

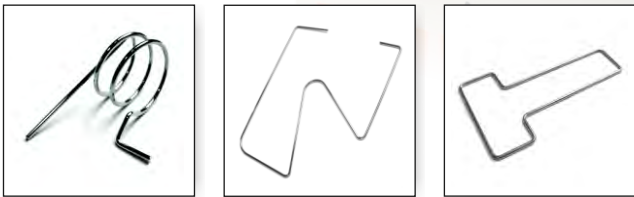
AIM inc[®]

THE BEST PERFORMANCE IN WIRE AUTOMATION



AFC4D
AFC6D
AFC8D
AFC10D

AFC shown without safety barrier
for display purposes.



ACCUFORM AFC SERIES
VALUE IN CNC WIRE BENDING

FORMING OUR FUTURE WITH YOURS

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Machine Model	AFC4D	AFC6D	AFC8D	AFC10D
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)	<0.0001mm	<0.0001mm	<0.0001mm	<0.0001mm
Wire Feed Resolution (Inches)	<0.00001"	<0.00001"	<0.00001"	<0.00001"
Max wire feed speed (Meters)	75 m/min	75 m/min	70 m/min	70 m/min
Max wire feed speed (Feet)	246' f/min	246' f/min	230' f/min	230' f/min

Bender Axis #2

Bender Resolution	<0.0001°	<0.0001°	<0.0001°	<0.0001°
Max Bender speed	2400°/sec	2400°/sec	1200°/sec	1200°/sec
Max Bender angle	Unlimited	Unlimited	Unlimited	Unlimited

Arm Axis #3

Z-Axis Resolution	<0.0001°	<0.0001°	<0.0001°	<0.0001°
Max Z-Axis speed	550°/sec	550°/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	16.35KVA	16.35KVA	22.14KVA	25KVA
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	4.6m x 1.8m x 1.5m	4.6m x 1.8m x 1.5m	4.6m x 1.8m x 1.5m
—#— (inches)****	180" x 70" x 60"	180" x 70" x 60"	180" x 70" x 60"	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



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

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