









Testbühne - test platform - test platform - plate-forme de test



Modell M 1 - 603/405100

mit Treppenstufen zur Beobachtung der Bewegungsposterior.  
Ramp: Steigung 10°  
Treppenstufe: 170 mm  
Gesamthöhe: 825 mm  
Geländer: poliert, H: 920 mm  
Rutschfeste, antirutschbelag (R11) hellgrau  
Stahlgehäuse: RAL 7035



Modell M 2 - 603/405000

mit Treppenstufen zur Beobachtung der muskulären Aktivität.  
Ramp: Steigung 10°  
Treppenstufe: 170 mm  
Gesamthöhe: 825 mm  
Geländer: poliert, H: 920 mm  
Rutschfeste, antirutschbelag (R11) hellgrau  
Stahlgehäuse: RAL 7035



Modell M 3 - 603/405500

mit Treppenstufen zur Beobachtung der muskulären Aktivität.  
Ramp: Steigung 10°  
Treppenstufe: 170 mm  
Gesamthöhe: 825 mm  
Geländer: poliert, H: 920 mm  
Rutschfeste, antirutschbelag (R11) hellgrau  
Stahlgehäuse: RAL 7035

Podium - podium - podium - estrade



2 + 1 - 603/405501  
- 603/405100

Podium mit Messstuhl  
podium with measuring chair  
podium mesurable  
estrade avec chaise de mesure



603/14/00001

Modell mit Podium  
examined on chair with podium  
mesuré sur podium  
estrade des mesures avec podium



Komfort - 603/400600

Modell mit  
measuring chair  
mesurable  
chaise de mesure

## Test platforms:

- Consider ceiling height:
- Platform height + 210 cm (adult person)
- angle: 10 %

## Examination chairs:

- Leg-rest not included as standard
- Chair model 2 not possible with leg-rest









# OVENS



Breite width breedte largeur ( ) Innenmaß / interior / binnenmaat / dim. intérieur	Tiefe depth diepte profondeur ( )	Höhe height hoogte hauteur ( )	Temperatur temperature temperatuur température	Türen doors deuren portes
<b>PP 1200</b>				
1230 mm (1000 mm)	920 mm (820 mm)	1570 mm (1200 mm)	< 250 °C	2
400 V, 50 Hz., 3 Ph., 10,2 kW				
inkl./incl. PRE-PREG-PORT			6021505000	



Breite width breedte largeur ( ) Innenmaß / interior / binnenmaat / dim. intérieur	Tiefe depth diepte profondeur ( )	Höhe height hoogte hauteur ( )	Temperatur temperature temperatuur température	Türen doors deuren portes
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## **Infrarot-Wärmeofen - infrared oven** **infrarood oven - four à infrarouge**

### **IR 800 D**

900 mm (810 mm)	700 mm (580 mm)	890 mm (510 mm)	< 250 °C	2
400 V, 50 Hz., 3 Ph., 3,7 kW				
1 Einschubblech / 1 tray / 1 plaat / 1 plaque			6021500005	
Untergestell - basement - onderdeel - bâti				
900 mm	760 mm	900 mm	6021506180	

### **IR 1300 D**

1595 mm (1300 mm)	1180 mm (1090 mm)	1400 mm (500 mm)	< 250 °C	1
400 V, 50 Hz., 3 Ph., 8,3 kW				
inkl./incl. PRE-PREG-PORT			6021500010	

## **Umluft-Wärmeschrank - circulation air oven** **heteluchtoven - four à air brassé**

### **260**

810 mm (650 mm)	760 mm (515 mm)	985 mm (780 mm)	< 300 °C (259 l)	1
230 V, 50/60 Hz., 1 Ph.,				
260 F			6021503105	
Untergestell - basement - onderdeel - bâti				
900 mm	760 mm	900 mm	6021506180	

### **400**

1235 mm (1000 mm)	870 mm (510 mm)	1025 mm (800 mm)	< 300 °C (400 l)	2
400 V, 50/60 Hz., 3 Ph.,				
400 F			6021503155	
Untergestell - basement - onderdeel - bâti				
1250 mm	870 mm	900 mm	6021506181	

## **Heizplatte - heating plate - Warmteplaat - plaque chauffante**

### **1390**

1390 mm (1280 mm)	980 mm (830 mm)	850 mm	< 250 °C	
400 V, 50 Hz., 3 Ph., 9,9 kW			6021507002	



# Heating technology

- ▶ Infrared-ovens:
  - ▶ Heat available within short period
  - ▶ Consider inside dimensions
  - ▶ IR 1300 serially with prepreg-port
  - ▶ Optionally for all other models
- ▶ Circulation ovens:
  - ▶ Consider inside dimensions
  - ▶ Heating cabinets 56/115/260/400/720 always offer with window (characteristic F)
- ▶ Heating plate: obsolete technology, very long heating period





























# Vakuu



Einzel- ventil Ventil Ventil	Table Haupt- Ventil Ventil	Einzel- ventil Ventil Ventil	Vakuum- station station station	Kanal- Ventil Ventil Ventil
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## Vacutec

625 mm (600 mm)	600 mm (450 mm)	600 mm
400 V, 50 Hz, 3 P+N, 3.8 kW		

effluos Vakuumaggregat, T-senge für - vacuum unit, table-top device  
vacuumaggregat, tafelmödel - formeuse à vide de table

60210030-0

## VACU 60 - V 80

670 mm	650 mm	310 mm
230 V, 50 Hz, 1 P+N		8 cfm/h

Vakuumpresse für ein Paar Einlegen mit Pumpe  
small press drawing device for pair of inlets with pump  
vacuum press with vacuum pump  
petit appareil à former sous vide avec pompe

60210130-5

## MLG 4-2R

435 mm	400 mm	235 mm		
230 V, 50 Hz, 1 P+N		8 cfm/h		1,8 L

Laminiergerät - low pressure device  
onderdruk apparaat - appareil à dépression

60213330-0

## V 40/25

780 mm	570 mm	510 mm	40 cfm/h	25 l
400 V, 50 Hz, 3 P+N, 1.1 kW				

Vakuumpumpe - vacuum pump - vacuum pump - pompe à vide

6021101403

## TZLR 2

3000 mm	600 mm	850 mm
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Bierdehner mit 2 Stationen, jede mit MLE 2-2R,  
Prismenhalter, Vakuumschläuche 30/25 mm  
Vakuumfließventil, Wasserscheider (ohne Bierdehner)  
deep drawing line with 2 stations, each with MLE 2-2R,  
prism holder, vacuum hose 30/25 mm  
vacuum foot valve, water separator (without press)  
diaphrasme mit 2 stations, all mit MLE 2-2R  
prisme houlder, vacuum hose 30/25 mm  
vacuum foot valve, water separator (without press)  
ligne d'emboîssement avec 2 stations, chaque avec  
MLE 2-2R, porte prisme, tuyau d'aspiration 30/25 mm  
pédale, séparateur d'eau (sans dispositif)

60213237-0





# Vacuum Technology

- ▶ Vacuum pumps:
  - ▶ Capacity depends on the amount of connected stations and kind of activity
  - ▶ Maintenance according to instruction manual. Common mistakes are dirty filters or water in the system
- ▶ Vacutec + Vacu 50/60
  - ▶ Deep-drawing device for vacuum aggregates for the production of trial shoes and for the bonding of insoles
- ▶ Low pressure device MLG
  - ▶ Small pumps with separately adjustable cycles for production of laminates
- ▶ Vacuum regulator MLE
  - ▶ Only a control unit without integrated pump
- ▶ Deep drawing stations:
  - ▶ Working stations for deep drawing and laminating
  - ▶ Single station or as a line
  - ▶ Deep drawing station with infinitely variable control by foot switch
  - ▶ Optionally with valve 1 inch and ½ inch































# Pressure Air Technology

- ▶ Cementing press Odin I + II:
  - ▶ For adhesion of heels and soles
  - ▶ With sliding device or separate heel press
- ▶ Long-sole press Titan:
  - ▶ For adhesion of custom-made shoes on lasts
- ▶ compressors:
  - ▶ Customer should use maximum tank capacity, that doesn't require an inspection certificate according to Italian law



# ODIN-TITAN



## Konstant

Schuhkissen mit konstantem Kissendruck  
permanently inflated cushion  
zoolkussen met vaste druk  
cousin pour maintien en pression des semelles

## Automatik

Schuhkissen mit automatischer Kissenfüllung  
automatic daily inflated cushion  
zoolkussen met automatische vulling  
cousin pour maintien en pression des semelles

ODIN I  
522 mm

ODIN I  
600 mm

ODIN II  
520 mm

	ODIN I konstant	ODIN I konstant	ODIN II konstant	ODIN II automatik
👤	500 x 615 x 2000 mm	620 x 615 x 2000 mm	620 x 615 x 2000 mm	620 x 615 x 2000 mm
🔌	230 V, 50 Hz, 1-Ph.	230 V, 50 Hz, 1-Ph.	230 V, 50 Hz, 1-Ph.	230 V, 50 Hz, 1-Ph.
Kompressor	■	■	■	■
	6003211101	6003211103	6003213100	6003223100
Kompressor	□	□	□	□
	6003211113	6003211111	6003213110	6003223110

Satz Innendruckplatten - set of foils - perçageat set - jeu de plaques de forme

12 P.

6003230012

## TITAN I

Orthopädie-Prädestelle, leichte Waare 450 mm breite Kissen  
single cement press for orthopedic work, 450 mm distance, without cushion  
erkek pars voor orthopedisch werk, 450 mm afstand, zonder kussens  
presse à souder simple pour orthopédie, distance 450 mm, sans coussins  
6003251200

## Kissen - cushion - kussen - cousin

Gewichtseinheit 1/1 / long-park, large - 1/1 abk / 1/1 large 6003280040  
Waldkissen halbhoch / van hoog - van kussen, halfhoog / demi-haut  
6003280050

Größe width breedte largeur	Farbe color kleur couleur	Form shape forme forme	Vermerk -demark -demark -demark	Stapel stack stapel empilage
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## K 440/80



1120 mm	500 mm	670 mm	440 mm	80 l
400 V, 50 Hz, 3 Ph.	2.4 kW			
Ansch. usd / connection / aansluiting / raccord				SW 7.2

Kompressor - compressor 6003320000

mit Schalldämmhaube / with silencer  
met geluid dempende kap / avec amortisseur de bruit  
1150 mm - 490 mm - 1016 mm 6003320001



#### MTF Tisch IV / FU

	340 mm - 480 mm - 790 mm	
	230 V, 50 Hz, 1 Ph., 0,75 kW	750-3000



2x1 - switchable speed / for table mounting  
voor aan te monteren montage & bevestig

W	
FU	750-3000 U/min / rpm
+	Adaptor M 16 nozzle / 5/8

5022001506



#### MTF 100 F / FU / 1,5



	450 mm - 600 mm - 1700 mm	750-3000 - 175 mm
	400 V, 50 Hz, 3 Ph., 1,5 kW	

F	1400 mm
FU	750-3000 U/min / rpm
+	Adaptor M 16 nozzle / 5/8

W	570-1170 mm	5022000111 6022000113
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#### MTF 100 F / FU / 2,2

	450 mm - 600 mm - 1400 mm	750-3000 - 175 mm
	400 V, 50 Hz, 3 Ph., 2,2 kW	



F	1000 mm
FU	750-3000 U/min / rpm
+	Adaptor M 16 nozzle / 5/8

W	570-1170 mm	5022000121 6022000123
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#### Footswitch - foot switch

voetschakelaar - foot switch / pédale

	ascend / key switching / duiktoren operation 2 in position	5022000001
	ascend / step switching / can lift soetschakelaar / operation marche/arrêt	5022000002

#### Socket router - switching unit

schakelaar met - switch de control

	600 mm - 700 mm	5022000005
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## Socket routers:

- Fix working height or adjustable
- If adjustable: generally better electrically
- Motor-sizes 1,5 and 2,2 kW - better engine smoothness with 2,2 kW

## MTF table :

- Socket router for easy corrections and for mobile purposes

## MTF 50 :

- Socket router for easy corrections with integrated suction, perfect for the clinical workshop
- All models generally with M16 and 5/8" adaptor



# MTF



F	total Accessoire total - tools unit, working height	W	Werkzeughalter, 5-buchsen single toolholder, working height
W	colonne réglable hauteur de travail Höhe verstellbar height adjustable	FU	commande négative, turbine de travail elektronische Drehzahl- Geschwindigkeitsregulierung continuous speed regulation
	regulable en hauteur		Werkzeughalter

Draw- with access length	Table height range in position	Work height range in middle	Work- up to 1000 mm	Customer Accessories available from
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## MTF 50 / FU

	500 mm	1250 mm	1500 mm	
	230 V, 50 Hz, 1 Ph., 1,5 kW			750-3000
F	1000 mm			
W	650-1530 mm			
FU	750-3000 U/min / rpm			
+	Adapter M 16 rechts / 5/8"			

6022003651



## MTF 100 HV / FU / W

	600 mm	820 mm	1500 mm	750-3000	125 mm
	400 V, 50 Hz, 3 Ph., 2,2 kW				
HV					
W	700-1400 mm				
FU	750-3000 U/min / rpm				
+	Adapter M 16 rechts / 5/8"				

6022003101



## MTF 200 HV / FU / W

	510 mm	820 mm	1250-1750 mm	750-3000	125 mm
	400 V, 50 Hz, 3 Ph., 2,2 kW				
HV	500 mm				
W	700-1400 mm				
FU	750-3000 U/min / rpm				
+	Werkzeughalter / tool holder gereedschapshouder / support p. tools				
+	Adapter M 16 rechts / 5/8"				

6022003201





































	MBS 25	MBS 30	MBS 35	MBS 40	MBS 50	MBS 100
ROHS COMPLIANT / REACH COMPLIANT	310x440x1700	500x515x2090	500x640x1580	1024x700x2050	800x1200x1570	730x1380x2000
Top grid plate (mm)	400x350 mm	600x450 mm	550x540 mm	550x530 mm	640x540 mm	640x540 mm
Top grid plate (mm) (available in 100 mm increments)	-10° (30° x 45°)	-10° (30° x 45°)	0° (30° x 30°)	-10° (30° x 45°)	-20° (30° x 45°)	-15° (30° x 45°)
Max. depth (mm) (depending on the height of the grid plate)	3360 mm	3540 mm	3300 mm	3360 mm	3430 mm	4420 mm
Depth (mm) (depending on the height of the grid plate)	6 - 15 mm	6 - 25 mm	6 - 25 mm	10 - 25 mm	6 - 20 mm	6 - 30 mm
Depth (mm) (depending on the height of the grid plate)	300x340 mm	270x410 mm	280x440 mm	270x510 mm	300x440 mm	400x380 mm
Grid plate (mm) (depending on the height of the grid plate)	400x530 mm	480x550 mm	400x565 mm	450x550 mm	800x1200 mm	1200 mm
Grid plate (mm) (depending on the height of the grid plate)	100 mm	21 170 mm	100 mm	21 170 mm	100 mm	100 mm
20 V 50 Hz 1 Ph	0,55 kW	1,5 kW	1,9 kW	-	2,5 kW	-
60000000000	50000000000	50000000000	50000000000	-	50000000000	-
400 V 50 Hz 3 Ph	-	1,5 kW	1,9 kW	2,25 kW	3,8 kW	3,8 kW
-	-	80000000000	80000000000	80000000000	80000000000	80000000000



		SBM 28		TBM 23/25	SBM 23/25
BMH / BMH / BMH / BMH		450 x 700 x 1720 mm	475 x 700 x 1725 mm	450 x 700 x 1720 mm	475 x 700 x 1725 mm
Borehousing / in housing / borehousing / borehousing		Ø 247,28 mm		Ø 237,25 mm	
Borehousing / in housing / borehousing / borehousing		135 mm		100 mm	
Open borehousing / spindle borehousing / spindle		MK II		MK II	
Open borehousing / spindle borehousing / spindle borehousing		max. 600 mm		105-415 mm	130-950 mm
Open borehousing / spindle borehousing / spindle borehousing		200 mm		240 mm	
Open borehousing / spindle borehousing / spindle borehousing		22 mm		80 mm	
Open borehousing / spindle borehousing / spindle borehousing		540 x 580 mm		340 x 280 mm	
Open borehousing / spindle borehousing / spindle borehousing		in 100 mm borehousing / in 100 mm borehousing	in 100 mm borehousing / in 100 mm borehousing	in 100 mm borehousing / in 100 mm borehousing	
Open borehousing / spindle borehousing / spindle borehousing		100-4000 rpm (opt)	100-6000 rpm (opt)	40-2000 rpm (opt)	
Open borehousing / spindle borehousing / spindle borehousing		400 W / 10 Hz, 3-Ph, 0.56 kW	100 W / 50 Hz, 1-Ph, 1.6 kW	400 W / 50 Hz, 3-Ph, 0.56 kW (frequency var.)	
		6023011028 (230V/400V)		6023010054	6023010050

inklusive	inklusive
3-18 mm	B 18, 3-16 mm
inklusive	6023010102
MK 3	MK 2 - B 18
inklusive	6023010111



Bohrmaschine/schraubstock - drill vice  
boormachine/bank Schroef - étau pour perceuse

TBM5BM 25/25 120 mm 8025800072



Deck width breadth height	Table width depth height	Shaft width height depth	Socket/band width height depth
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### MBB 200



	500 mm	750 mm	1750 mm (850 mm)	200 mm
	400 W, 50 Hz, 3 Ph., 3 kW 1450/2800 U/min (rpm)			

6023100280

Socket/band - securing band - schraubband - bande serrée

500 mm	750 mm	40	602310028540
500 mm	750 mm	50	602310028580

### MBB 300

	500 mm	1200 mm	1750 mm	300 mm
	400 W, 50 Hz, 3 Ph., 3 kW 1450 U/min (rpm)			

6023100280

Socket/band - securing band - schraubband - bande serrée

500 mm	1200 mm	40	602310028540
500 mm	1200 mm	50	602310028580



DS 170



DS 200



DS 250

	DS 170	DS 200	DS 250	DS 300	DS 750/250
Width x height x depth	230 x 440 x 210 mm	250 x 470 x 230 mm	250 x 530 x 270 mm	300 x 530 x 340 mm	600 x 320 x 700 mm
Socket/band securing cable cable model/bande serrée	175 x 25 x 32 mm	200 x 32 x 32 mm	250 x 40 x 31 mm	300 x 40 x 31 mm	250 x 40 x 31 mm
Socket/band securing band bande serrée/bande serrée	-	-	-	-	1800 x 75 mm
Central thread / central thread / vis central	2740 U/min	2650 U/min	1400 U/min	1250 U/min	1400 U/min
Accessories / accessories accessoires / accessoires	42 mm	42 mm	42 mm	42 mm	50 mm
400 W, 50 Hz, 3 Ph.	0,7 kW	1,0 kW	1,4 kW	2,2 kW	1,4 kW
Technical / technical data / données techniques	6025000000	6025000000	6025000025	6025000030	6025000040
Technical / technical data / données techniques	6025000050	6025000050	6025000050	6025000052	6025000052
Technical / technical data / données techniques	6025000061	6025000061	6025000063	6025000068	6025000063

More special machines at page 212 und 215

Primatec 850 OT :

- specially for adaption of different socket-router tools





All following products are  
for suction in the dust area

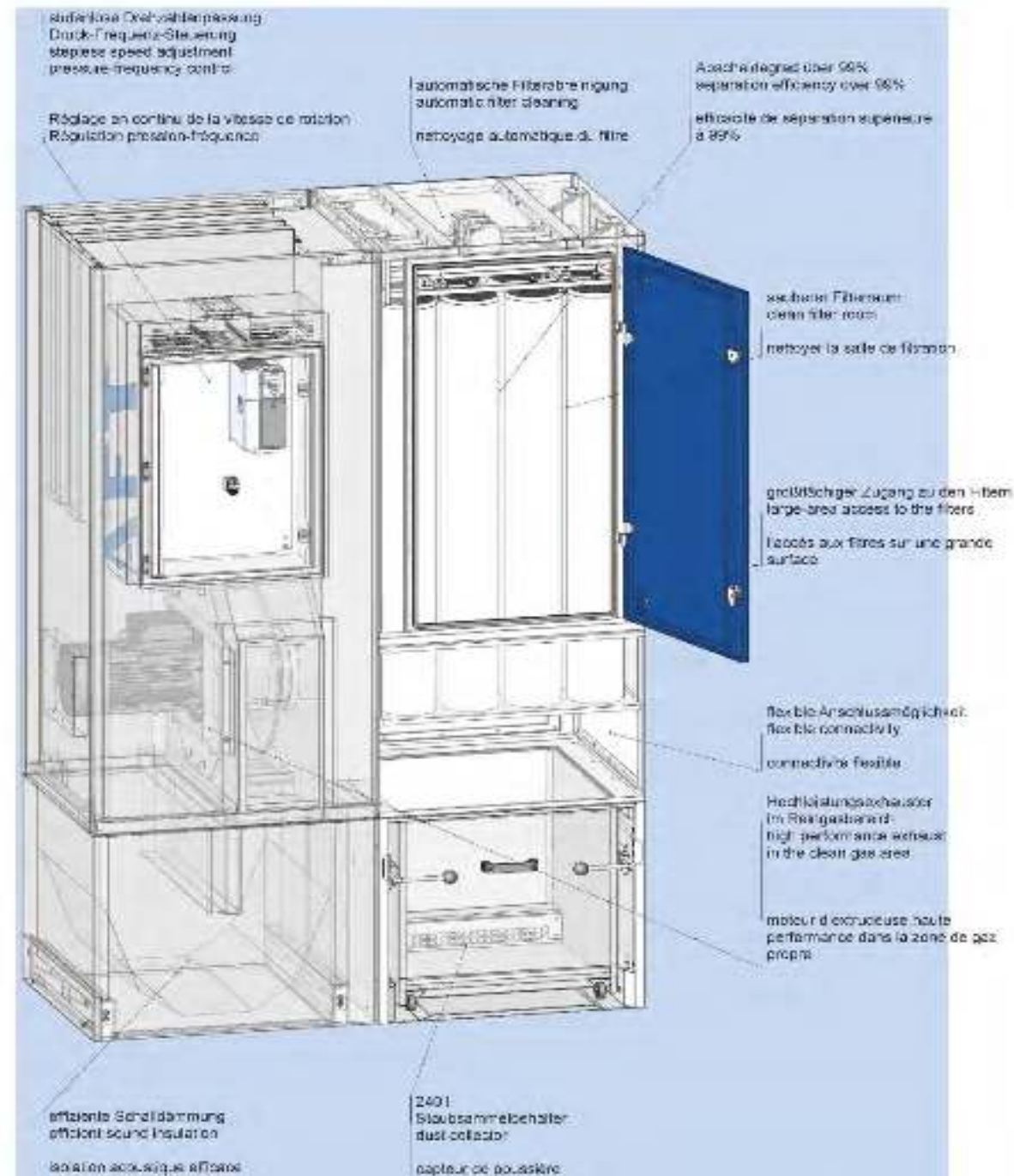


# MAS



Geeignet zur Aufstellung in der Werkstatt  
Can be installed in the workshop

Pour l'installation dans l'atelier





#### MAS 450

- 450 mm 813 mm 2400 mm
- 400 V, 50 Hz, 3 Ph, 3 kW

Filterfläche / filter surface / superficie de filtración 4,2 m²

5010340000

Filterhöhe / height of filter  
/ hauteur du filtre 500 mm

5010340014



#### MAS 900

- 900 mm 510 mm 2400 mm
- 400 V, 50 Hz, 3 Ph, 3 kW

Staubfangkapazität / dust collection volume  
/ capacité de captation de la poussière 90 l

Filterfläche / filter surface / superficie de filtración 5,5 m²

5010040000



#### MAS 1200

- 1200 mm 750 mm 2300 mm
- 400 V, 50 Hz, 3 Ph, 3 kW

Staubfangbehälter / dust collection volume  
/ capacité de captation de la poussière 230 l

Filterfläche / filter surface / superficie de filtración 7,2 m²

5010340003



#### MAS 1550

- 1550 mm 750 mm 2400 mm
- 400 V, 50 Hz, 3 Ph, 7,5 kW

Staubfangbehälter / dust collection volume  
/ capacité de captation de la poussière 230 l

Filterfläche / filter surface / superficie de filtración 11,5 m²

5010040015



# Central Suction Technology for dusts

- ▶ MAS - system:
  - ▶ Designed for the installation inside the machinery-room
  - ▶ Low-noise level
  - ▶ Stepless adaption of the suction power
  - ▶ Big dust collection capacity with plastic bags
  - ▶ Automatic filter cleaning system by vibration motor
- ▶ MAT - system:
  - ▶ For installation in a separate room - higher noise level as MAS-system
  - ▶ Check transportation route! Units deeper as 800 mm.
  - ▶ Automatic filter cleaning system by pressure air system
  - ▶ High capacity compressor required
- ▶ Jet - system:
  - ▶ Designed for installation outside
  - ▶ capacity 11 or 15 kW
  - ▶ High logistical effort
- ▶ Nearly all existing machine-models can be connected (Ginev, Lavaredo, San Crispino...)



AFT















































# ALKA shoe kitchen





# PODO

## PODO 30

350 mm 350 mm 400 mm  
230 V, 50 Hz, 1 Ph., 1,1 kW

Tischschleifmaschine für 2-Armaturen, 2-Schneidbrett, Filtersack  
table sawing machine, 2 cones for tools, 2 fans, dust bag  
slip machine, 2 high-pressure rollers or high-pressure, abzug mit Filterack  
bench dropout avec 2 bords-outils p. outils, 2 aspirateurs, sac filtrant

2-Konus MK 2-Metall

6000000030



## PODO 40

400 mm 400 mm 1280 mm

Schleifmaschine für 2-Armaturen (2x MK2-Metall), abs. Extraktor,  
Filtersack, Staubabscheider  
sawing machine, 2 cones for tools, fan, dust bag  
slip machine, 2 high-pressure rollers or high-pressure, abzug mit Filterack  
bench dropout avec 2 bords-outils p. outils, aspirateur, sac filtrant

700 V, 50 Hz, 1 Ph.  
400 V, 50 Hz, 3 Ph.

6000000050  
6000000051



## PODO 100

600 mm 665 mm 1630 mm

Bandschleifmaschine  
Konus links für Zusatz-Armaturen, Schleifband 100 mm breit,  
Richtblech für 100-pulsen rechts, integrierte Abzugung  
Band sawing machine  
conical shaft and for add. tools left, sawing band 100 mm wide,  
d-1 check for e.g. bending stone, integrated dust extraction  
Slip machine  
legeme van Pulverbladen links, schuifband 100 mm breed,  
breedba rechts voor bijv. schuifsteen, geïntegreerde afzuiging  
Machine à bande  
bords-outils p. outils venter, bande venter 100 mm  
mandrin type pouruse pour accessoirs, aspiration intégrée pulvérisée

230 V, 50 Hz, 1 Ph.  
400 V, 50 Hz, 3 Ph.

6000200600  
6000201600

## PODO 100 BM

mit Elektromotor / with built-in motor  
mit pendulum motor / avec moteur pendulaire

230 V, 50 Hz, 1 Ph.  
400 V, 50 Hz, 3 Ph.

6000202601  
6000201601



## PODO 20

450 mm 560 mm 400 mm 21 kg  
230 V, 50 Hz, 1 Ph., 0,55 kW

Kleine Tischschleifmaschine mit Extraktor und Filtersack  
small table sawing machine, with fan and dust bag  
kleine slipmaschine mit abzug und filterack  
small bench dropout avec aspirateur et sac filtrant

### Aufnahme-Wellenende / end of shaft

Konus MK 2-Metall / cone	6000000020
M 18 rechts/rechts/rechts/droite	6000000021
5/8" rechts/right/rechts/droite	6000000024
UNF rechts/right/rechts/droite	6000000028

## PODO 700

700 mm 600 mm 1330 mm  
230 V, 50 Hz, 1 Ph., 0,64 kW

Arbeitsstation  
eingebaute Podo 20, mit Extraktor und Filtersack,  
herausziehbarer Linschleifstein mit integrierter Abzugung,  
Extraktor, Gr.I, Aktivkohlefilter, Staubbehälter im Unterteil  
Workstation  
integrated table sawing machine Podo 20, with fan and dust bag  
sliding device with integrated suction device, fan size Gr. I,  
activated carbon filter, basement with 2 compartments

Workstation  
ingebauwde slipmaschine Podo 20 mit abzug und filterack  
ausziehbarer werkstein mit geintegrierte abzugung, abzugung Gr. I  
aktive kohlefilter, kast mit 2 aufhangfächer

Station de travail  
bench dropout Podo 20 incorporé avec aspirateur et sac filtrant  
ciseau de table coulissant avec séparation intégrée, aspirateur  
Gr I avec filtre à charbon actif, bâti avec 2 compartiments

### Podo 20 - Aufnahme-Wellenende / end of shaft

Konus MK 2-Metall / cone	6000000705
M 18 rechts/rechts/rechts/droite	6000000710
5/8" rechts/right/rechts/droite	6000000713
UNF rechts/right/rechts/droite	6000000718

## PODO 700 WB

1500 mm 600 mm 1330 mm  
230 V, 50 Hz, 1 Ph., 0,64 kW

Arbeitsstation Podo 700  
mit Regal Aufbau und Werkzeugenhalter, Werkzeugkasten  
Workstation Podo 700  
with top shelf and fixed for tools, tool boxes  
Workstation Podo 700  
mit Aufbau an Wand in gerechthaken, haken  
Station de travail Podo 700  
avec rayonnage et panneau pour outils, crochets

### Podo 20 - Aufnahme-Wellenende / end of shaft

Konus MK 2-Metall / cone	6000000755
M 18 rechts/rechts/rechts/droite	6000000760
5/8" rechts/right/rechts/droite	6000000763
UNF rechts/right/rechts/droite	6000000770











# PRIMATEC



## MERKMALE

- plane Oberfläche zum Ausrichten auf der Maschine
- ERGO: große Bewegungsfreiheit an den einzelnen Aggregaten
- verstellbare Grabschaufeln für genaues Freistur unter den Bohrkränzen
- sehr starke, effiziente Absaugung
- hoher Staubabscheidegrad über 99%

## CHARACTERISTICS

- the surface of the machine is provided with alignment
- ERGO: extreme freedom of motion when finishing tools of big sizes
- adjustable crowder for the over-situation
- very efficient dust extraction
- dust filtration of over 99%

## KENMERKEN

- vlakke bovenkant van de machine
- ERGO: grote bewegingsvrijheid aan elk afzonderlijk aggregaat van de machine
- in hoogte verstelbare afdelers voor groot stof voor optimale bewegingsvrijheid aan de schaarbanden
- zeer sterke en efficiënte afzuiging
- hoge afzuigrend van meer dan 99%

## CHARACTERISTIQUES

- surface de dépôt plane sur le dessus de la machine
- ERGO: très grande liberté de mouvement autour de chaque poste de travail
- réglage pour la réception des grosses poutrelles adaptable à différentes positions, selon le déplacement nécessaire des dessous des bandes àומר
- aspiration très puissante et très efficace
- très haut rendement de filtration dépassant 99%



PRIMATEC 600 BB  
600 x 300 x 1000 mm



PRIMATEC 800 BM B-BB  
800 x 300 x 1000 mm



PRIMATEC 1000 2BB 2E  
1000 x 300 x 1000 mm



PRIMATEC 800 BM B-BB E  
800 x 300 x 1000 mm



PRIMATEC 800 BM 2BB E  
800 x 300 x 1000 mm



PRIMATEC 1200 BM B-100 E 2K  
1200 x 300 x 1000 mm



PRIMATEC 1260 2F BM 2BB 2C

1200 x 500 x 1410 mm



PRIMATEC 1260 BM 2BB C 2K

1200 x 500 x 1410 mm



PRIMATEC 1260 1F BM 2BB C

1200 x 500 x 1410 mm



PRIMATEC 980 2F BM B-BB E

980 x 450 x 1410 mm



PRIMATEC 1200 2F BM B-BB E 2K

1200 x 500 x 1410 mm



PRIMATEC 1260 1F BM B-BB E 2K LIFT

1200 x 500 x 1410 mm



PRIMATEC 1300 2F BM 2BB E 2K

1300 x 610 x 1575 mm



PRIMATEC 1400 2F BM 2B-BB E

1400 x 875 x 1610 mm



PRIMATEC 1400 2F BM B-BB E

1400 x 875 x 1610 mm



PRIMATEC 1500 2F BM B-BB 3W-H

1500 x 875 x 1575 mm



POLISIA 500 3W X 2

500 x 225 x 1070 mm



POLISIA 500 3W X 3

500 x 225 x 1070 mm



POLISIA 625 3W X 3

625 x 400 x 1670 mm



POLISIA 625 3W X 4

625 x 400 x 1670 mm



# Podo + Primatec scouring machines

- ▶ Podo - grinding machines:
  - ▶ For grinding insoles and smaller changes
  - ▶ Combinations with adhesive-suction possible
- ▶ Primatec band scouring machines:
  - ▶ Generally with integrated suction- and filter system
  - ▶ (modification and connection to a central suction system is possible)
  - ▶ Big diversity of models - s. page 246-257
  - ▶ Possibility to connect different tools by cone and BV

# METEC

# AFT

## Facility

De METEC-Boxen zijn voorzien van een geïntegreerde filter in de afzuiging en zuigermotoren die het verwarmde lucht afgeven.

## Boxen

De boxen zijn voorzien van een centrale afzuiging en zijn uitgerust met verschillende functies voor de afzuiging.

Standard: twee afzuigingsarmen (Vormaat)

LF 200 mm (LF)

LF 300 mm (LF)

LF 400 mm (LF)

LF 500 mm (LF)

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LF 700 mm (LF)

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LF 25000 mm (LF)

LF 25100 mm (LF)

LF 25200 mm (LF)

LF 25300 mm (LF)

LF 25400 mm (LF)



# Metec Band-Scouring Machines

- ▶ Metec - equipment:
  - ▶ IR - Sensors for dust-flaps
  - ▶ Air-Stream technology
  - ▶ Pneumatical band detension
  - ▶ Cleaning jet valve
  - ▶ Optionally integrated height adjustment with 200 mm range
  - ▶ LED - Sky optionally
  - ▶ Optimized for the connection to a central suction system











AFT

MEGUE

AFT

AFT

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AFT

AFT

AFT

AFT

















# ALKA shoe kitchen

















ALKA

shoe kitchen



お客様の大切な靴を  
履きやすく修理いたします。  
ALKA shoe kitchen











Cone MK 2



Thread M16



Thread 5/8"

Organizacja i realizacja prac badawczych  
w zakresie mechaniki i techniki  
wzrostu 60 stron w formacie pdf

Organizacja i realizacja prac badawczych  
w zakresie mechaniki i techniki  
wzrostu 60 stron w formacie pdf

Organizacja i realizacja prac badawczych  
w zakresie mechaniki i techniki  
wzrostu 60 stron w formacie pdf



GRUNDFARBE / BASE COLOUR

HOOFDKLEUR / COULEUR FONDAMENTALE



RAL 7035

Lichtgrau (DE)  
Light grey (EN)  
Gris clair (FR)

AKZENTFARBEN / ACCENT COLOURS

ACCENTKLEURS / COULEURS D'ACCENT



RAL 1007

Narissengelb (DE)  
Daffodil yellow (EN)  
Jaune narciss (FR)

RAL 3018

Erdbeerrot (DE)  
Strawberry red (EN)  
Rouge fraise (FR)

RAL 6029

Minagrün (DE)  
Mint green (EN)  
Vert menthe (FR)

RAL 1017

Safrangelb (DE)  
Saffron yellow (EN)  
Jaune safran (FR)

RAL 5002

Ultramarinblau (DE)  
Ultramarine blue (EN)  
Bleu outremer (FR)

RAL 6034

Pastelltürkis (DE)  
Pastel turquoise (EN)  
Turquoise pastel (FR)

RAL 1018

Zinkgelb (DE)  
Zinc yellow (EN)  
Jaune zinc (FR)

RAL 5010

Enzianblau (DE)  
Gentian blue (EN)  
Bleu gentiane (FR)

RAL 7001

Silbergrau (DE)  
Silver grey (EN)  
Gris argent (FR)

RAL 1021

Rapsgelb (DE)  
Rape yellow (EN)  
Jaune colza (FR)

RAL 5011

Stahlblau (DE)  
Steel blue (EN)  
Bleu acier (FR)

RAL 7016

Anthrazitgrau (DE)  
Anthracite grey (EN)  
Gris anthracite (FR)

RAL 2000

Gelborange (DE)  
Yellow orange (EN)  
Orangé jaune (FR)

RAL 5015

Himmelblau (DE)  
Sky blue (EN)  
Bleu ciel (FR)

RAL 7037

Staubgrau (DE)  
Dusty grey (EN)  
Gris poussière (FR)

RAL 2002

Blutorange (DE)  
Vermilion (EN)  
Orangé sang (FR)

RAL 5018

Türkisblau (DE)  
Turquoise blue (EN)  
Bleu turquoise (FR)

RAL 7038

Achatgrau (DE)  
Agate grey (EN)  
Gris agate (FR)

RAL 2004

Reinsorange (DE)  
Pure orange (EN)  
Orangé pur (FR)

RAL 5020

Ozeanblau (DE)  
Ocean blue (EN)  
Bleu océan (FR)

RAL 9023

Perldunkelgrau (DE)  
Pearl dark grey (EN)  
Gris foncé nacré (FR)

RAL 3000

Feuerrot (DE)  
Flame red (EN)  
Rouge feu (FR)

RAL 6005

Moosgrün (DE)  
Moss green (EN)  
Vert mousse (FR)

RAL 3003

Rubinrot (DE)  
Ruby red (EN)  
Rouge rubis (FR)

RAL 6018

Gelbgrün (DE)  
Yellow green (EN)  
Vert jaune (FR)

RAL 3005

Weinrot (DE)  
Wine red (EN)  
Rouge vin (FR)

RAL 6027

Lichtgrün (DE)  
Light green (EN)  
Vert clair (FR)

Bitte beachten Sie, dass die Farben auf Ihrem Bildschirm bzw. Ausdruck unterschiedlich dargestellt sein können!

Please note that the colours on your screen or printout can be different!

Houd er rekening mee dat de kleuren op uw scherm/afdruk kunnen verschillen!

Veuillez noter que les couleurs de l'écran ou de l'impression peuvent être différentes !

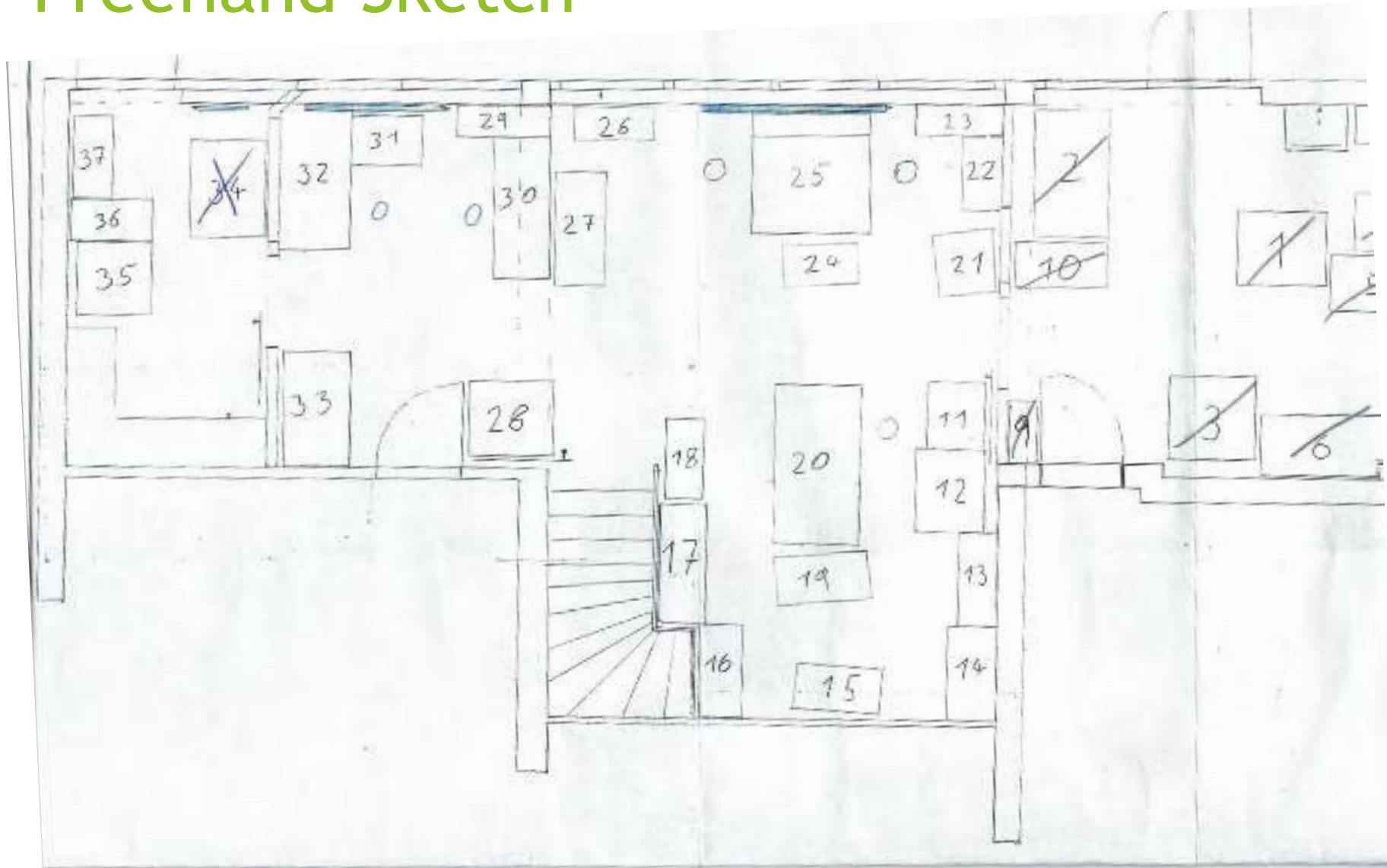
# Premises to make a workshop design



1. dwg - floor plan !!!
2. Pictures of all existing machines
3. Dimensions of the existing machines and benches
4. List of new machines or benches



# Freehand Sketch



## CHECKLIST PLANING

### central suction system

1. with how many of the connected machines the customer likes to work at the same time

2. ceiling height at the place of installation

☐ yes ☐ no

3. check of the transportation route for the suction system

☐ yes ☐ no

4. dwg-file of the complete machinery room

☐ yes ☐ no

### machinery room

1. list of all machines which has to be connected

☐ yes ☐ no

2. photos of all machines from front- and back side

☐ yes ☐ no

3. list with all the measurements of the existing machines (width + depth)

☐ yes ☐ no

4. Connection-diameter of the tube for machines like router, band-saw etc. (dimensions on a separate list)

☐ yes ☐ no

5. Does the customer insist to buy new machines? If yes which ones? (list)

☐ yes ☐ no

6. Does the customer wants also machines with integrated suction?

☐ yes ☐ no

7. hand layout of the machinery-room with all the machines/suction unit

☐ yes ☐ no

### CHECKLIST ELEKTRICITY

1. plug sockets are existing for all machines

☐ yes ☐ no

2. plug sockets are existing for all pneumatic flaps

☐ yes ☐ no

3. there are separate all-current-ventilation-circuit-breaker existing every machine needs its own switch

☐ yes ☐ no

4. suction systems with a power of 7,5 kW or more need a fuse of 32 ampere

☐ yes ☐ no

### CHECKLIST PNEUMATIC CONNECTIONS

1. pneumatic coupling for all machines, presses, flaps are existing

☐ yes ☐ no

2. capacity of the compressor is sufficient

☐ yes ☐ no

## CHECKLIST PLANNING

### workshop

1. total amount of all the work-benches (sitting/standing)

2. list with photos of all existing benches that should be installed (with dimensions - width x depth x height)

☐ yes ☐ no

3. list of all new work-benches with all the details (dimensions)

☐ yes ☐ no

4. list which of the work-benches are for sitting or standing work

☐ yes ☐ no

5. list which of the work-benches should have fume-suction

☐ yes ☐ no

6. storage area (tables, benches, racks) in the drawing

☐ yes ☐ no

7. hand layout of the work-shop with all the benches and racks

☐ yes ☐ no

8. dwg-file of the complete room

☐ yes ☐ no

### Gipsraum

1. total amount of all plaster-work-benches

2. list with photos of all existing benches that should be installed (with dimensions - width x depth x height)

☐ yes ☐ no

3. list of all new work-benches with all the details (dimensions)

☐ yes ☐ no

4. hand layout of the plaster-room with all the benches and racks

☐ yes ☐ no

5. dwg-file of the complete plaster-room

☐ yes ☐ no

### laminating + thermomoulding

1. total amount of laminating work-places

2. list with photos of all existing laminating tables to install (with dimensions - width x depth x height)

☐ yes ☐ no

3. list of all new work-benches with all the details (dimensions)

☐ yes ☐ no

4. what kind of things should be laminated?

5. does a central vacuum-pump exist? if yes, what is the capacity?

☐ yes ☐ no

6. total amount of vacuum working stations?

7. what kind of things should be thermomoulded?

8. hand layout of the room with all the benches, vices and racks

☐ yes ☐ no

9. dwg-file of the complete laminating and vacuum area

☐ yes ☐ no







































# Connecting of all existing machines



Take the measurements. To connect existing machines we need pictures from the front- and backside of the machine or the diameter of the tubes (router, bandsaws etc.).

There are many ways of transportation





















# CHECKLIST TRANSPORT

## Transportation route outside

- |  |                              |                             |
|--|------------------------------|-----------------------------|
| 1. parking for the truck                         | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 2. possibility to unload                         | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 3. delivery through forwarding agent             | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 4. trafficability for a pallet truck             | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 5. transportation from outside through fork-lift | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 6. photos of the complete outside situation      | <input type="checkbox"/> yes | <input type="checkbox"/> no |

## Transportation route inside

- |  |                              |                             |
|--|------------------------------|-----------------------------|
| 1. Which floor - basement                      | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| upper floor                                    | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 2. Lift existing                               | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| Dimensions width x depth x height              | mm <input type="checkbox"/>  | mm <input type="checkbox"/> |
| inside dimension of lift-door - width x height | mm <input type="checkbox"/>  | mm <input type="checkbox"/> |
| 3. staircase existing - width x height         | mm <input type="checkbox"/>  | mm <input type="checkbox"/> |
| 4. photos of the complete inside situation     | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 5. inside dimension of the smallest doors      | mm <input type="checkbox"/>  |                             |
| 6. ceiling height of the installation location | mm <input type="checkbox"/>  |                             |
| 7. plan as dwg-file existing                   | <input type="checkbox"/> yes | <input type="checkbox"/> no |