

Stallion



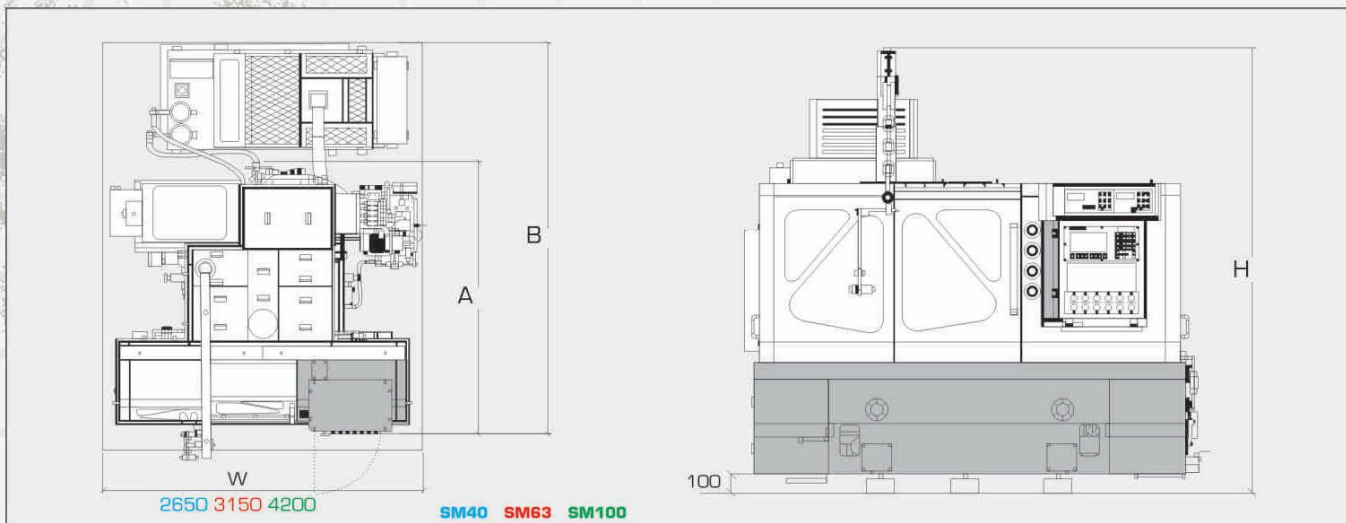
**SM Medium Duty
OD Grinding CNC Machine**

• Total solutions • Total customer service
Ace Micromatic
Group Company

SPECIFICATION

Description	Unit	SM 40	SM 63	SM 100
Capacity				
Swing over table	mm	320	320	320
Max grinding dia	mm	100	100	100
Admit between centers	mm	400	630	1000
Max weight of jobs between centers	kg	100	100	100
Wheel slide X axis				
Servo motor	Nm	8	8	8
Guide way type		V and Flat (LM guide)	V and Flat (LM guide)	V and Flat (LM guide)
Table Z axis				
Servo motor	Nm	8	8	8
Guide way type		V and Flat	V and Flat	V and Flat
Table type		Integral	Split	Split
Wheel head		Hydrodynamic		
Wheel dia (OD x ID)	mm	550x203.2/254	550x203.2/254	550x203.2/254
Wheel width (max)	mm	80	80	80
Surface speed	m/s	45	45	45
Wheel head motor power	kW	7.5	7.5	7.5
Wheel head spindle dia	mm	63	63	63
Workhead		Dead Center Servo Drive (live cum dead centre servo)		
Center	MT	5	5	5
Servo motor	Nm	12	12	12
Spindle speed	rpm	30-600	30-600	30-600
Tailstock		With Microtaper correction		
Center	MT	5	5(4)	5(4)
Quill dia	mm	65	65(50)	65(50)
Quill travel	mm	60	60(40)	60(40)
Taper correction range	mm	±0.075	±0.075	±0.075
General				
Foot print (W x A x H) -with out coolant tank	mm	2650 x 2350 x 2600	3150 x 2600 x 2600	4200 x 2600 x 2600
Dim `B` with coolant tank	mm	3360	3660	3660

MACHINE LAYOUT



- Since continuous development is taking place, design and specifications are subject to change without prior notice and information
- All bracket values / items are optional at extra price
- Color shown in picture may not match with actual color due to printing limitations
- Available machines shown may vary depending on optional equipment or periodic design changes.