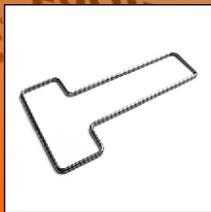
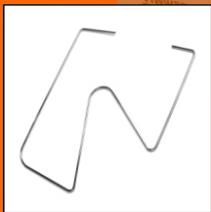


AFC4
AFC6
AFC8
AFC10

ACCUFORM AFC SERIES

VALUE IN CNC WIRE BENDING



Automated Industrial Machinery, Inc.

Machine Model	AFC4	AFC6	AFC8	AFC10
Wire Diameter Range (Millimeters)*	2mm - 4mm	2mm - 6.4mm	2mm - 8mm	3mm - 10mm
Wire Diameter Range (Inches)*	0.080" - 0.158"	0.080" - 0.25"	0.080" - 0.313"	0.118" - 0.394"
Max. Wire Tensile At Max. Wire Diameter	550 N/mm ²	550 N/mm ²	550 N/mm ²	550 N/mm ²
—#— (kPSI)	80 kPSI	80 kPSI	80 kPSI	80 kPSI

Performance Specifications

Feeder Axis #1

Wire Feed Resolution (Millimeters)	+/- 0.006mm	+/- 0.006mm	+/- 0.006mm	+/- 0.006mm
Wire Feed Resolution (Inches)	0.0002"	0.0002"	0.0002"	0.0002"
Max wire feed speed (Meters)	80 m/min	75 m/min	70 m/min	70 m/min
Max wire feed speed (Feet)	262' f/min	246' f/min	230' f/min	230' f/min

Bender Axis #2

Bender Resolution	0.0005°	0.0005°	0.0005°	0.0005°
Max Bender speed	1200°/sec	900°/sec	600°/sec	600°/sec
Max Bender angle	Unlimited	Unlimited	Unlimited	Unlimited

Arm Axis #3

Z-Axis Resolution	0.0004°	0.0004°	0.0004°	0.0004°
Max Z-Axis speed	360°/sec	360°/sec	330°/sec	300°/sec
Max Z-Axis rotation	Unlimited	Unlimited	Unlimited	Unlimited

Set-Up Time

Same Wire Diameter	2 minutes	2 minutes	2 minutes	2 minutes
Change Bending tools	15 minutes	15 minutes	15 minutes	15 minutes

Power Consumption, Electrical & Air Requirements

Average Power Consumption (KW/h)**	1.6	1.6	1.9	2.3
Electrical requirement		50/60 Hz 400V or 480V, 3 phase - all models***		
Installed Power	37KVA	37KVA	39KVA	40KVA
Air requirements		100 PSI @ 2 SCFM - all models		

Dimensions & Weight Please call AIM for all other models & configurations

Width, Depth & Height (meters)****	4.6m x 1.8m x 1.5m			
—#— (inches)****	180" x 70" x 60"			
Gross weight (Kg)	1600 Kg	1650 Kg	1775 Kg	1800 Kg
Gross weight (Lbs)	3527 Lbs	3637 Lbs	3913 Lbs	3968 Lbs
Turntable weight (Kg)	260 Kg			
Turntable weight (Lbs)	573 Lbs			
Safety Gate weight (Kg)	100 Kg			
Safety Gate weight (Lbs)	220 Lbs			

* Machines can form wire down to 2mm with additional tooling

** Power Consumption Data is measured on average production.

*** Specify on Order.

**** Dimensions based on installation footprint



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**Unlimited
Arm (Z-Axis) Rotation**

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