

MANIFOLD AIR SUPPLY
 3/8" OR 10MM OD LINE
 MINIMUM (FROM FILTERED
 MACHINE SOURCE)

80 PSI
 (55 MPa)

NOTE: MINIMUM AIRLINE ID
 REQUIREMENTS
 5/32, 4MM OD = 3/32, 2.4MM ID
 1/4, 6MM OD = 1/8, 4MM ID
 3/8, 10MM OD = 1/4, 6.5MM ID

INFRASTAKE
 AIR MANIFOLD
 NOTE: MANIFOLD SHOULD BE
 MOUNTED AS CLOSE AS
 REASONABLY POSSIBLE TO
 THE INFRA MODULES TO
 MINIMIZE AIR PRESSURE DROP

PUNCH CYLINDER EXTEND
 PUNCH CYLINDER RETRACT

COOLING AIR

FREE FLOW
 COOLING AIR
 FLOW CONTROL

ADJUST FLOW CONTROLS
 TO BALANCE FLOW RATES
 BETWEEN MODULES

COALESCING FILTER
 0.01 MICRON ELEMENT

1/4" OR 6MM OD TUBING

3/8" OR 10MM OD TUBING

1/4" OR 6MM OD TUBING

SMC SHUTTLE VALVE

HIGH FLOW COOLING
 AIR RATE IS
 TYPICALLY 72
 SCFH PER MODULE

REGULATOR FOR LOW
 FLOW COOLING AIR
 ADJUST PRESSURE TO
 ACHIEVE APPROPRIATE
 FLOW RATE PER MODULE

NO REGULATOR
 (FULL LINE
 PRESSURE)

DUAL FLOW COOLING
 AIR KIT

COMPONENTS BELOW THIS
 DASHED LINE ARE TYPICALLY
 NOT SUPPLIED BY EXTOL

VALVE MANIFOLD

2-POSITION, SINGLE SOLENOID
 SPRING RETURN VALVE

3-POSITION, DOUBLE SOLENOID
 OPEN CENTER VALVE

