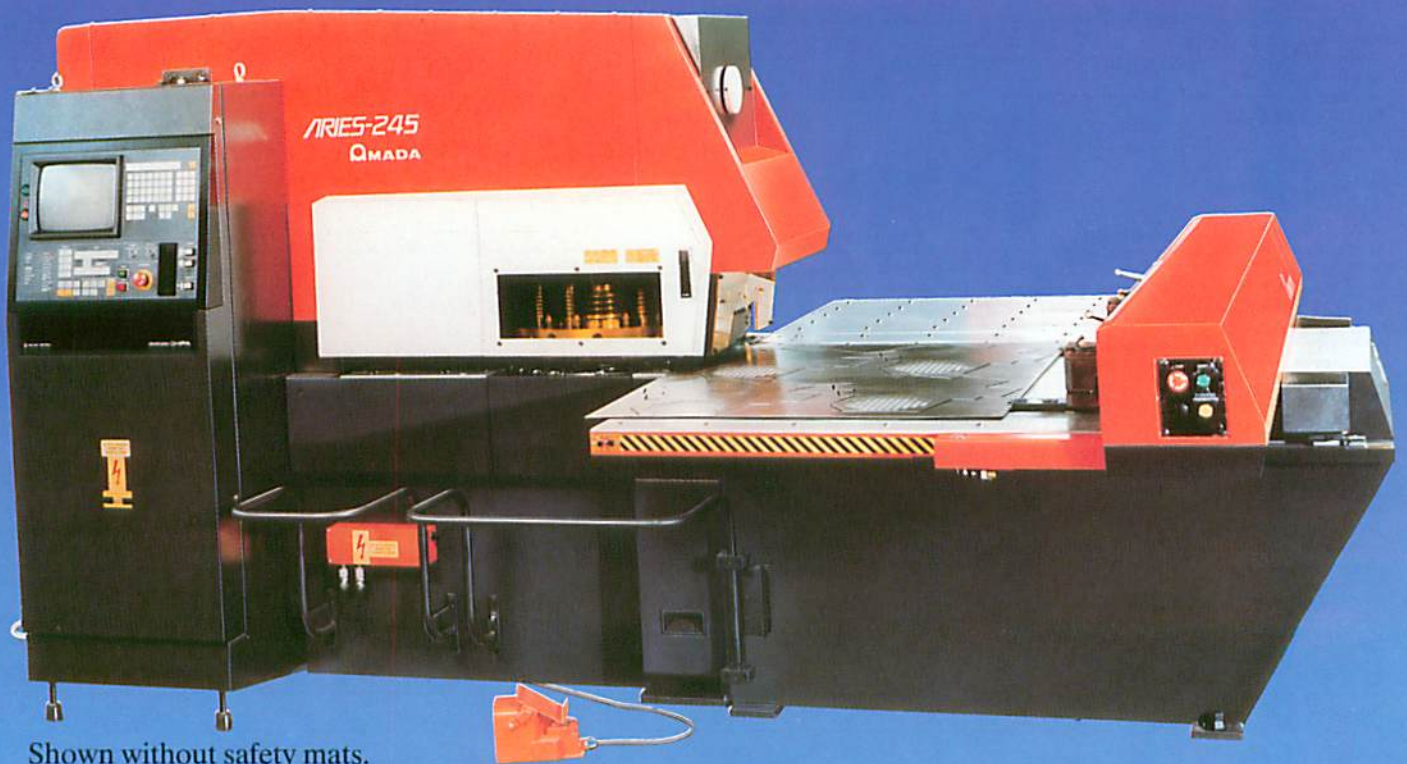
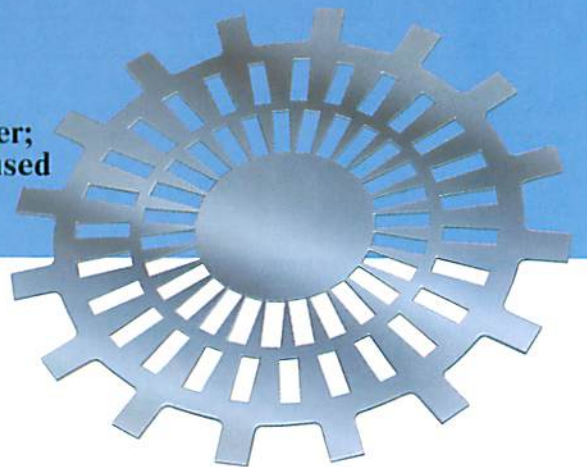


ARIES 245 UNBEATABLE AT THE PRICE



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 CNC TURRET PUNCH PRESS

MACHINE SPECIFICATION

Model	ARIES 20-40-50		
Frame Construction	Dual 'C' Frame		
Press Capacity	20 Tonnes		
Axis Traverse Distance	1000 mm × 1270 mm		
Workable Max. Sheet Size (with auto repositioning)	1000 mm × 2540 mm		
Max. Material Thickness	4.5 mm (0.187") Mild Steel		
Min. Material Thickness	0.8 mm Mild Steel		
Max. Hole Dia. Max. Material	35 mm Dia.		
Max. Material Weight	50 kg		
Max. Hole Dia.	88.9 mm		
Number of Stations	20 Stations		18 Stations
	9 × 1/2"		—
Auto Index	6 × 1 1/4"	Auto Index	14 × 1 1/4"
	1 × 2"		—
Auto Index	2 × 3 1/2"	Auto Index	2 × 3 1/2"
	2 × 1 1/4"		2 × 1 1/4"
Axis Speed	40 M/min.		
Strokes per Minute	300		
Hits per Minute (1" intervals)	180 h.p.m.		
Nibbling Hits per Minute	300 s.p.m.		
Turret Speed bi-directional	20 r.p.m.		
Position Accuracy (incl. one reposition)	± 0.10 mm		
Ram Stroke Length	32 mm (1 1/4")		
Axis Drive	DC Servo Motor		
Turret Drive	DC Servo Motor		
Press Motor	3.7 kW		
Electric Power required	11 kVA 415 V ± 10%-15% = 50 HB		
Air Pressure required	5.0 kg/cm ²		
Air Supply	80 L/min		
Clutch	Hydraulic Combination		
Brake	Hydraulic Combination		
Crank Shaft	Eccentric Shaft		
Machine Length	3784 mm		
Machine Width	2700 mm		
Machine Height	1950 mm		
Machine Weight	7500 kg		

N.C. SPECIFICATION

Model of NC	AMADAN 04PA
Axis	X, Y, C, and T
Programming mode	Absolute/Incremental
Min. input	0.01 mm
Max. input	999999.99 mm
Preparatory	G – 2 digit
T function	T – 2 digit
M function	M – 2 digit
Home Position	Automatic or Manual
Single Block	Yes
Block Delete	Yes
Optional Stop	Yes
Editing	Yes
Manual Data Input	Yes
Memory Capacity	Approx. 100 M of Tape Storage
Max. Programme Storage	128 Programmes
Display	12" CRT
Machine Operation	Memory
Punch Interface	RS 232 C

AUTO INDEX SPECIFICATION

Auto-Index allows independent rotation of 1 1/4" Punch and Die	
No. of Auto-Index Stations	2
Max. size	1 1/4"
Angular Movement	Increments of 0.01°
Min. Die clearance	0.15 mm
Max. Material Thickness:—	
20 Station H Type	4.5 mm Mild Steel
18 Station L Type	3.2 mm Mild Steel
Min. Material Thickness	0.8 mm Mild Steel
Tool Rotation Speed	60 rpm
Max. Angular Nibbling Movement at 300 S.P.M.	8.0°

Amada UK reserve the right to alter the above specification without prior notification.

AMADA
Amada United Kingdom Limited

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