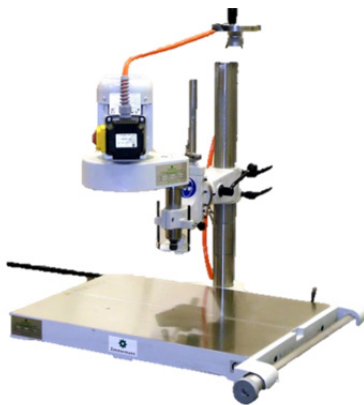




ZIMMERMANN
PORTAL MILLING MACHINES

Conventional Machines for Model Makers



Milling Machines



Sanding Machines

Bank	BLZ	Konto	IBAN	SWIFT
Kreissparkasse Esslingen	611 500 20	905 765	DE 41 6115 0020 0000 9057 65	ESSLDE66
Baden-Württ. Bank Stuttgart	600 501 01	7867 500 636	DE 14 6005 0101 7867 5006 36	SOLADEST
Volksbank Plochingen	611 913 10	713 835 001	DE 53 6119 1310 0713 8350 01	GENODES1VBP

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1 Milling Machines

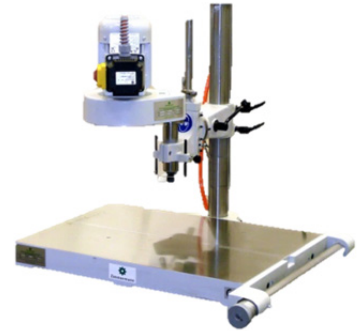
1.1 FZ 0 – Universal Bench Pattern Miller

Technical Data:

- 3-phase motor 400 V, 50 Hz
- Spindle speed 22.000 rpm
- Collet chuck Ø 8 mm with screwed cap

Standard Accessories:

- 1 plexiglas protection (11.0400)
- 1 exhaust funnel
- 1 longitudinal fence
- 2 centring pins (99.0014)
- 2 pins Ø 6 x 6 x 20 mm DIN 7 (194.03)
- 1 set of keys (11.0700), consisting of 5 hexagon keys.
- 2 fork wrenches SW17 (193.33)



Item No. 11.0000-5

Painting:

Structural painting RAL 7035 light grey (Special painting in other RAL- colours on request)

Spare Parts:

Item No.:	Product Name:	Description:
11.0400-1	Plexiglas protection	
11.5000-0	Exhaust funnel	
00.8300	Longitudinal fence	With fine adjustment - nonius 0,1 mm
11.2000-6	Three-phase milling unit	For light milling of wood, plastics and rigid foam by using cutters with a diameter of 8 mm. Three-phase motor 230/400 V, 50 Hz, Spindle speed 22.000 U/min., Collet chuck Ø 8 mm and screwed cap Standard accessories: 2 fork wrenches SW17 (193.33)

Other spare parts on request

2 Sanding Machines

2.1 OZS – Bobbin Sander

Technical Data:

- Motor 400 V, 50 Hz, 1,5/2,2 kW
- Spindle speed 1400/2800 rpm
- Electrics according to VDE specifications
- Right- and left-hand rotation of milling spindle
- Table 500 x 500 mm with marked center line
- Bobbin inclination 20/30° with fine adjustment (Reading accuracy 15min.)
- 0-indicator and re-adjustable 0-lock
- With chuck cone
- Exhaust connection Ø 100 mm



Item No. 39.0000-1

Standard Accessories:

- 1 screwed cap (193.22)
- Each 1 alu inset rings (31.0905 / 31.0906 / 31.0907)
- 2 arbors for sanding bobbins (08.1001-2 / 08.0700)
- Cylindrical sanding bobbins, length 120 mm (08.2101 / 08.2101 / 08.2201)
- Cylindrical sanding bobbins, length 200 mm (08.3600 / 08.3700)
- 1 set of keys (39.0020), consisting of 2 hook wrenches, 2 hexagon keys and 1 fork wrench
- 1 collet chuck Ø 20 mm (06.4408) for arbour

Apart from this the machine bears the "GS-certificate" wood-dust proof

Painting:

Structural painting RAL 7035 light grey (Special painting in other RAL- colours on request)

Spare Parts:

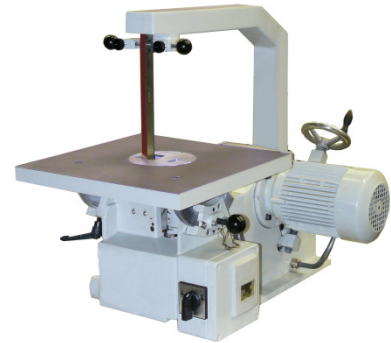
Item No.:	Product Name:	Description:
193.22	Screwed cap	
31.0905-1	Alu-inset ring	
31.0906-1	31.0906-1 Alu-inset ring	
31.0907-1	31.0907-1 Alu-inset ring	
08.0700	Arbor for sanding bobbin	200 mm long - shaft-Ø 20 mm
08.1001-2	Arbor for sanding bobbin	120 mm long - shaft-Ø 20 mm
08.2001	Cylindrical sanding bobbin	Ø 20 mm
08.2101	Cylindrical sanding bobbin	Ø 30 mm
08.2201	Cylindrical sanding bobbin	Ø 40 mm
08.3600	Cylindrical sanding bobbin	(max. speed 1400 rpm)
08.3700	Cylindrical sanding bobbin	(max. speed 1400 rpm)

Other spare parts on request

2.2 PS 0 – Profile Belt Sanding Machine

Technical Data:

- Motor 400 V, 50 Hz, 1,1 kW, 2800 rpm
- Electrics according to VDE specifications
- Right- and left-hand rotation
- Table tilting up/down
- Reading accuracy 30 min
- 0-indicator and re-adjustable 0-lock
- With support and suction arm
- Profile reversing bars (3 pieces)
- Adjustable belt guide (01.8200-5)
- 2 exhaust connections Ø 54 mm



Item No. 42.0100-5

Standard Accessories:

- 3 hexagon keys
- 1 abrasive belt 40 mm grid 60 (08.7421)

Painting:

Structural painting RAL 7035 light grey (Special painting in other RAL- colours on request)

Spare Parts:

Item No.:	Product Name:	Description:
01.5100-3	Profile reversing bar with guide pulley	15 mm wide, flat r 11 mm
01.5000-5	Profile reversing bar with guide pulley	30 mm wide, flat r 28 mm
01.5200-4	Profile reversing bar with guide pulley	40 mm wide, flat r 40 mm
01.8200-5	Adjustable belt guide	is clamped on profile reversing bar

Other spare parts on request

2.3 PS 1 – Profile Sanding Machine

Technical Data:

- Motor 400 V, 50 Hz, 1,5/2,2 kW, 1500/3000 rpm
- Support and suction arm
- Additional belt guide
- Set of profile reversing bars (4 pieces)
- Electrics according to VDE specifications
- Right- and left-hand rotation
- Table tilting up/down with fine adjustment
- Reading accuracy 15 min.
- 0-indicator and re-adjustable 0-lock
- Swivelling range up/down 45/30°
- Exhaust connection Ø 80 mm.



Item No. 38.0001-5

Standard Accessories:

- 2 hexagon keys SW 3 – special length (193.09)
- 1 abrasive band 40 mm, grid 60 (08.7211)

Painting:

Structural painting RAL 7035 light grey (Special painting in other RAL- colours on request)

Spare Parts:

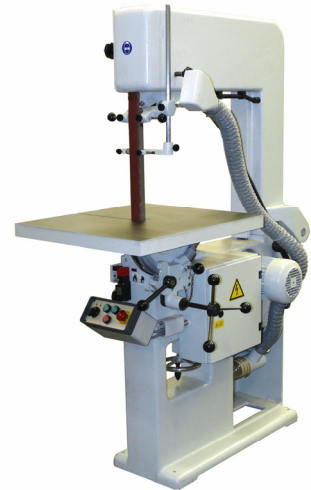
Item No.:	Product Name:	Description:
01.5500-3	Profile reversing bar with adjustable pulley	15 mm wide, flat and R 11
01.5510-3	Profile reversing bar with adjustable pulley	30 mm wide, flat and R 28 mm
01.5520-4	Profile reversing bar with adjustable pulley	40 mm wide, flat and R 40 mm
01.5530-4	Profile reversing bar with adjustable pulley	50 mm wide, flat and R 50 mm
01.8200-5	Adjustable belt guide	is clamped on profile reversing bar

Other spare parts on request

2.4 PS 2 – Profile Sanding Machine

Technical Data:

- Motor 400 V, 50 Hz, 1,5/2,2 kW, 1500/3000 rpm
- Support arm with guide pulleys for circular belt
- Additional belt guide
- Set of profile reversing bars
- Suction pipe
- Electrics according to VDE specifications
- Right- and left-hand rotation
- Table tilting up/down with fine adjustment
- Reading accuracy 15 min.
- 0-indicator and re-adjustable 0-lock
- Swivelling range up/down 45/30°
- Exhaust connection Ø 80 mm.



Item No. 38.0005-5

Standard Accessories:

- 2 hexagon keys SW 3 – special length (193.09)
- 1 abrasive band 40 mm, grid 60 (08.7211)

Painting:

Structural painting RAL 7035 light grey (Special painting in other RAL- colours on request)

Spare Parts:

Item No.:	Product Name:	Description:
01.5500-3	Profile reversing bar with adjustable pulley	15 mm wide, flat and R 11
01.5510-3	Profile reversing bar with adjustable pulley	30 mm wide, flat and R 28 mm
01.5520-4	Profile reversing bar with adjustable pulley	40 mm wide, flat and R 40 mm
01.5530-4	Profile reversing bar with adjustable pulley	50 mm wide, flat and R 50 mm
01.8200-5	Adjustable belt guide	is clamped on profile reversing bar
38.0600-3	Suction pipe	Complete with suction hose and fixing device

Other spare parts on request

2.5 SZ-Piccolo – Portable Disc Sanding Machine

Technical Data:

- 1 sanding disc Ø 300 mm
- Motor 230 V, 50 Hz, WS, 0,37 kW, 1380 rpm.
- Electrics according to VDE specifications
- Right- and left-hand rotation
- Sturdy table made of grey-cast iron,
- Guided in two precise tilting segments
- Table encloses the disc on either side
- Table can be tilted forward for changing of abrasive paper.
- Readjustable 0 lock
- Graduated scale (reading accuracy: 30min)
- Swivelling range up/down 45/45°°



Item No. 032.060.00-2V1

Apart from this the machine bears the "GS-certificate" wood-dust proof

Standard Accessories:

- protractor and fitting strip for table groove
- abrasive paper, grit 60 (207.94)

Painting:

Structural painting RAL 7035 light grey (Special painting in other RAL- colours on request)

Spare Parts:

Item No.:	Product Name:	Description:
032.003.00-0	Protractor	Adjustable ±60°

Other spare parts on request

2.6 SZ 1 – Disc Sanding Machine 1000

Technical Data:

- 1 sanding disc Ø 600 mm and 2. flange
- Motor 400 V, 50 Hz, 1,5 kW, 1000 rpm
- Right/left-hand rotation
- Electronic motor brake
- Electrics according to VDE specifications
- Sanding table rotating and located below disc centre, displacement 45 mm
- Tilting table with fine adjustment
- 0-indicator and re-adjustable 0-lock (reading accuracy 15 min.)
- Swivelling range up/down n 45/30°
- Machine stand grey cast iron
- Exhaust connection Ø 120 mm



Item No. 33.0001-6V1

Motor driven table adjustment no longer available

Standard Accessories:

- 1 fitting strip for table groove
- 1 protractor (33.0300)
- each one hexagon key SW 5, 6 (193.03 +193.04),
- 1 abrasive paper, grit 60 (08.5302)

Apart from this the machine bears the "GS-certificate" wood-dust proof

Painting:

Structural painting RAL 7035 light grey (Special painting in other RAL- colours on request)

Spare Parts:

Item No.:	Product Name:	Description:
33.0300-0	Protractor	

Other spare parts on request

2.7 SZ 1 – Disc Sanding Machine 1500 rpm

Technical Data:

- 1 sanding disc Ø 600 mm and 2. flange
- Motor 400 V, 50 Hz, 3.0 kW, 1500 rpm
- Right/left-hand rotation
- Electronic motor brake
- Electrics according to VDE specifications
- For sanding light metal, grey cast iron and steel
- Sanding table rotating and located below disc centre, displacement 45 mm.
- Tilting table with fine adjustment
- 0-indicator and re-adjustable 0-lock (reading accuracy 15 min)
- Swivelling range up/down n 45/30°
- Machine stand grey cast iron
- Spark guard
- Exhaust connection Ø 120 mm



Item No. 33.0003-6V1

Motor driven table adjustment no longer available

Apart from this the machine bears the "GS-certificate" wood-dust proof

Standard Accessories:

- 1 fitting strip for table groove
- 1 protractor (33.0300)
- each one hexagon key SW 5, 6 (193.03 +193.04),
- 1 abrasive paper, grit 60 (08.5302)

Painting:

Structural painting RAL 7035 light grey (Special painting in other RAL- colours on request)

Spare Parts:

Item No.:	Product Name:	Description:
33.0300-0	Protractor	

Other spare parts on request

2.8 SZ 2 – Disc Sanding Machine 1000 rpm

Technical Data:

- 2 sanding discs Ø 600 mm
- Motor 400 V, 50 Hz, 1,5 kW, 1000 rpm.
- Right/left-hand rotation
- Electronic motor brake
- Electrics according to VDE specifications
- Sanding table rotating and located below disc centre, displacement 45 mm.
- Tilting table with fine adjustment
- 0-indicator and re-adjustable 0-lock (reading accuracy 15 min.)
- Swivelling range up/down n 45/30°
- Machine stand grey cast iron
- 2 spark guards
- Exhaust connection Ø 120 mm



Item No. 34.0001-6V1

Motor driven table adjustment no longer available

Apart from this the machine bears the "GS-certificate" wood-dust proof

Standard Accessories:

- 1 fitting strip for table groove
- 1 protractor (33.0300)
- each one hexagon key SW 5, 6 (193.03 +193.04),
- 1 abrasive paper, grit 60 (08.5302)

Painting:

Structural painting RAL 7035 light grey (Special painting in other RAL- colours on request)

Spare Parts:

Item No.:	Product Name:	Description:
33.0300-0	Protractor	

Other spare parts on request

2.9 SZ 2 – Disc Sanding Machine 1500 rpm

Technical Data:

- 2 sanding discs Ø 600 mm
- Motor 400 V, 50 Hz, 3,0 kW, 1500 rpm.
- Right/left-hand rotation
- Electronic motor brake
- Electrics according to VDE specifications
- For sanding light metal, grey cast iron and steel
- Sanding table rotating and located below disc centre, displacement 45 mm.
- Tilting table with fine adjustment
- 0-indicator and re-adjustable 0-lock (reading accuracy 15 min.)
- Swivelling range up/down n 45/30°
- Machine stand grey cast iron
- Exhaust connection Ø 120 mm



Item No. 34.0003-6V1

Motor driven table adjustment no longer available

Apart from this the machine bears the "GS-certificate" wood-dust proof

Standard Accessories:

- 1 fitting strip for table groove
- 1 protractor (33.0300)
- each one hexagon key SW 5, 6 (193.03 +193.04),
- 1 abrasive paper, grit 60 (08.5302)

Painting:

Structural painting RAL 7035 light grey (Special painting in other RAL- colours on request)

Spare Parts:

Item No.:	Product Name:	Description:
33.0300-0	Protractor	

Other spare parts on request

2.10 VBZ 250 – Vertical Belt Sanding Machine

Technical Data:

- Motor 400 V, 50 Hz, 4 kW, 1500 rpm
- Electrics according to VDE regulations
- Switch cabinet on rear side of machine
- Sanding height 400 mm
- Sanding table 750 x 350 mm
- tilting table segment with finde adjustment (reading accuracy 15 min.),
- 0-indicator and re-adjustable 0-lock
- Swivelling range up/down 30/45°
- Abrasive band 250 mm large, adjustable to both sides for precise edge grinding
- Machine base grey cast iron
- Exhaust connection 120 mm.



Item No. 43.0001-3V1

Standard Accessories:

- 1 abrasive belt (08.7431),
- 1 graduator/protractor (33.0300)
- 1 set of keys (43.0020) consisting of :
 - 1 fork wrench SW 13
 - 5 hexagon keys

Motor driven table adjustment no longer available

Apart from this the machine bears the "GS-certificate" wood-dust proof

Painting:

Structural painting RAL 7035 light grey (Special painting in other RAL- colours on request)

Spare Parts:

Item No.:	Product Name:	Description:
33.0300-0	Protractor	

Other spare parts on request

The machines are in conformity with “CE” specifications. Subject to technical modifications.
Photos can show options that are no longer available.


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01/2014

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