

# Surface & Profile Grinding Machine

## ACC-GX



GRIND - X  
OKAMOTO PRECISION SYSTEMS  
**Okamoto**

GRINDING SOLUTIONS

# Surface & Profile Grinding Machine

## ACC GX

### Precision surface grinding machine

With a grinding length of 500 - 1000 mm and a cross travel of 200 - 500 mm the Okamoto GX 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.

- Hydraulic surface grinder with automatic feed
- Moving saddle design
- Double-V slideways longitudinal and cross
- PLC controller with proven reliability



### OPTIONAL EQUIPMENT

- Electro-permanent magnetic chuck
- Wheel head mounted Hydraulic dresser
- Paper band filter with coolant system
- Cross-feed digital readout
- Spindle speed inverter

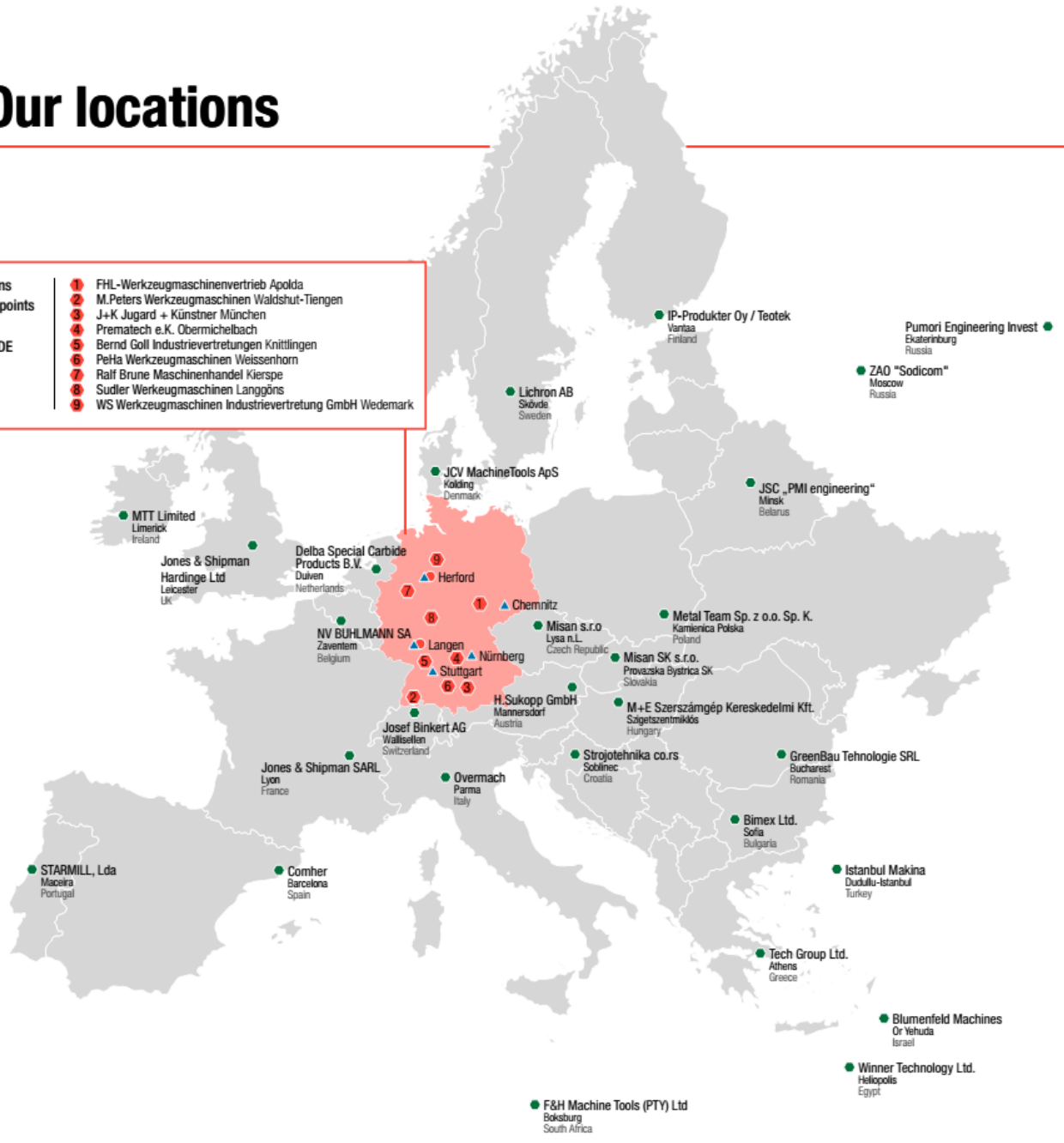


## ACC GX

	Description	Unit	52 GX	63 GX	64 GX	65 GX	84 GX	105 GX	
<b>Table</b>	Machine table (length x width)	mm	550 x 200	650 x 300	650 x 400	650 x 500	850 x 400	1016 x 500	
	Max. distance table > wheel	205 mm grinding wheel	mm	47.5 ~ 397.5	–	–	–	–	–
		355 mm grinding wheel	mm	–	22.5 ~ 322.5	22.5 ~ 322.5	22.5 ~ 522.5	22.5 ~ 522.5	22.5 ~ 522.5
	Standard size of magnetic chuck (L x W x H)	mm	500 x 200 x 90	600 x 300 x 90	600 x 400 x 90	600 x 500 x 90	800 x 400 x 90	1000 x 500 x 90	
	Max. table load (incl. magnet.)	kg	200	420	420	700	700	700	
T-slots (W x width)	mm	17 x 1	17 x 3						
<b>Longitudinal feed</b>	Max. traverse path	mm	650	750	750	750	950	1150	
	Speed	m/min	0.3 ~ 25	0.3 ~ 25	0.3 ~ 25	0.3 ~ 25	0.3 ~ 25	0.3 ~ 25	
	Manual feed/rotation	mm	47						
<b>Crossfeed</b>	Max. table cross traverse	mm	230	340	440	540	440	540	
	Manual cross feed	per rotation of hand wheel	mm	5.0					
		per division	mm	0.02					
	Autom. cross movement	step-wise	mm	0.5 ~ 12	0.5 ~ 20	0.5 ~ 20	0.5 ~ 20	0.5 ~ 20	0.5 ~ 20
		continuous	m/min	0.1 ~ 1.0	0.1 ~ 1.0	0.1 ~ 1.0	0.1 ~ 1.0	0.1 ~ 1.0	0.1 ~ 1.0
<b>Vertical feed</b>	Automatic feed	mm	0.0001 ~ 0.03						
	Manual feed	per rotation of hand wheel 0.1x1x10x	mm	0.0001 / 0.001 / 0.01					
		per impulse 0.1x1x10x	mm	0.01 / 0.1 / 1.0					
	Sparkout	Nr.	0 ~ 5						
	Vertical fast positioning	mm/min	600						
<b>Grinding wheel</b>	ø x width x bore	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/P	1.5 / 2	3.7 / 4					
	Hydraulic pump	kW/P	0.75/4	1.5/4	1.5 / 4	2.2 / 4			
	Vertical movement	kW	0.4 (AC Servomotor)						
<b>Power supply</b>	Connection value	kVA	4.5	7.5	8.0				
<b>Space requirement</b>	Length x Width x Height	mm	3030x1593x1800	3350x1929x1800	3350x2180x1800	3350x2450x2060	4220x2205x2060	4870x2264x2060	
<b>Total weight net</b>		kg	2100	2800	3000	3500	3900	4800	

# Our locations

- Locations
  - ▲ Servicepoints
  - Dealer
  - Dealer DE
- 1 FHL-Werkzeugmaschinenvertrieb Apolda
  - 2 M.Peters Werkzeugmaschinen Waldshut-Tiengen
  - 3 J+K Jugard + Künstler München
  - 4 Prematech e.K. Obermichelbach
  - 5 Bernd Goll Industrievertretungen Knittlingen
  - 6 PeHa Werkzeugmaschinen Weissenhorn
  - 7 Ralf Brune Maschinenhandel Kierspe
  - 8 Sudler Werkzeugmaschinen Langgöns
  - 9 WS Werkzeugmaschinen Industrievertretung GmbH Wedemark



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All data contained herein is based on the technical status of the machines at the time of printing. We reserve the right to change any detail via further development. As a result, dimensions, weights, colours, etc. of the delivered machines may vary.  
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