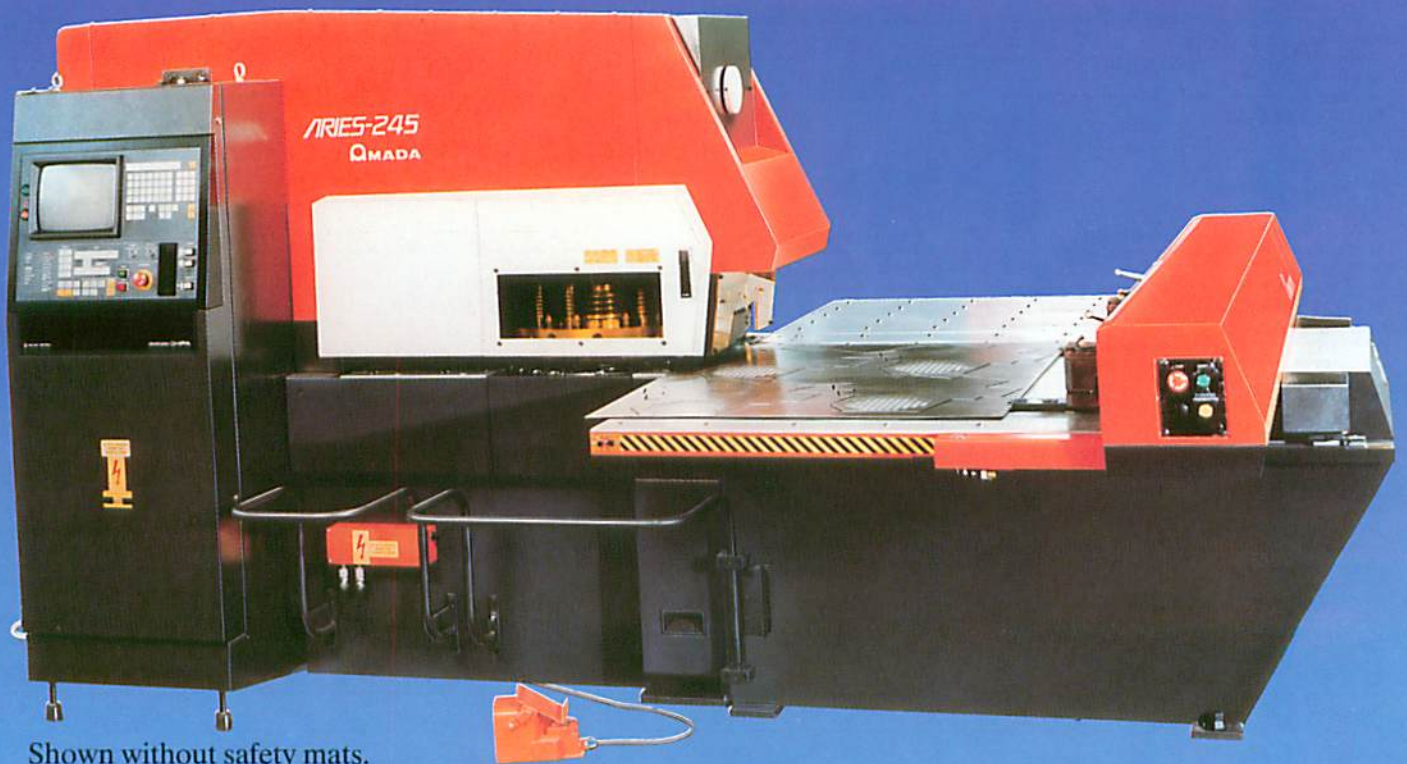
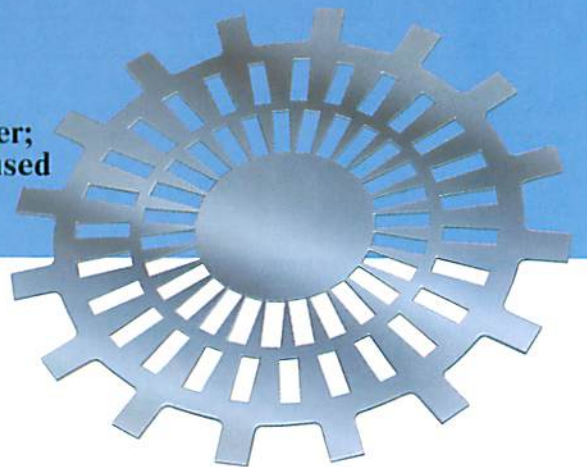


ARIES 245 UNBEATABLE AT THE PRICE



Shown without safety mats.

**Sample made with three tools: one 10 mm diameter;
one 10 × 30 mm rectangular; one 10 mm square used
for circumference micro-jointing.**



- Two auto-index stations—increased versatility, reduced tooling inventory
- Sheet size 2540×1000mm—30% larger than other machines in the same price range
- Double C-frame—for excellent product quality and longer tooling life
- CNC control—developed by Amada exclusively for sheet metalworking machines
- Conversational programming—quick and easy to program on machine for increased productivity
- Graphic verification enables you to eliminate programming errors prior to punching

 **AMADA**

**AMADA ARIES 245 19 STATION H TYPE (THICK) 3 AUTO-INDEXING UNITS
AMADAN 04PA CNC CONTROL
MACHINE SPECIFICATION**

MODEL	ARIES20-40-50	
FRAME CONSTRUCTION	DUAL ' C ' FRAME	
PRESS CAPACITY	20 TONS	
AXIS TRAVERSE DISTANCE	1000 mm x 1270 mm	
MAX. SHEET SIZE (WITH ONE REPOSITION)	1000 mm x 2540 mm	
MAX. MATERIAL THICKNESS	4 . 5 mm M.S.	
MIN. MATERIAL THICKNESS	0.8 mm M.S.	
MAX. MATERIAL WEIGHT	50 KG.	
MAX .HOLE DIA.	88.9 mm	
NUMBER OF STATIONS	19 STATIONS	
9 X 12.7mm	5 x 31.7mm	2 x 88.9mm
AUTO-INDEX STATIONS	2 x 31.7mm	1 x 50.8mm
AUTO-INDEXING SPECIFICATION		
ANGULAR MOVEMENT	INCREMENTS OF 0.01	
MIN. DIE CLEARANCE	0.15 mm	
MAX. MATERIAL THICKNESS	4.5 mm M.S.	
TOOL ROTATION SPEED	60 R.P.M.	
MA ANGULAR NIBBLING MOVEMENT @ 300 S.P.M.	8.0	
AXIS SPEED	40 M/MIN.	
STROKES PER MIN	300	
STROKES PER MIN (NIBBLING)	300	
HITS PER/MIN (ONE INCH INTERVALS)	180	
TURRET SPEED BI-DIRECTIONAL	20 R.P.M.	
POSITIONAL ACCURACY	+/- 0.10mm	
RAM STROKE LENGTH	32 mm	
AXIS DRIVE & TURRET DRIVE	AC SERVO-MOTOR	
PRESS MOTOR	3.7 kw	
POWER REQ.	11 K.V.A. 415V +10% - 15%= 50 HB	
AIR PRESSURE REQ.	5.0 kgf/cm²	
AIR SUPPLY	80 LITRE PER/MIN	
CLUTCH/BRAKE	HYDRAULIC COMBINATION	
CRANK SHAFT	ECCENTRIC	
MACHINE LENGTH	3784 mm	
MACHINE WIDTH	2700 mm	
MACHINE HEIGHT	1950 mm	
MACHINE WEIGHT	7500 kg	
0.4.P.A.SPECIFICATION		
AXIS	X , Y , C & T	
MODE	ABSOLUTE/INCREMENTAL	
MIN. INPUT	0.01 mm	
MAX. INPUT	999999.99 mm	
PREPARATORY FUNCTION	G - 2 DIGIT	
T FUNCTION	T - 3 DIGIT	
M FUNCTION	M - 2 DIGIT	
SINGLE BLOCK	YES	
BLOCK DELETE	YES	
OPTIONAL STOP	YES	
EDITING	YES	
MANUAL DATA INPUT	YES	
MEMORY CAPACITY	100M OF TAPE STORAGE (APP)	
MA NO OF PROGRAMS	128	
CRT DISPLAY	12" CRT	
MACHINE OPERATION	MEMORY	
PUNCH INTERFACE	RS 232	