

# Surface & Profile Grinding Machine



## ACC SA

### Precision surface grinding machine

With a grinding length of 500 - 600 mm and a cross travel of 200 - 300 mm the Okamoto SA Series is ideally suited for the toolroom. It features a high level of standard equipment to ensure easy handling, quick and precise small part production. The robust cast iron construction and double-V slideways in both table and crossfeed ensure long term precision. The intuitive operation of the controls simplifies usage and increases productivity considerably.

- Reinforced machine construction
- Automatic grinding cycles
- Double-V table and cross slideways
- Table dresser option



### ADDITIONAL EQUIPMENT

- Electro-(permanent) magnetic chuck  
500 mm x 200 mm / 600 mm x 300 mm
- Paper band filter coolant system
- Temperature stabilized wheelhead
- Fully automated balancing system
- Wheel flange

## ACC SA

	Description	Unit	ACC 52 SA	ACC 63 SA
<b>Work area</b>	Table stroke	mm	650 x 230	750 x 340
	Magnetic chuck size	mm	500 x 200	600 x 300
	Table -> new wheel	mm	47,5 ~ 397,5	22,5 ~ 322,5
	Load	kg	200	420
<b>Table</b>	T-slots	mm	17 x 1	17 x 3
	Speed	m/min	0,3 ~ 25	
<b>Cross movement</b>	Incr. movement	mm	0,5 ~ 12	0,5 ~ 20
	Cont. movement	mm/min	0 ~ 1000	
	Rapid	mm	1000	
	Hand wheel division	mm	0,001 / 0,01 / 0,05	
<b>Vertical movement</b>	Feed	µm	0,5 ~ 30	
	Rapid	mm/min	1000	
	Hand wheel division	mm	0,0001 / 0,001 / 0,01	
	Spark-out passes		0 ~ 5	
<b>Grinding wheel</b>	Dimensions (D x W x d)	mm	ø 205 x 19 x ø 50,8	ø 355 x 38 x ø 127
	Speed	min <sup>-1</sup>	3000	1500
<b>Motors</b>	Wheel spindle	kW	1,5	3,7
	Hydraulic pump	kW	0,75	1,5
	Vertical movement	kW	0,55 kW	
<b>Space requirement</b>	Dimensions (L x W x H)	mm	3030 x 1784 x 2276	3350 x 1987 x 2313
	Total weight net	kg	2100	2900