

STOREBRO MACHINE TOOLS AB



**CNC-LATHES, DEEP HOLE BORING MACHINES,
SERVICE AND RETROFIT OF MACHINE TOOLS.**

BROAD EXPERTISE

We produce, maintain and renovate your machine tools. With our employees broad expertise we can execute your projects and operations that few others can manage. We work in compact teams close to you as our client to be able to customize, develop and optimize your production.

SWEDISH MANUFACTURE

Storebro and SMT are family owned, and are the only Swedish Lathe-brands with their headquarters in Sweden. STOREBRO can perform unique customizations quickly and correctly because of the short distances between construction, production and service in the organization.

FOCUS ON QUALITY AND PRODUCTIVITY

Our CNC-Controlled Turning and Deep Hole Boring machines are constructed and developed together with the scandinavian industry to achieve high demands on effectivity, precision machining and long service life. All our products are possible to customize with different options, to meet specific demands to optimize Your production.



STM 2500 in basic execution, turning length 600mm.

STM 2000

Turning capacity			Slide movements (rear turret)X/Z/Y*			mm	185/765/90*
Max. Turning length	mm	660	Rapid traverse X/Z/Y*			m/min	25/25/10*
Max. Swing diameter	mm	340	Sub spindle*				
Max. Turning diameter	mm	240	Power/speed range			kW/rpm	9kW / 35-3500
Headstock			3-jaw chuck with through hole 65			mm	3/160
Power main spindle motor AC 100%	kW	23	Rapid traverse Q-axis (Subspindle traverse)			m/min	20
Speed range with full power	rpm	60 - 7500	Tailstock MT3				
Spindle bore	mm	55 (75*)	Tail movement, hydraulic			mm	80
Chuck diameter	mm	160 (200*)	Hydraulic adjustable tail pressure			N	500-5000
Tool changer - Turret (Direct drive/ ATC as option)			Machine weight:				
Tool clamping system VDI / DIN 69880		12xVDI30				kg	4400
Driven positions/stations*		12	Control system:				
Tool power/speed range	kW/rpm	6/5000				SIEMENS Sinumerik 808D/828D/840D SL (*Shopturn*)	

STM 2500

Turning capacity			Slide movements (rear turret)X/Z/Y*			mm	250/1000/90*
Max. Turning length	mm	600 / 1000*	Rapid traverse X/Z/Y*			m/min	25/25/10*
Max. Swing diameter	mm	410	Sub spindle*				
Max. Turning diameter b/c	mm	280	Power/speed range			kW/rpm	9kW / 35-3500
Headstock			3-jaw chuck with through hole 65			mm	3/160
Power main spindle motor AC 100%	kW	28	Rapid traverse Q-axis (Subspindle traverse)			m/min	20
Speed range with full power	rpm	40 - 5000	Tailstock MT3				
Spindle bore	mm	75 (85*)	Tail movement, hydraulic			mm	80
Chuck diameter	mm	200(250*)	Hydraulic adjustable tail pressure			N	500-5000
Tool changer - Turret (Direct drive as option)			Machine weight				
Tool clamping system VDI / DIN 69880		12xVDI40				kg	5000
Driven positions/stations*		12	Control system				
Tool power/speed range	kW/rpm	8/4000				SIEMENS Sinumerik 808D/828D/840D SL (*Shopturn*)	

CUSTOMIZE YOUR MACHINE - OUR ADDITIONAL OPTIONS:

Steady rests
Bar feeder
Robot interface
Gantry loader
Milling

C-axis
Y-axis
Subspindle
Pallet systems
Hobbing

Part catcher
Automatic doors
Work piece & tool probe
High pressure coolant
Grinding



STM 4000 in 4-axis execution with C/Y-axis and power tools, turning length 1500mm.

STM 4000

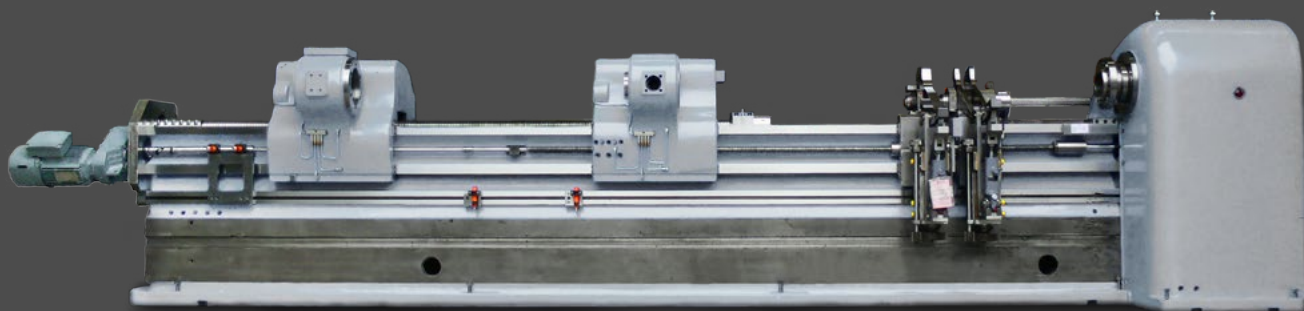
Turning capacity			Slide movements (rear turret)X/Z/Y*			mm	330/1500/110*
Max. Turning length	mm	900 / 1500*	Rapid traverse X/Z/Y*			m/min	20/20/10*
Max. Swing diameter	mm	570	Sub spindle*				
Max. Turning diameter	mm	390	Power/speed range			kW/rpm	11kW / 30-3000
Headstock			3-jaw chuck with through hole 65			mm	3/200
Power main spindle motor AC 100%	kW	30	Rapid traverse Q-axis (Subspindle traverse)			m/min	20
Speed range with full power	rpm	30 - 3000	Tailstock MT4				
Spindle bore	mm	75 (110*)	Tail movement, hydraulic			mm	150
Chuck diameter	mm	250 (315*)	Max. Hydraulic adjustable tail pressure			N	14 000
Tool changer - Turret (Direct drive/ ATC as option)			Machine weight turning length 900mm			kg	8500
Tool clamping system VDI / DIN 69880		12xVDI50	Machine weight turning length 1500mm			kg	10 000
Driven positions/stations*		12	Control system			SIEMENS Sinumerik 808D/828D/840D SL (*Shopturn*)	
Tool power/speed range	kW/rpm	10,6/2500					

STM 6000

Turning capacity			Slide movements (rear turret)X/Z/Y*			mm	350/1500/110*
Max. Turning length	mm	900 / 1500*	Rapid traverse X/Z/Y*			m/min	20/20/10*
Max. Swing diameter	mm	670	Sub spindle*				
Max. Turning diameter	mm	500	Power/speed range			kW/rpm	11kW / 30-3000
Headstock			3-jaw chuck with through hole 65			mm	3/200
Power main spindle motor AC 100%	kW	40	Rapid traverse Q-axis (Subspindle traverse)			m/min	20
Speed range with full power	rpm	30 - 3000	Tailstock MT4				
Spindle bore	mm	112	Tail movement, hydraulic			mm	150
Chuck diameter	mm	315 (400*)	Max. Hydraulic adjustable tail pressure			N	14 000
Tool changer - Turret (Direct drive/ ATC as option)			Machine weight turning length 900mm			kg	8500
Tool clamping system VDI / DIN 69880		12xVDI50	Machine weight turning length 1500mm			kg	10 000
Driven positions/stations*		12	Control system			SIEMENS Sinumerik 808D/828D/840D SL (*Shopturn*)	
Tool power/speed range	kW/rpm	10,6/2500					

MODERN INTUITIVE SOFTWARE

Our vision are to create long-term customer relationships through reliable products. We produce advanced quality production machinery with modern intuitive software that let you produce more with less effort. Through our long relationship with Siemens we can offer you the spearhead technology of today and of tomorrow.



The DHB series are delivered in various boring lengths, 0,5 - 10,00 meters

DEEP HOLE BORING MACHINES

Type		DHB 150	DHB 180	DHB 230
Boring Length	mm	500-10 000	500-10 000	500-10 000
Centre height above bed	mm	150	180	230
Max. Swing diameter	mm	390	435	520
Max. Diameter workpiece	mm	Ø300	Ø345	Ø430
Full bore	mm	100	125	125
Upprymning & motrotation max	mm	100	165	165
Spindle speed range standard	rpm	500-1500	300-1000	180-800
Spindle power standard	kW	30	37.5	45
Control system		SIEMENS Sinumerik 808D/828D/840D SL (*Shopturn*)		

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