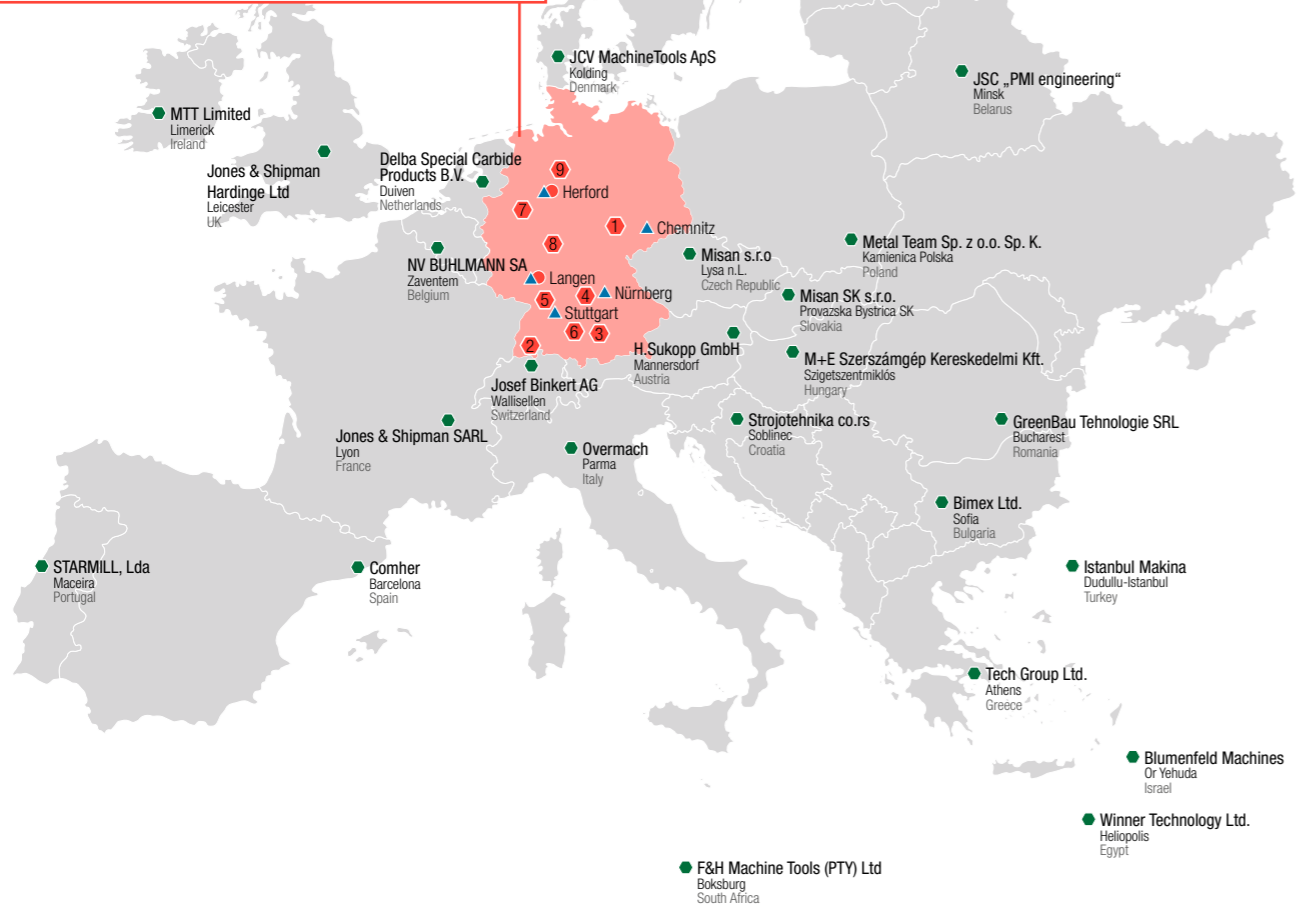


Our locations

- 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



Surface & Profile Grinding Machine

ACC-GX



Okamoto
GRIND - X



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OKAMOTO - JONES & SHIPMAN
KELLENBERGER - VOUMARD – HAUSER
HARDINGE SUPER PRECISION

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.
Printed in April 2018

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	
Table	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	—	—	—	—	
		305 mm grinding wheel	mm	—	22.5 ~ 322.5	22.5 ~ 322.5	22.5 ~ 547.5	22.5 ~ 547.5	22.5 ~ 547.5
		355 mm grinding wheel	mm	—	22.5 ~ 347.5	47.5 ~ 347.5	47.5 ~ 522.5	47.5 ~ 522.5	47.5 ~ 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. magnt.)	kg	200	420	420	700	700	700	
T-slots (W x width)	mm	17 x 1	17 x 3						
Longitudinal feed	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						
Crossfeed	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
Vertical feed	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						
Grinding wheel	ø x width x bore	mm	ø 205 x 19 x ø 50.8	ø 355 x 38 x ø 127					
	Speed	min ⁻¹	3000	1500					
Motors	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)						
Power supply	Connection value	kVA	4.5	7.5	8.0				
Space requirement	Length x Width x Height	mm	3030x1593x1800	3350x1929x1800	3350x2180x1800	3350x2450x2060	4220x2205x2060	4870x2264x2060	
Total weight net		kg	2100	2800	3000	3500	3900	4800	