

PRESSURE SYSTEMS

[Showers](#)[Nozzles](#)[Filtration Systems](#)[Sinco-Guide Roll](#)[Guides](#)

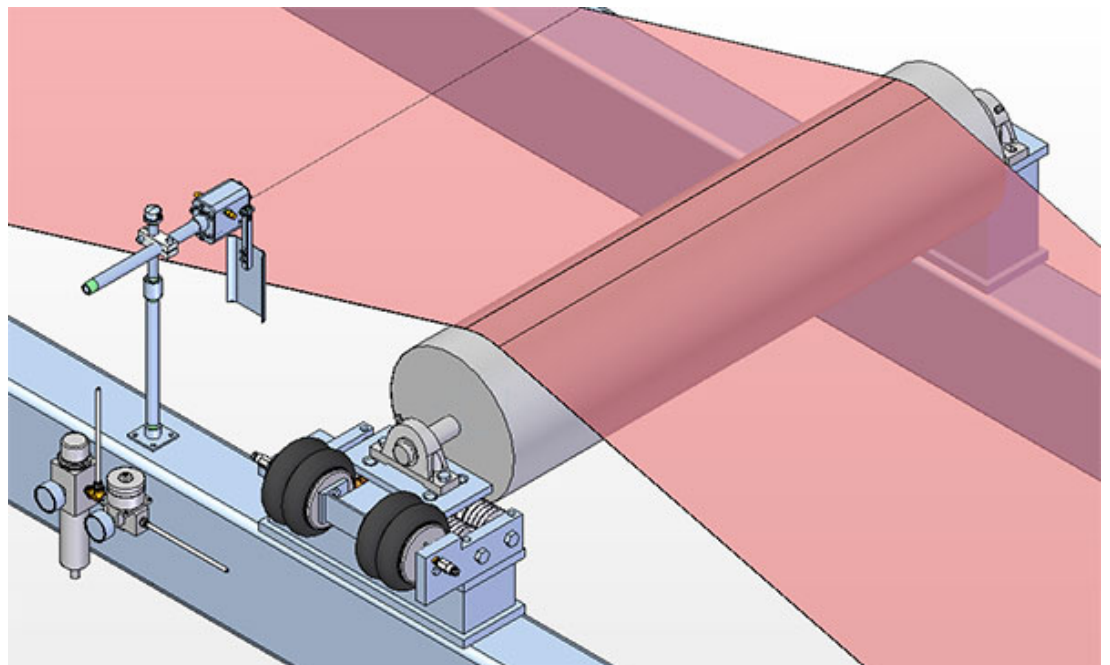
- [Sinco-Guide Data Sheet](#)

PLASTICS DIVISION

[Plastic Covers](#)[Plastic Materials](#)[Custom Vacuum](#)[Structures](#)

SINCO-GUIDE FELT & WIRE GUIDE

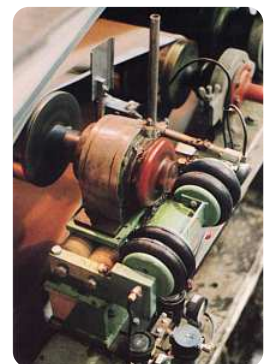
The Sinclair Sinco-Guide (roll guide) supports the paper machine roll bearing, and is used to guide and track paper machine wires, fabrics and felts.



Sinco-Guide Overall View

DESIGN ADVANTAGES

- Robust design for the paper machine harsh environment
- Smooth low friction system
- Direct acting positioning control provides fast and precise response
- Minimal maintenance
- Even load distribution
- Easy parts replacement

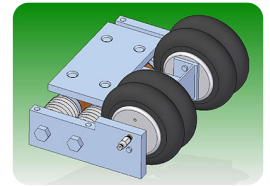


AUTOMATIC
HORIZONTAL
GUIDE

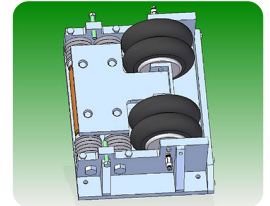
DESIGN COMPONENTS

- Stainless steel side plates and carriage

- Linear shafts and anti-friction bearings are factory greased before assembling the air and dust tight bellows protectors
- Frictionless diaphragm air actuators
- Pneumatic Sinco-Guide Controller (SGC) in stainless steel housing provides precision , automatic and continuous roll balance compensation
- Stainless steel arm and palm
- Stainless steel controller with adjustable mount
- Controller air set includes a filter, standard regulator and high precision regulator



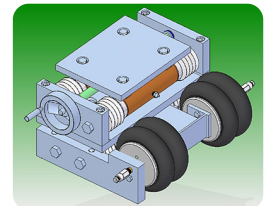
AUTOMATIC
HORIZONTAL
GUIDE



AUTOMATIC
VERTICAL GUIDE

DESIGN CONFIGURATIONS

- Automatic Horizontal — Mounts Horizontally, Most Common configuration, as shown in table
- Automatic Vertical — Mounted Vertically
- Manual — Manually Adjustable
- Automatic & Manual Combination — Manual Guide piggybacked to an Automatic Sinco-Guide
- Special Applications—Consult Sinclair for special requirements



AUTOMATIC /
MANUAL
COMBINATION

See [Sinco-Guide Application Data Sheet](#) for required mill information for sizing and/or contact Sinclair International for assistance with Model Selection and Sizing.

Sizing considerations include:

- Horizontal or Vertical
- Full Roll Weight / Loading
- Temperature
- Fabric Speed / Tension
- Automatic or Manual
- Wrap Angles

AUTOMATIC HORIZONTAL SINCO-GUIDE

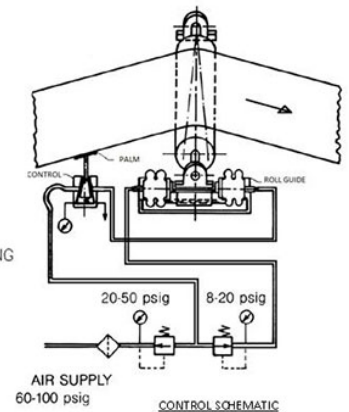
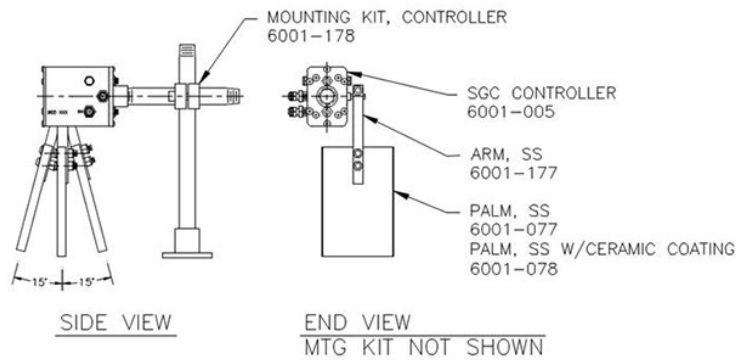
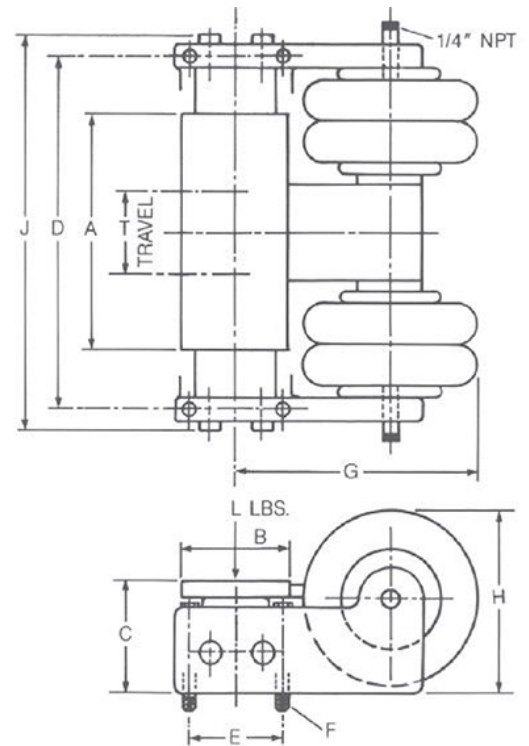
SINCO-GUIDE SGC CONTROLLER & COMPONENTS

KEY	MODEL 12-25	MODEL 16-25	MODEL 20-26	MODEL 24-26
T	3.00"	3.00"	4.75"	5.00"
A	8.25"	10.00"	12.00"	14.00"
B	4.00"	5.00"	6.00"	7.00"
C	3.69"	4.19"	5.19"	5.34"
D	12.43"	14.38"	17.25"	20.88"
E	3.63"	4.38"	5.50"	6.25"
FØ	3/8"	1/2"	1/2"	5/8"
G	8.38"	9.00"	11.75"	12.12"
H	6.50"	6.62"	8.75"	8.75"
J	13.75"	16.37"	19.50"	23.30"
L (ST)	1000#	1500#	2000#	3500#
L (HT)	400#	700#	1000#	1500#
P	750#	750#	1000#	1000#

L = half of roll weight

P = adjusting force at 60 psi air pressure

Standard Temp (ST) to 120°F; High Temperature (HT) to 225°F



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