

ISSUE DATE: 30-Aug-13
DUE DATE: 16-Apr-14
SHIPPED DATE: 31-Jul-14
S.O.P. NUMBER: 234980
M.O. NUMBER: 265644
CUSTOMER: GOODMAN MANUFACTURING (HOUSTON, TX)
SERIAL NUMBER: CSE-M639-1050-1 EXPANDER
PAINT COLOR: MACHINE - TAN (OP4SW)
ELECTRICS - SAFETY ORANGE (RAL2009)
GUARDS - SAFETY YELLOW W/ BLACK MESH (OP128D)
POWER: 480 V, 3 PHASE, 60 Hz
CONTROL: 24VDC
MACHINE WEIGHT: 45,600 LBS.
OPTIONS: COMPACT SINGLE
STANDARD DUTY LIFT W/ FIXED ENCLOSURES
SELF-STORING BACK PLATE W/ POWERED HEIGHT ADJUSTMENT
1+1 COIL EXPANSION (BASIC)
AUTOMATIC COIL HEIGHT CONTROL
ROD SHORT-OUT SYSTEM (3 PLATES)
FINAL EXPANDER SUPPORT CYLINDER MECHANISM
QUICK CHANGE RECEIVER OPTION
COIL EJECTOR (PAIR)
HYDRAULIC SYSTEM COOLING (OIL TO **AIR**)
AIR CONDITIONING FOR ELECTRICAL ENCLOSURE
NON-STANDARD PAINT
COIL COLLAPSE DETECTOR
TUBE ENTRY GUIDE
FRONT PLATE SYNC
COIL CLAMPS (3 PLATES)
FULL LENGTH COIL GUIDES

CONTROLS: SIEMENS PLC & TOUCH SCREEN
SCREEN MEASUREMENT:
SCREEN LANGUAGE: ENGLISH

NUMBER OF MANUALS: 2
PATTERN #1: 7MM (.276") - 22MM (.866") x 19.05MM (.750") STAGGERED
2 ROWS, 51/50 HOLES PER ROW, (101) TOTAL

MAXIMUM NO. OF TUBES:	101
TUBING SPECIFICATIONS:	.014" GROOVED
MINIMUM COIL HEIGHT:	12"
MAXIMUM COIL HEIGHT:	120"
MAXIMUM FIN LENGTH:	50"
RAM CYLINDER SIZE:	6" BORE x 140" STROKE x 4" DIA. ROD
RAM CYLINDER SPEED:	50-40 FPM
OPERATING PRESSURE:	2,500 PSI
MAXIMUM SYSTEM FORCE:	35 TONS
HYDRAULIC RESERVOIR:	155 GALLONS MOUNTED TO BACK SIDE OF MACHINE
AIR REQUIREMENTS:	8 CFM @ 80 PSI
CONTROL PANEL LOCATION:	RIGHT HAND SIDE FACING MACHINE
PRE-SIZE CYLINDER SIZE:	3 1/4" BORE x 8" STROKE x 1 3/8 DIA. ROD
COIL ENCLOSURES:	BACKPLATES: (10) 5" STORED, (6) 8" STORED FRONT PLATES: (3) 8", (2) 10", (5) 12" FIXED
TABLE TYPE:	HYDRAULIC LIFT - (4" BORE x 18" STROKE x 2-1/2" DIA ROD)
EXPANDER ROD TYPE:	RING-LOK
FINAL EXPANDER PUSHER:	RING-LOK
FINAL EXPANDER TIP:	FLOATING PILOTED
BULLET TYPE:	TAPERED DONUT
HANGING WEIGHT:	14,300 LBS
EST STRIPPING FORCE:	10,100 LBS (100 LBS/TUBE)
REVISIONS:	VERSION 1 - INITIAL RELEASE VERSION 2 - CHANGED FROM WATER TO AIR COOLER VERSION 3 - TUBE WALL WAS .015" GROOVED`
MACHINE UPDATES:	10/2014 - SOP234980C, CHANGED TO SIDE MOUNT FRH SPACERS 11/2014 - TUBE WALL WAS .015" GROOVED, .2650 BULLET REQD, SOURCED BY GOODMAN