



Winget Syncro

Range of Wire Drawing Machines and Capabilities

NOTE: In the case of the Wire Drawing Machines the general specification of the equipment on Copper and Aluminium is indicated, but these machines are also suitable for the drawing of Brass and Bronze. Winget Syncro are pleased to make recommendations for the latter two materials on request.

Winget Syncro Wire Drawing Machine	COPPER			ALUMINIUM		
	Maximum Speed (fpm)	Maximum Entry Size (inches)	Finishing Range (inches)	Maximum Speed (fpm)	Maximum Entry Size (inches)	Finishing Range (inches)
AF16	6,000	0.024"	0.0028" - 0.006"	6,000	0.024"	0.003" - 0.0076"
A16	5,000	0.051"	0.0031" - 0.010"	5,000	0.051"	0.0031" - 0.010"
A17	5,000	0.051"	0.0031" - 0.010"	5,000	0.051"	0.0031" - 0.010"
AG16	7,000	0.064"	0.0031" - 0.0126"	7,000	0.064"	0.0031" - 0.0126"
B16	6,000	0.064"	0.006" - 0.0159"	6,000	0.064"	0.006" - 0.020"
BC14	3,500	0.102"	0.006" - 0.020"	-	-	-
BG16	6,000	0.072"	0.006" - 0.0285"	6,000	0.072"	0.006" - 0.020"
BG19	7,500	0.072"	0.006" - 0.020"	7,500	0.072"	0.006" - 0.020"
C7	4,000	0.128"	0.0159" - 0.072"	4,000	0.162"	0.0159" - 0.093"
C12	4,000	0.128"	0.0159" - 0.051"	4,000	0.162"	0.0159" - 0.051"
C13	6,000	0.162"	0.0159" - 0.064"	6,000	0.162"	0.0159" - 0.064"
D7	3,500	1/4"	0.081" - 0.162"	3,500	1/4"	0.093" - 0.162"
D9	3,500	1/4"	0.064" - 0.162"	3,500	1/4"	0.072" - 0.162"
D11	3,500	1/4"	0.051" - 0.162"	3,500	1/4"	0.064" - 0.162"
D13	3,500	1/4"	0.040" - 0.128"	3,500	1/4"	0.051" - 0.128"
D14	3,500	1/4"	0.040" - 0.128"	3,500	1/4"	0.045" - 0.128"
D14	3,500	5/16"	0.040" - 0.128"	3,500	5/16"	0.051" - 0.128"
J21	5,070	1/4"	0.020" - 0.128"	5,070	1/4"	0.025" - 0.128"
J21	5,070	5/16"	0.025" - 0.128"	5,070	5/16"	0.032" - 0.128"
F5	3,000	1/4"	0.102" - 0.162"	4,000	1/4"	0.114" - 0.162"
F5	2,600	5/16"	0.128" - 0.204"	3,500	5/16"	0.144" - 0.211"
F5	1,800	3/8"	0.162" - 0.229"	2,500	3/8"	0.162" - 0.211"
F5	1,050	1/2"	0.204" - 0.257"	1,500	1/2"	0.204" - 0.257"
F7	4,000	1/4"	0.081" - 0.162"	5,000	1/4"	0.093" - 0.162"
F7	3,000	5/16"	0.102" - 0.182"	4,000	5/16"	0.114" - 0.182"
F7	2,000	3/8"	0.128" - 0.204"	2,500	3/8"	0.144" - 0.211"
F7	1,250	1/2"	0.162" - 0.204"	2,000	1/2"	0.182" - 0.211"
F9	5,000	1/4"	0.064" - 0.144"	5,000	1/4"	0.072" - 0.162"
F9	4,000	5/16"	0.081" - 0.182"	5,000	5/16"	0.091" - 0.182"
F9	2,250	3/8"	0.102" - 0.204"	3,500	3/8"	0.114" - 0.211"
F9	-	-	-	2,500	1/2"	0.144" - 0.211"



Winget Syncro Wire Drawing Machine	COPPER			ALUMINIUM		
	Maximum Speed (fpm)	Maximum Entry Size (inches)	Finishing Range (inches)	Maximum Speed (fpm)	Maximum Entry Size (inches)	Finishing Range (inches)
F11	5,000	1/4"	0.051" - 0.144"	5,000	1/4"	0.057" - 0.162"
F11	5,000	5/16"	0.064" - 0.162"	5,000	5/16"	0.072" - 0.182"
F11	3,000	3/8"	0.081" - 0.204"	5,000	3/8"	0.091" - 0.211"
F11	-	-	-	3,500	1/2"	0.114" - 0.211"
F13	5,000	1/4"	0.040" - 0.144"	5,000	1/4"	0.045" - 0.162"
F13	5,000	5/16"	0.051" - 0.162"	5,000	5/16"	0.057" - 0.182"
F13	5,000	3/8"	0.064" - 0.204"	5,000	3/8"	0.072" - 0.211"
18T7	4,000	1/4"	0.081" - 0.162"	4,000	1/4"	0.093" - 0.162"
18T7	3,000	5/16"	0.102" - 0.182"	4,000	5/16"	0.114" - 0.182"
18T7	2,000	3/8"	0.128" - 0.204"	3,500	3/8"	0.144" - 0.211"
18T7	1,250	1/2"	0.162" - 0.204"	2,000	1/2"	0.182" - 0.211"
18T10	5,000	1/4"	0.051" - 0.128"	5,000	1/4"	0.064" - 0.128"
18T10	5,000	5/16"	0.064" - 0.162"	5,000	5/16"	0.081" - 0.162"
18T10	4,000	3/8"	0.072" - 0.204"	5,000	3/8"	0.091" - 0.211"
18T10	2,000	1/2"	0.102" - 0.204"	3,000	1/2"	0.128" - 0.211"
18T13	6,000	1/4"	0.040" - 0.128"	7,500	1/4"	0.045" - 0.128"
18T13	6,000	5/16"	0.051" - 0.162"	7,500	5/16"	0.057" - 0.182"
18T13	5,000	3/8"	0.064" - 0.204"	7,500	3/8"	0.072" - 0.211"
18T13	2,500	1/2"	0.091" - 0.204"	4,500	1/2"	0.102" - 0.211"
DOUBLE DECK ROD BLOCK	600	1/4"	0.175" MIN	600	1/4"	0.175" MIN
	600	5/16"	0.220" MIN	600	5/16"	0.220" MIN
	400	3/8"	0.265" MIN	400	3/8"	0.265" MIN
	250	1/2"	0.345" MIN	250	1/2"	0.345" MIN
	200	5/8"	0.440" MIN	200	5/8"	0.440" MIN
	200	3/4"	0.530" MIN	200	3/4"	0.530" MIN
FOUR BLOCK TROLL ROD	600	3/8"	0.182" - 0.250"			
	500	1/2"	0.250" - 0.330"			
	400	5/8"	0.312" - 0.435"			
	300	3/4"	0.375" - 0.520"			
	200	7/8"	0.437" - 0.600"			
	125	1"	0.500" - 0.700"			

Disclaimer

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Winget Syncro Continuous Resistance Annealers for Copper

Winget Syncro		COPPER
Annealer	Maximum Operating Speed (fpm)	Finishing Range (inches)
A4M	5,000	0.006" - 0.010"
B4M 8.5 KVA	6,000	0.006" - 0.0159"
B4M 11 KVA	6,000	0.006" - 0.020"
C3 1 phase 46 KVA	6,000	0.0159" - 0.051"
C3 1 phase 57 KVA	6,000	0.0159" - 0.064"
R100	5,000	0.0159" - 0.114"
DF 94 KVA	5,000	0.040" - 0.128"
DF 150 KVA Mk2	6,000	0.040" - 0.162"
DF 225 KVA Mk2	6,000	0.040" - 0.162"

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Winget Syncro Take-up Units for Copper

Winget Syncro Take-up Machine	Maximum Capacity (lbs)	Maximum Operating Speed (fpm)	Maximum Arbour Speed (fpm)	Wire Range (inches)
A Spooler	25	5,000	5,000	0.0031" - 0.0159"
A Spooler	15	6,000	6,500	0.0031" - 0.0159"
B Spooler	100	5,000	4,500	0.006" - 0.028"
B Spooler	60	6,000	5,600	0.006" - 0.028"
BE 300 Spooler	300	7,000	3,200	0.006" - 0.028"
BE 500 Spooler	500	7,000	3,200	0.006" - 0.040"
C3 Spooler	500	5,000	3,200	0.0159" - 0.051"
DFH Spooler	1,000	6,000	3,200	0.0159" - 0.204"
DFH Wide Spooler	1,000	6,000	3,200	0.0159" - 0.204"
DFH U 15hp Spooler	1,000	6,000	3,200	0.0159" - 0.204"
DFH U 25hp Spooler	1,000	7,500	3,200	0.0159" - 0.204"
Reelomatic 500 (Soft Wire Only)	500	6,000	3,200	0.020" - 0.064"
Reelomatic 1000 (Soft Wire)	1,000	5,000	1,800	0.040" - 0.162"
Reelomatic 1000 (Hard Wire)	1,000	5,000	1,800	0.040" - 0.128"
Reelomatic 2000 (Soft Wire)	2,000	6,000	2,400	0.040" - 0.162"
Reelomatic 2000 (Hard Wire)	2,000	6,000	2,400	0.040" - 0.128"
1 Ton Spooler	2,240	4,000	1,300	0.040" - 0.162"
2 Ton Spooler	4,480	600	400	0.040" - 0.480"
SGD1 Coiler	400 approx	5,000	-	0.016" - 0.128"
SGD3 Coiler	3,500	5,000	-	0.029" - 0.162"
SGD4 Coiler	4,000	6,000	-	0.029" - 0.162"
30" Dead Block Coiler (Soft Wire)	3,500 approx	5,000	-	0.016" - 0.128"
30" Dead Block Coiler (Hard Wire)	3,500 approx	5,000	-	0.016" - 0.102"

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Winget Syncro Take-up Units for Aluminium

Winget Syncro Take-up Machine	Maximum Capacity (lbs)	Maximum Operating Speed (fpm)	Maximum Arbour Speed (fpm)	Wire Range (inches)
A Spooler	25	5,000	5,000	0.0031" - 0.0159"
A Spooler	15	6,000	6,500	0.0031" - 0.0159"
B Spooler	100	6,000	5,600	0.006" - 0.028"
BE 300 Spooler	300	7,000	3,200	0.006" - 0.028"
BE 500 Spooler	500	7,000	3,200	0.006" - 0.051"
C3 Spooler	500	5,000	3,200	0.029" - 0.051"
DFH Spooler	1,000	6,000	3,200	0.040" - 0.162"
DFH Wide Spooler	1,000	6,000	3,200	0.040" - 0.162"
DFH U 15hp Spooler	1,000	6,000	3,200	0.0159" - 0.211"
DFH U 25hp Spooler	1,000	7,500	3,200	0.0159" - 0.211"
Reelomatic 1000 Spooler	1,000	5,000	1,800	0.051" - 0.162"
Reelomatic 2000 Spooler	2,000	6,000	2,400	0.040" - 0.162"
1 Ton Spooler	2,240	4,000	1,300	0.064" - 0.211"
2 Ton Spooler	4,480	750	500	0.064" - 0.500"
SGD1 Coiler	400 approx	4,000	-	0.029" - 0.128"
SGD3 Coiler	3,500	5,000	-	0.029" - 0.162"
SGD4 Coiler	4,000	6,000	-	0.029" - 0.162"
30" Dead Block Coiler	3,500 approx	5,000	-	0.029" - 0.128"

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