

Aerospect SPS 1000 C Specification

General

Column Height:	2641 mm (104.00 in)
Max Diameter:	1160 mm (45.66 in)
Granite:	1524 x 918 x 254mm thick (60 X 36 X 10 in thick)
Worktable Height:	675 mm (26.6 in)
Machine Weight:	1859 kg (4090 lbs)
Electrical Cabinet Weight:	234 kg (515 lbs)

Air Bearing

Load Capacity:	1000 lbs (455 Kg) Optional 2500 lbs (1137 Kg)
Radial accuracy:	0.125 μ m (5 μ in)
Axial accuracy:	0.125 μ m (5 μ in)
Tilt Error Motion (coning):	< 0.025 μ m/mm (< 1 μ in/in)

Tilt & Center

Tilt Adjustment:	+/- 1°
Center Adjustment:	+/- 3.1mm (0.125 in)
Axis of Tilt:	95mm (3.8 in) Above Worktable
Work Table Diameter:	455 mm (18 in) optional 500 mm, 605 mm, 813 mm (19.6 in, 24 in, 32 in)

Gage Heads (4- Std, 8- optional)

Cartridge Style:	0.375" OD, +/- 1 mm (0.040") travel
Lever Style:	+/- 0.30mm (+/-0.012") travel
Ultra Small:	+/- 0.25 mm (+/- 0.010") travel
Measurement resolution:	0.25 μ m (10 μ in)

Note: Other Gage heads available upon request

Electrical

Encoder:	1000 line
Flat screen LCD Display	
Industrial Computer	
CE Approved	
Printer included	
Power:	120VAC-50/60hz or 220 VAC-50/60hz
Power Consumption:	500VA
Air Requirements:	Pressure: 50 – 80 psig
Air Usage:	1.5 scfm @ 60 psig, (42 l/min)



SPS Column

1000lbs or 2500 lbs load capacity. 2300 mm tall parts and assemblies may be conveniently measured and stacked.

* Floor plan available on request

Serving a global market

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To complement our precision manufacturing capability we also offer a host of metrology support services to provide our customers with complete solutions to their measuring needs and total confidence in their results.

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 or call: +44 116 246 3034



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TAYLOR HOBSON
A8248 ISO9001

Taylor Hobson France

Rond Point de l'Epine Champs
 Batiment D, 78990 Elancourt, France
 Tel: +33 130 68 89 30 Fax: +33 130 68 89 39
taylor-hobson.france@ametec.com



Taylor Hobson Germany

Postfach 4827, Kreuzberger Ring 6
 65205 Wiesbaden, Germany
 Tel: +49 611 973040 Fax: +49 611 97304600
taylor-hobson.germany@ametec.com



Taylor Hobson Italy

Via De Barzi
 20087 Robecco sul Naviglio, Milan, Italy
 Tel: +39 02 946 93406 Fax: +39 02 946 93450
taylor-hobson.italy@ametec.com



Taylor Hobson Japan

Sankyo Meguro Building 4-5-37,
 Kamiosaki, Shinagawa-Ku, Tokyo 141-0021, Japan
 Tel: +81 33494 5110 Fax: +81 33494 5119
taylor-hobson.japan@ametec.com



Taylor Hobson Korea

Hungkuk Life Building, 5th Floor 6-7, Soonae Dong
 Pundang-Ku, Seongnam, Kyungki-Do, 463-020, Korea
 Tel: +82 31 713 1371 Fax: +82 31 713 1372
taylor-hobson.korea@ametec.com



Taylor Hobson China Beijing Office

Room 2305, CITIC Building #19
 Jianguomenwai Dajie, Beijing, 100004, China
 Tel: +00 86 10 8526 2111 Fax: +00 86 10 8526 2141
taylor-hobson.beijing@ametec.com



Taylor Hobson China Shanghai Office

Part A, 1st Floor, Waigaoqiao Free Trade Zone
 Shanghai, 200131, China
 Tel: +00 86 21 58685111-110 Fax: +00 86 21 58680969-110
taylor-hobson.shanghai@ametec.com



Taylor Hobson Singapore

AMETEK Singapore, 10 Ang Mo Kio Street 65
 No. 05-12 Techpoint, Singapore 569059
 Tel: +65 6484 2388 Ext 120
taylor-hobson.singapore@ametec.com



Taylor Hobson USA

1725 Western Drive
 West Chicago, Illinois 60185, USA
 Tel: +1 630 621 3099 Fax: +1 630 231 1739
taylor-hobson.usa@ametec.com



Taylor Hobson UK

(Global Headquarters)
 PO Box 36, 2 New Star Road
 Leicester, LE4 9JQ, England
 Tel: +44 116 276 3771 Fax: +44 116 246 0579
 email: taylor-hobson.uk@ametec.com



Floor Plan

