



HS430L
HS650L
HS650L
5-Axis

Sodick's High-Speed Linear Machining Centre Range



As a pioneer in the use of high dynamic Linear Drives in machine tool design, and based on years of experience with over 20,000 Linear EDM Machines installed around the world, Sodick is presenting a new generation of High-Speed Linear Machining Centres with Linear Drives in all axes -The HS L Series.

High Speed Milling

High Speed Milling is a fast and efficient method of machining, reducing the overall production times. Further benefits are improved surface finish, reduced tooling costs and reduction of finishing operations.

High Speed Finishing

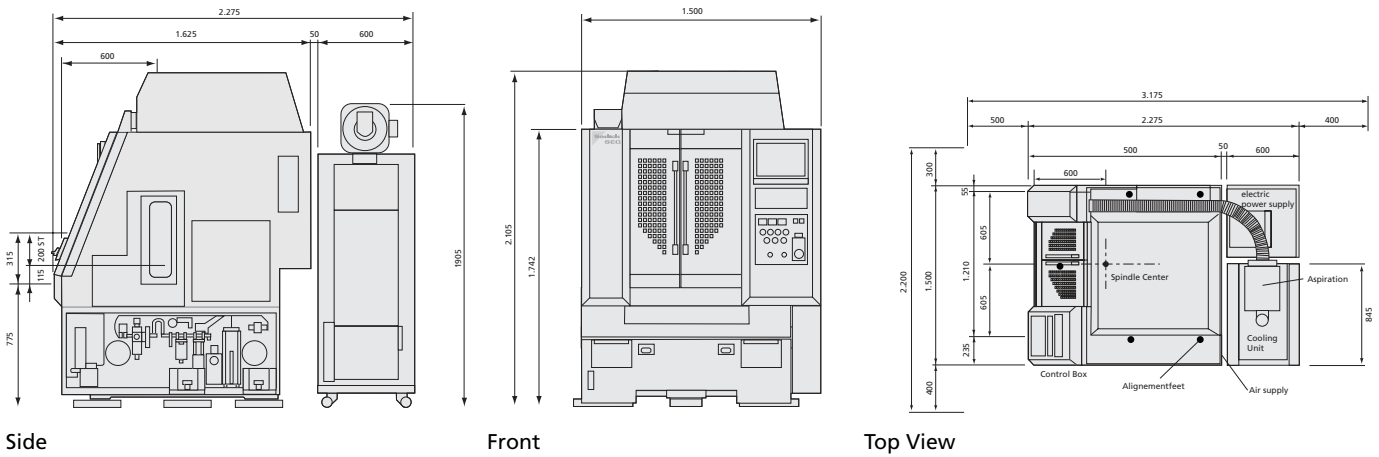
A combination of high feed rates, shallow depths of cut, high spindle Speeds and the highly dynamic and precise HS L Range ensures outstanding surface quality and dimensional accuracies and excellent tool life.

Sodick

Nano&Solution

Specifications HS430L/HS650L/HS650L 5-axis

HS430L

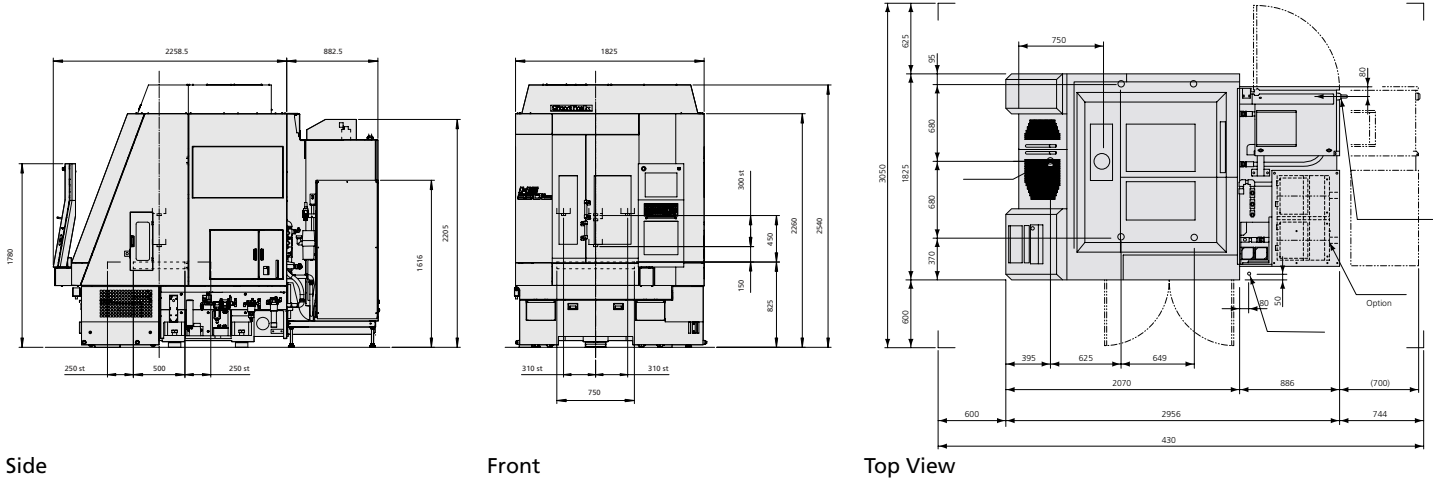


Side

Front

Top View

HS650L/HS650L 5-axis



Side

Front

Top View

· All CE spec machines have external transformer with dimension of ca. 650 x 460 x 540mm

Technical Specifications	HS430L	HS650L	HS650L 5-axis
X/Y/Z axis	420 x 350 x 200 mm	620 x 500 x 300 mm	620 x 500 x 300 mm
Machine table (W x D)	600 x 400 kg	750 x 500 kg	ø160 mm
Maximum load on table (kg)	60 kg	150 kg	10 kg
Spindle speed (min ⁻¹)	6000~40000	6000~40000	6000~40000
Max acceleration X/Y/Z axis (G)	>1	>1	>1
Rapid feed rate (m/min)	36 (m/min)	36 (m/min)	36 (m/min)
Maximum tool diameter	ø 6	ø 6	ø 6
Machine dimensions (W x D x H)	1635 x 2760 x 2200 mm	1825 x 3144x 2540 mm	1825 x 2956 x 2540 mm
Machine installation dimensions (W x D)	2950 x 4000 mm	3100 x 4500 mm	3100 x 4500 mm
Machine weight	5800 kg	8000 kg	8000 kg
Tool holder capacity	16 (45-position optional)	16 (45-position optional)	16 (45-position optional)

Sodick

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