

FREQUENTLY ORDERED PARTS

COBRA XL SIGNODE Model 2100 series

MAINFRAME

- 50-20000-005 Motor $\frac{3}{4}$ HP 90VDC 1725 RPM. Rotates rotor arm round and round
- 40-82048-001 Brake 5" shaft mount. Stops and holds rotor arm in place
- 40-81012-001 Belt, timing 322L075. Loops around rotational drive motor and rotational gearbox shaft
- 50-69022-001 Proximity switch. Senses home position of arm, and counts revolutions of rotor arm

50-32026-001 Collector ring brush. Sliding electrical contact, allows power to travel past point of rotation

50-32024-002 Entire collector ring assembly 14 ring. Allows power to travel past point of rotation (14 wires)

40-87636-001 Gearbox Dodge 325A. Drives rotor arm round and round

ROTOR ARM

- 45-08041-021 Photoeye A-B 42GRU-9202 120VAC/DC. For rotational safety emergency stop
- 40-89000-048 Sprocket 12 Tooth x $\frac{5}{8}$ " bore. Lifts stretch head up/down
- 50-18012-012 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

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
- 03-01094-212 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 3/4". Bearing that holds the top shaft of the stretch rollers

CONTROLL BOX

- 50-17066-003 Motor controller MMRG30U-0571. Motor control board for both rotation and elevator function
- 50-12012-001 Keypad. Operator control pushbutton pad, for machines with cut, clamp & brush functions.
- 50-12012-002 Keypad. Operator control pushbutton pad, for conveyORIZED and conveyor ready machines with roping heatseal
- 30-00006-201 Micro controller. Circuit board that handles all machine input/output control other than cut/seal functions

30-00005-201 Micro controller. Circuit board that handles input/output control cut/seal functions

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

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