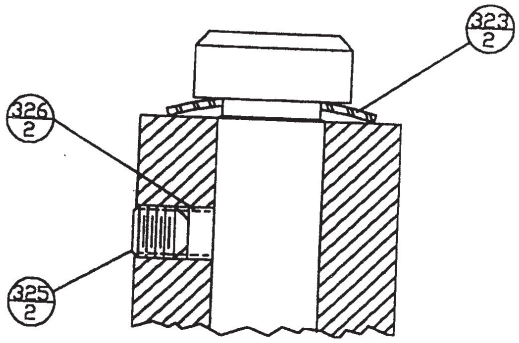



433750-3

**PANZITTA SALES & SERVICE**
**72 George Avenue**
**Wilkes-Barre, PA 18705**
**570-822-6720 800-822-6720**
**www.panzittasales.com**

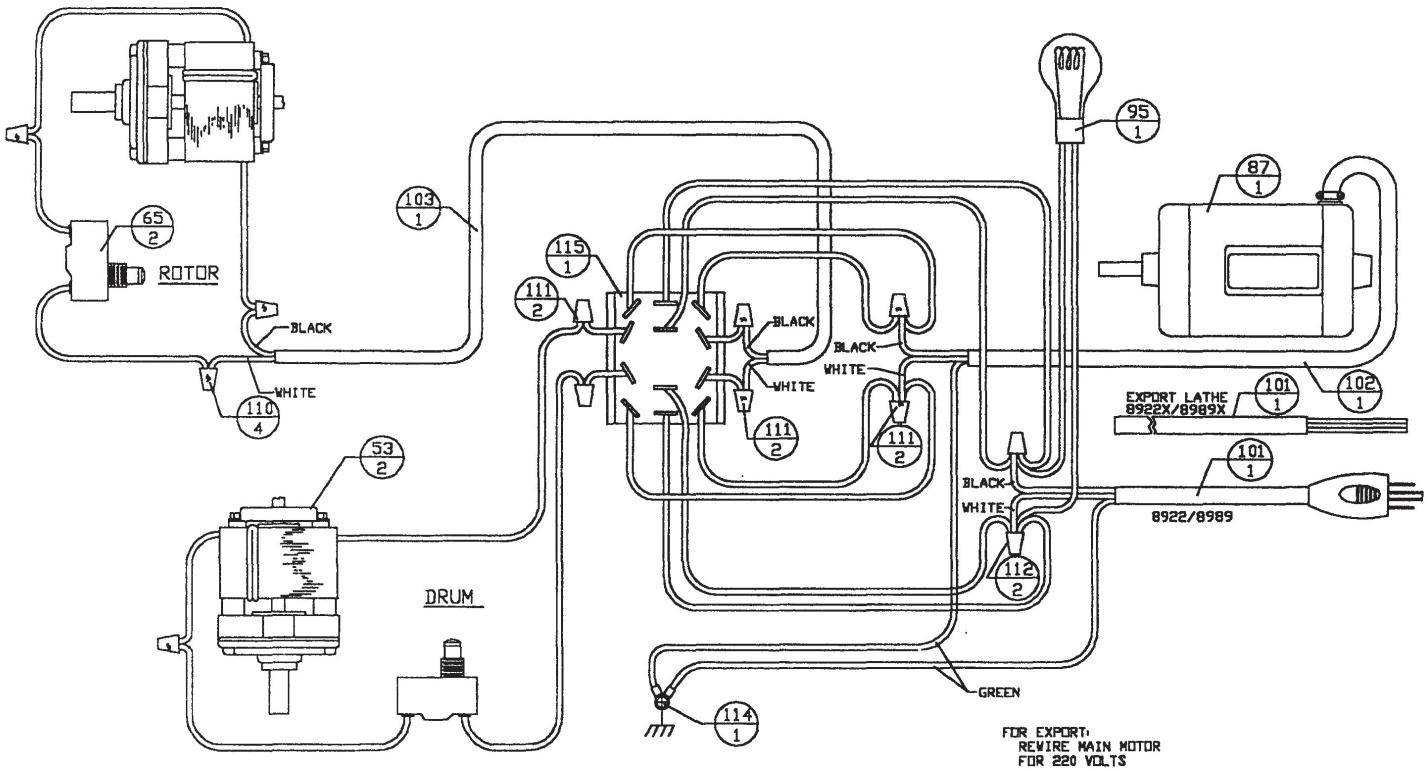



TWIN CUTTER ASSEMBLY
#433750
REAR VIEW




TOOL BAR PIVOT BOLT

**PANZITTA SALES & SERVICE**
**72 George Avenue**
**Wilkes-Barre, PA 18705**
**570-822-6720 800-822-6720**
**www.panzittasales.com**






8989-W