

## **FREQUENTLY ORDERED PARTS**

### **KING COBRA/ KC ULTRA SIGNODE Model 8150**

#### **FRAME**

- 45-08041-005 Photoeye. Photoeye on safety gate
- 45-08006-003 Reflector. 3" round reflector used with above photoeye
- 40-32523-001 Filter, regulator, lubricator. Compressed air supply to machine feeds through this unit

#### **MAINFRAME ( Upper structure)**

- 50-20001-001 Motor, ¾ HP, 180VDC, 1725RPM. Motor that drives arm around
- 08-01773-001 Gear reducer. Rotational gearbox, drives arm around
- 05-00138-207 Collector ring assembly. Sliding electrical contacts, allows power past point of rotation ( 18 wires)
- 50-35026-001 Collector ring brush. A sliding electrical contact, allows power to travel past point of rotation
- 40-81012-002 Timing belt. Belt that loops from drive motor, around the pulley on gearbox shaft
- 40-82029-001 Brake. Brake that stops and holds rotor arm

#### **ROTOR ARM**

- 45-08041-005 Photoeye A-B 42GRU-9202 120VAC/DC. For rotational safety emergency stop
- 40-89000-048 Sprocket 12 Tooth x 5/8" bore. Lifts stretch head up/down
- 50-80012-012 Gearmotor assembly. Motor, brake and gearing all in one unit, powers lifting/lowering of prestretch

## **DOWNRIGHT**

12-00110-003 Safety hoop, red plastic. Flexible hoop, contact with this triggers E- stop

03-01398-201 Idler sprocket assy. Idler sprocket with bearings, tensions the downright chain

45-08006-003 Reflector. 3" round reflector, reflects beam from rotational safety photoeye

## **PRESTRETCH**

03-01532-205 Spiroid assembly PS1 ¾ HP. Entire film drive assembly (motor, Spiroid gearbox, brakeband, housing)

50- 20091-005 Motor ¾ HP 1725 RPM 115/230VAC. Motor only for Spiroid assembly

40-87642-001 Gearbox Spiroid. Gearbox only for Spiroid assembly

50-20000-005 Motor, ¾ HP 90VDC. Motor for use with strain gauge equipped units

40-87716-001 Gearbox 5:1. Gearbox for use with strain gauge equipped prestretch unit

85-02016-001 Strain Gauge. Sensors that trigger film feed

50-17075-001 AB-4 Board. Film feed power supply for strain gauge equipped units

03-01094-215 Stretch roller assembly 3.5" O.D. easy thread. Large diameter stretch roller with 2" extended upper shaft for easy threading (1996 & later)

03-01093-214 Stretch roller assembly 2.5" O.D. easy thread. Small diameter stretch roller with 2" extended upper shaft for easy threading (1996 & later)

03-01094-201 Stretch roller assembly 3.5" O.D. Large diameter stretch roller ( non-easy thread, for pre 1996 units)

03-01093-201 Stretch roller assembly 2.5" O.D. Small diameter stretch roller ( non-easy thread, for pre 1996 units)

12-00050-006 Disc, film roll support. Plastic disc the film roll rests on

12-00062-002 Guide downright. Plastic bearing surface between the prestretch and downright

40-27068-005 Shoulder bolt. Holds 12 tooth idler sprocket in place on prestretch roller chain drive

45-08041-020 Photoeye, diffuse A-B 42GRP 9042. Senses height of load

50-60063-001 A-B limit switch 802T-NPTP. Stops prestretch up/down motion at top and bottom of downright

50-68039-001 Limit switch arm. Arm that attaches to above switch

03-01087-219 Idler roller assembly 1.25" x 33" long. Last roller the film touches before feeding out to the load

03- 01087-220 Idler roller assembly 1.25" x 32" long. First roller the film touches after unwinding from the film roll

40-61014-201 Hinge support kit. Locks the top film holder plate in place

08-03136-001 Screw, modified. Holds bottom of prestretch roller in place

50-69047-002 Analog proximity switch. Film feed sensor for analog prox equipped units

40-02039-001 Bearing, flange, 3-bolt ¾". Bearing that holds the top shaft of the stretch rollers

**HEAT SEAL ( cuts, clamps & seals roped film)**

40-70031-002 Compression spring. Allows black heater block to move freely when pressed between ropes

08-01615-001 Plate phenolic, heat seal. Non-metallic plate the heater block mounts to

08-01616-001 Block heat seal. Black heater block that heats the film ropes for welding

08-01619-001 Guide UHMW heat seal. White plastic rails the phenolic plate slides through

23-00072-201 Harness heat seal. The thermocouple ( temp. sensor) wire mounted to the side of the black heater block

08-02342-201 Shoulder bolt. Holds heater block onto phenolic plate

40-47012-001 Heater cartridge 3/8" x 2" long. Heater cylinder that mounts inside the black heater block

05-00246-201 Kit heater block, heat seal. Assembled kit encompassing all parts listed above in HEAT SEAL section

08-017630001 Wire heat seal. Formed metal ribbon that cuts through the film rope

12-000540001 Block, wire holder, heatseal. Non- metallic block that holds above wire.

50-05478-001 Connector, splicer, 2 way. Wire lug used on above holder block

08-01656-001 Cam, roller guide. Part that contacts the bearing and closes the heat seal holding jaw

50-10605-001 Controller temp. 120VAC 0-399. Electronic temperature controller where heater set temperature is set

40-01265-002 Air cylinder. Cylinders that rotate the anvil and the press to up position

40-01275-001 Air cylinder. Block cylinder that moves press in/out

40-01264-001 Air cylinder. Cylinder that raises/lowers the heater block

40-01265-001 Air cylinder. Cylinder that opens/closes the film clamp

### **CUT CLAMP BRUSH SYSTEM**

40-47007-002 Rod heater, 20" film. Long black rod that cuts through film before film is brushed down to load

08-00855-002 Holder insulator, cal rod. White Teflon block the cutter rod is hose clamped to

### **CONTROL BOX**

50-12025-099 Backlight for Panelview 550 terminal

50-17066-004 Motor control board. Power supply/ speed control to power rotational motor and elevator motor

50-45000-001 Bridge rectifier. Converts AC voltage to DC voltage for use with rotor arm holding brake