



## RAM ENDFORMING SYSTEMS



**UTE EF-104**

**UTE'S RAM STYLE ENDFORMING SYSTEMS** HAVE SET THE INDUSTRY STANDARD FOR FAST AND COST EFFICIENT MACHINES. BEING BUILT TO THE HIGHEST TECHNOLOGICAL LEVELS, OUR MACHINES INCLUDE SUCH OPTIONS AS FIBER OPTIC TOOL ALIGNMENT AND COLOR TOUCH SCREEN CONTROLS. ALWAYS PUTTING SAFETY AT THE FOREFRONT, ALL MACHINES ARE COMPLETELY GUARDED AND INCLUDE KEYED ENTRY TAMPERPROOF INTERLOCKS. UTE CAN ALSO AUTOMATE YOUR PROCESS TO INCLUDE LOADERS, HANDLERS AND UNLOADERS AS WELL AS GAUGING STATIONS. THE RESULT OF ALL THIS IS A SAFE, RUGGED, FLEXIBLE AND EASY TO OPERATE ENDFORMER WITH QUICK TOOLING CHANGE OVER. ALL UTE EQUIPMENT IS AMERICAN MADE WITH STANDARD COMPONENTS MAKING PART REPLACEMENT, IF NECESSARY, QUICK AND EASY.



**UTE EF-102**



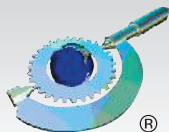
**MACHINE TOOLS FOR END FORMING**

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**423-282-0304**

**BUILDING QUALITY MACHINERY AND RELATIONSHIPS FOR OVER 25 YEARS**

# UTE



## RAM ENDFORMING SYSTEMS

### APPLICABLE ENDFORM EXAMPLES

- SINGLE/ DOUBLE FLARES
- CAPTURED/ BUBBLE/ STRAIGHT BEADS
- BELLED ENDS INCLUDING 3-STEP BELLS
- SADDLES
- REDUCTIONS
- EXPANSIONS

### STANDARD FEATURES

- ALL STEEL FRAME
- PLC-BASED NC UTE TOUCH SCREEN CONTROL
- JOG MODES FOR EASY SET-UP
- FOOT ACTUATED AUTO CYCLE
- STANDARD QUICK CHANGE TOOLING MOUNTS
- THK ROLLER TYPE FORM SLIDE
- ENCLOSED MACHINE GUARD W/ TAMPER PROOF LOCKS

### OPTIONAL FEATURES

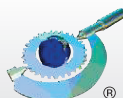
- LOADERS/ UNLOADERS INCLUDING ROBOTICS
- FIBER OPTIC TOOL ALIGNMENT
- EXTENDED STROKE – RAM AND CLAMP
- MATERIAL STAND
- LIGHT CURTAIN
- PART LUBRICATOR
- TOOLING ADAPTORS

### GENERAL SPECIFICATIONS

	EF-101	EF-102	EF-104	EF-202
CAPACITY: (IN.XWALL IN.)				
STEEL	.500x.058	.500x.058	1.00x.095	2.00x.125
STAIN. STEEL	.500x.065	.500x.065	1.00x.065	2.00x.095
COPPER	.500x.083	.500x.083	1.25x.125	2.25x.200
ALUM.	.500x.083	.500x.083	1.25x.125	2.25x.200
STRIKES	1	2	4	2
CYCLE TIME				
SINGLE STRIKE (SEC.)	1.8	1.8	2.5	2.8
CLAMP FORCE (TONS)	6	6	18	29
RAM FORCE (TONS)	3.5	3.5	12	18
DIMENSIONS (IN.)	35x32x44	35x32x44	48x31x67	48x31x67
WEIGHT (LBS.)	900	980	1,840	1,960

\*SPECIFICATIONS MAY CHANGE WITHOUT NOTICE / EXACT APPLICATIONS MAY CHANGE SPECIFICATION RATING

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