

15. MACHINES TOOLS

Industrial vacuum cleaners	p. 390
Compressors and fresh air treatment	p. 391
Rotary screw compressors	p. 392
Generator set	p. 393
Pressure washers	p. 394
Milling-Drilling Machine	p. 395



BOSCH

HAMMELMANN

KAMA

KARCHER



**Nilfisk
Advance**

PUSKA

ROLLOMATIC

PRECITEC

kränzle

>>> Industrial vacuum cleaners



ATTIX vacuum cleaners

At www.rodavigo.net Family: Machine tools
Product: Nilfisk material



The compact size and big performance of the ATTIX 30, along with the wide range of available models, make it a perfect choice for people who move with their work from place to place.

- The ergonomic design and low noise level emphasise our focus on real user benefits and longer working time.
- The excellent design offers you cable storage, accessories storage and a big tool deposit to keep all you need at hand.
- Automatic On/Off models are the choice of people who use the machine with electric hand tools because starting or stopping the tool starts and stops the vacuum, as well.
- Push&Clean Filter cleaning system

ATTIX 30	Code	539302003405
MARK		CE/GS
EL CABLE (M)		7,5
POWER PMAX (W)		1500
POWER PIEC (W)		1200
MAINS CONNECTION		230/1/50/16
AIR FLOW (L / M)		3700
VACUUM (MBAR / KPA)		250/25
WORKING SOUND LEVEL (DB(A))		59
CONTAINER VOLUME (L-MAX)		30
LENGTH X WIDTH X HEIGHT (MM)		450x380x595
WEIGHT (KG)		10



The ATTIX 40 gives superior suction power in a compact and flexible solution. Silent, small and mobile, but with the same convincing suction performance as the larger ATTIX 50, this is the perfect solution for commercial and industrial use with an easy to clean corrosion proof stainless steel container.

- Compact, ergonomic, and powerful
- Washable PET fleece filter with minimum 99.9% filtration efficiency
- Push&Clean filter cleaning system takes care of filter cleaning tasks in just a few seconds
- Low working sound level
- Accessory storage and tool deposit

ATTIX 40 INOX	Code	539302003414
MARK		CE/GS
EL CABLE (M)		7,5
POWER PMAX (W)		1500
POWER PIEC (W)		1200
MAINS CONNECTION		230/1/50/16
AIR FLOW (L / M)		3700
VACUUM (MBAR / KPA)		250/25
WORKING SOUND LEVEL (DB(A))		59
CONTAINER VOLUME (L-MAX)		37
LENGTH X WIDTH X HEIGHT (MM)		450x440x735
WEIGHT (KG)		13



The ATTIX 50 combines high performance with a big container capacity. Washable PET fleece filter elements. The low working noise level lets you work when others are nearby, without disturbing them. Superior vacuum performance.

AntiStatic System. Solve all major tasks in your company, workshop, garage, production etc.

- XtremeClean fully automatic filter cleaning system (XC models) takes care of filter cleaning tasks in just a few seconds without interrupting your work.
- Softstart will safeguard you for blown fuses.

ATTIX 50	Code	539302003411
MARK		CE/GS
EL CABLE (M)		7,5
POWER PMAX (W)		1500
POWER PIEC (W)		1200
MAINS CONNECTION		230/1/50-60/16
AIR FLOW (L / M)		3700
VACUUM (MBAR / KPA)		250/25
WORKING SOUND LEVEL (DB(A))		59
CONTAINER VOLUME (L-MAX)		47
LENGTH X WIDTH X HEIGHT (MM)		450x380x750
WEIGHT (KG)		11



Tough and reliable the ATTIX 9 is ideal for difficult cleaning tasks as well as daily maintenance cleaning. Its suburb performance and quality construction make the ATTIX 9 a great choice for warehouses, factories and industry.

The twin turbine motor produces enough air flow and suction power to give you a better result in less time.

- Push & Clean filter cleaning system for high efficiency.
- Washable PET Fleece, big surface filter for high efficiency and low maintenance costs.
- Stainless steel tiltable and removable 70 litre container for perfect handling and disposal.
- 10 metre cable for a large working radius.
- Emptying is kept to a minimum.

ATTIX 961-01	Code	539302002900
ELECTRIC CABLE LENGTH (M)		10
VOLTAGE (V)		16/230
IP PROTECTION CLASS		IPX4
POWER PMAX (W)		2 x 1500
POWER PIEC (W)		2 x 1200
MAINS CONNECTION		230/1/50-60
AIR FLOW (L / M)		2 x 3600
VACUUM (MBAR / KPA)		250 /25
WORKING SOUND LEVEL (DB(A))		67
CONTAINER VOLUME (L-MAX)		70
TYPE OF MAIN FILTER		PET
LENGTH X WIDTH X HEIGHT (MM)		580 x 600 x 970
WEIGHT (KG)		30

PUSKA

>>> Compressors and fresh air treatment

Aluminum piston

At www.rodavigo.net

Family: Machine tools

Product: Puska compressors and air treatment



Code	Barcode	Liters	N°	BAR	HP	KW	rpm	I/1'	dB (A)	V/Ph	L	W	H	kg
577AL40300	6250366735	NS 29S	270	2	10	4	3	1.400	514	96	400/3	1.520x590x1.150	157	
577AL55300	6250367635	NS 39	270	2	10	5,5	4	1.000	653	96	400/3	1.520x590x1.150	180	
577AL55300A	6250367835	NS 39	270	2	10	5,5	4	1.000	653	96	400/3	1.520x590x1.150	180	
577AL75500	6250369235	NS-59S	500	2	10	7,5	5,5	1.100	1.023	92	400/3	2.030x680x1.400	290	
577AL75500A	6280369335	NS-59S	500	2	10	7,5	5,5	1.100	1.023	92	400/3	2.030x680x1.400	290	
577AL100500	6250369835	NS-59S	500	2	10	10	7,5	900	1.130	92	400/3	2.030x680x1.400	295	
577AL100500A	6250369935	NS-59S	500	2	10	10	7,5	900	1.130	92	400/3	2.030x680x1.400	295	

Iron piston



10 BAR PRESSURE

Code	Barcode	Liters	N°	BAR	HP	KW	rpm	I/1'	dB (A)	V/Ph	L	W	H	kg
577N550300	6218743535	VE 2	300	1	10	4	3	605	550	78	400	1.750x580x1.240	220	
577N700300	6218742035	VE 2	300	1	10	5,5	4	840	700	78	400	1.750x580x1.240	230	
577N700300A	6218744135	VE 2	300	1	10	5,5	4	840	700	78	400	1.750x580x1.240	233	
577N700500	6218743935	VE 2	500	1	10	5,5	4	840	700	78	400	2.000x680x1.360	290	
577N700500A	6218744235	VE 2	500	1	10	5,5	4	840	700	78	400	2.000x680x1.360	300	
577N9802500	1815120710	VD 15	500	2	10	7,5	5,5	750	980	78	400	1.971x620x1.135	294	
577N9802500A	1815120711	VD 15	500	2	10	7,5	5,5	750	980	78	400	1.971x620x1.135	300	
577N12002500	1815121010	VD 15	500	2	10	10	7,5	890	1.200	78	400	1.971x620x1.135	302	
577N12002500A	1815121011	VD 15	500	2	10	10	7,5	890	1.200	78	400	1.971x620x1.135	306	
577N13002500	6218745835	VD 2	500	2	10	10	7,5	965	1.300	78	400	2.000x680x1.360	370	
577N13002500A	6218746035	VD 2	500	2	10	10	7,5	965	1.300	78	400	2.000x680x1.360	375	
577N17002500A	1815121501	VD 2	500	2	10	15	11	1.200	1.700	80	400	1.971x620x1.135	366	
577S4302300	6218743735	D 2	300	2	15	4	3	640	430	77	400	1.750x580x1.240	228	
577S5302300	6218744335	D 2	300	2	15	5,5	4	780	530	77	400	1.750x580x1.240	237	

Soundproofed piston compressor. Cast iron piston compressor.



Code	Barcode	Liters	N°	BAR	HP	KW	rpm	I/1'	dB (A)	V/Ph	L	W	H	kg
577SILNH550300	6218748835	VE 2	300	1	10	4	3	605	550	68	400/3	1.750x780x1.400	323	
577SILNH700300	6218748935	VE 2	300	1	10	5,5	4	840	700	68	400/3	1.750x780x1.400	333	
577SILNH700300A	6218749035	VE 2	300 _{pos}	1	10	5,5	4	840 _{rpm}	700	68	400/3	1.750x780x1.400	335	
577SILNH9802500A	1815220703	VD 15	500	2	10	7,5	5,5	730	980	68	400/3	2.000x850x1.550	453	
577SILNH12002500A	1815221003	VD 15	500	2	10	10	7,5	890	1.200	68	400/3	2.000x850x1.550	455	
577SILNH13002500A	6218749235	VD 2	500	2	10	10	7,5	965	1.300	68	400/3	2.000x850x1.550	465	
577SILNH17002500A	1815221501	VD 2	500	2	10	15	11	1.200	1.700	69	400/3	2.000x850x1.550	468	



>>> Rotary screw compressors



At www.rodavigo.net Family: Machine tools
Product: Puska compressors and air treatment

PKM Series

ES99 card
(PKM)



PKM Series



PKM BASE VERSION

Code										
		BAR PSI	HP KW	I/1' cfm	dB (A)	V/Hz/Ph	gas	L W H	kg	Liters
577PKM758B	4152002389	8 118	7,5 5,5	750 26,5	65	400/50/3	3/4"	810x650x975	156	-
577PKM7510B	4152002391	10 145	7,5 5,5	630 22,2	65	400/50/3	3/4"	810x650x975	156	-
577PKM108B	4152002392	8 118	10 7,5	1.008 35,6	66	400/50/3	3/4"	810x650x975	167	-
577PKM1010B	4152002326	10 145	10 7,5	920 32,5	66	400/50/3	3/4"	810x650x975	167	-
577PKM1013B	4152002393	13 188	10 7,5	557 19,7	66	400/50/3	3/4"	810x650x975	167	-
577PKM158B	4152002394	8 118	15 11	1.428 50,4	68	400/50/3	3/4"	810x650x975	180	-
577PKM1510B	4152002327	10 145	15 11	1.310 46,3	68	400/50/3	3/4"	810x650x975	180	-
577PKM1513B	4152002395	13 188	15 11	887 31,3	68	400/50/3	3/4"	810x650x975	180	-
577PKM208B	4152002387	8 118	20 15	1.750 61,8	69	400/50/3	3/4"	810x650x975	189	-
577PKM2010B	4152002328	10 145	20 15	1.650 58,3	69	400/50/3	3/4"	810x650x975	189	-
577PKM2013B	4152002390	13 188	20 15	1.190 42,0	69	400/50/3	3/4"	810x650x975	189	-

PKM TANK MOUNTED MODEL

577PKM758500	4152003367	8 118	7,5 5,5	750 26,5	65	400/50/3	1/2"	1.935x620x1.463	281	500
577PKM7510500	4152003368	10 145	7,5 5,5	630 22,2	65	400/50/3	1/2"	1.935x620x1.463	281	500
577PKM108500	4152003394	8 118	10 7,5	1.008 35,6	66	400/50/3	1/2"	1.935x620x1.463	292	500
577PKM1010500	4152002598	10 145	10 7,5	920 32,5	66	400/50/3	1/2"	1.935x620x1.463	292	500
577PKM1013500	4152003395	13 188	10 7,5	557 19,7	66	400/50/3	1/2"	1.935x620x1.463	292	500
577PKM158500	4152003383	8 118	15 11	1.428 50,4	68	400/50/3	1/2"	1.935x620x1.463	305	500
577PKM1510500	4152002599	10 145	15 11	1.310 46,3	68	400/50/3	1/2"	1.935x620x1.463	305	500
577PKM1513500	4152003396	13 188	15 11	887 31,3	68	400/50/3	1/2"	1.935x620x1.463	305	500

PKM TANK MOUNTED MODEL WITH DRYER

577PKM758500S	4152003371	8 118	7,5 5,5	750 26,5	65	400/50/3	1/2"	1.935x620x1.463	309	500
577PKM7510500S	4152003372	10 145	7,5 5,5	630 22,2	65	400/50/3	1/2"	1.935x620x1.463	309	500
577PKM108500S	4152003366	8 118	10 7,5	1.008 35,6	66	400/50/3	1/2"	1.935x620x1.463	335	500
577PKM1010500S	4152002601	10 145	10 7,5	920 32,5	66	400/50/3	1/2"	1.935x620x1.463	335	500
577PKM1013500S	4152003399	13 188	10 7,5	557 19,7	66	400/50/3	1/2"	1.935x620x1.463	335	500
577PKM158500S	4152002807	8 118	15 11	1.428 50,4	68	400/50/3	1/2"	1.935x620x1.463	349	500
577PKM1510500S	4152002602	10 145	15 11	1.310 46,3	68	400/50/3	1/2"	1.935x620x1.463	349	500
577PKM1513500S	4152002351	13 188	15 11	887 31,3	68	400/50/3	1/2"	1.935x620x1.463	349	500
577PKM208500S	4152003401	8 118	20 15	1.750 61,8	69	400/50/3	1/2"	1.935x620x1.463	367	500
577PKM2010500S	4152002603	10 145	20 15	1.650 58,3	69	400/50/3	1/2"	1.935x620x1.463	367	500
577PKM2013500S	4152003381	13 188	20 15	1.190 42,0	69	400/50/3	1/2"	1.935x620x1.463	367	500

AYERBE

>>> Generating sets

At www.rodavigo.net Family: Machine tools
Product: Generating sets-generators

Diesel generators

HAND START



MOTOR YANMAR JAPÓN	Diesel 4 stroke Air cooling, direct injection	YANMAR LN-70 296 cc 6,7 HP / 3.600 r.p.m.		YANMAR LN-100 406 cc 10,0 HP / 3.600 r.p.m.	
		AY - 4000	AY - 6000	AY - 6000	AY - 6500 TX
Code		5315418530	5315418550	5315418550	5315418560
Alternator:		LINZ SP10MF	LINZ E1C 10 MI	LINZ E1C 10 MI	LINZ E1S 10 MG
Puissance max.:		5 KVA / 4.100 W	6,5 KVA / 5.200 W	6,5 KVA / 5.200 W	6,5 KVA // 4 KVA
Puissance nom.:		4,5 KVA / 3.600 W	6 KVA / 4.800 W	6 KVA / 4.800 W	6 KVA // 3 KVA
Tension:		230 V. / 50 Hz.	230 V. / 50 Hz.	230 V. / 50 Hz.	400 V. / 230 V. / 50 Hz.
Consumption:		1,3 L/H (75%)	1,7 L/H (75%)	1,7 L/H (75%)	1,7 L/H (75%)
Tank fuel:		3,5 L	5,5 L	5,5 L	5,5 L
Noise level:		---	---	---	---
Weight:		80 Kg.	110 Kg.	110 Kg.	115 Kg.
Dimensions:		770 x 746 x 625 mm.	950 x 746 x 625 mm.	950 x 746 x 625 mm.	950 x 746 x 625 mm.

ELECTRICAL START



MOTOR YANMAR JAPÓN	Diesel 4 stroke Air cooling, direct injection	YANMAR LN-70 296 cc 6,7 HP / 3.600 r.p.m.		YANMAR LN-100 406 cc 10,0 HP / 3.600 r.p.m.	
		AY - 4000	AY - 6000	AY - 6000	AY - 6500 TX
Code		5315418490	5315418570	5315418570	5315418450
Alternator:		LINZ SP10MF	LINZ E1C 10 MI	LINZ E1C 10 MI	LINZ E1S 10 MG
Puissance max.:		5 KVA / 4.100 W	6,5 KVA / 5.200 W	6,5 KVA / 5.200 W	6,5 KVA // 4 KVA
Puissance nom.:		4,5 KVA / 3.600 W	6 KVA / 4.800 W	6 KVA / 4.800 W	6 KVA // 3 KVA
Tension:		230 V. / 50 Hz.	230 V. / 50 Hz.	230 V. / 50 Hz.	400 V. / 230 V. / 50 Hz.
Consumption:		1,3 L/H (75%)	1,7 L/H (75%)	1,7 L/H (75%)	1,7 L/H (75%)
Tank fuel:		3,5 L	5,5 L	5,5 L	5,5 L
Noise level:		---	---	---	---
Weight:		80 Kg.	110 Kg.	110 Kg.	115 Kg.
Dimensions:		770 x 746 x 625 mm.	950 x 746 x 625 mm.	950 x 746 x 625 mm.	950 x 746 x 625 mm.

SOUNDPROOFED DIESEL GENERATOR



MOTOR	Overhead valves Thermal circuit breaker Oil safety 4 stroke	YANMAR LN-100 387 cc 10 HP / 3.600 r.p.m.		RUGGERINI MD-150 654 cc 12 HP / 3.000 r.p.m.	
		AY - 6000 D INS MN	AY - 6000 D INS TX	AY - 10000 D MN	AY - 10000 D TX
Code		5315418790	5315418793	5315418420	5315418425
Alternator:		LINZ E1C 10MI	LINZ E1s 10MG	LINZ E1C 11M	LINZ E1S 10L
Puissance max.:		6,5 KVA / 5.200 w.	6,5 KVA / 4 KVA	9 KVA / 7.200 W.	10 KVA / 4,5 KVA
Puissance nom.:		6 KVA / 4.800 W	6 KVA / 3 KVA	8,3 KVA / 6.600 W.	8,3 KVA / 3 KVA
Tension:		230 V. / 50 Hz.	400 V. / 230 V.	230 V. / 50 Hz.	400 V. / 230 V.
Consumption:		1,7 L/H (75%)	1,7 L/H (75%)	2,2 L/H (75%)	2,2 L/H (75%)
Tank fuel:		20 L	20 L	30 L	30 L
Noise level:		97 dB	97 dB	99 dB	99 dB
Weight:		189 Kg.	189 Kg.	230 Kg.	230 Kg.
Start:		electric	electric	electric	electric
Dimensions:		906 x 676 x 806 mm.	906 x 676 x 806 mm.	-----	-----

SOUNDPROOFED GAS GENERATOR



MOTOR	Overhead valves Thermal circuit breaker Oil safety 4 stroke	HONDA GX-270 E 272 cc 9 HP / 3.600 r.p.m.		HONDA GX-390 390 cc 13 HP / 3.000 r.p.m.	
		AY - 5000 INS	AY - 4000 AVR INS	AY - 8000 INS	AY - 6000 AVR INS
Code		5025417700	5025417710	5025417720	5315417730
Alternator:		LINZ SP10 MF	LINZ E1S10 MGE	LINZ E1C10 MI	LINZ E1S10 LIE
Puissance max.:		5 KVA / 4.200 w.	4.000 W.	8 KVA / 6.400 W.	5.600 W.
Puissance nom.:		4,8 KVA / 3.850 W	3.200 W.	7 KVA / 6.400 W.	5.000 W.
Tension:		230 V. / 50 Hz.	230 V. / 50 Hz.	230 V. / 50 Hz.	230 V. / 50 Hz.
Consumption:		1,8 L/H (75%)	1,8 L/H (75%)	2,1 L/H (75%)	2,1 L/H (75%)
Tank fuel:		15 L	15 L	15 L	15 L
Noise level:		87 dB	87 dB	87 dB	87 dB
Weight:		137 Kg.	137 Kg.	145 Kg.	145 Kg.
Start:		electric	electric	electric	electric
Dimensions:		990 x 660 x 740 mm.	990 x 660 x 740 mm.	990 x 660 x 740 mm.	990 x 660 x 740 mm.

>>> Mobile pressure washers



Mobile cold water pressure washers - MID RANGE MC 4M

At www.rodavigo.net Family: Machine tools
Product: Nilfisk material



This range is equipped with a professional 1450 rpm motor pump unit with ceramic coated pistons for slightly heavier applications, developed for low to medium intensity use. Turnable electrical cable hook that makes it easy to wind and unwind the electrical cable, reducing the hassle linked to preparation or storage of the machine.

- Innovative holder protects Spray Gun from damage during storage and transport
- External detergent injector system.
- Pump oil tank with oil level sight and fill/empty function
- Easy opening and removing of cabinet for access to the pump

Code

MC 4M-160/620

Code	539107146400
EL CABLE (M)	5
POWER CONSUMPTION (KW)	3
VOLTAGE/PHASE/FREQUENCY/CURRENT (V/~/HZ/A)	230/1/50/13.4
CLEANING IMPACT (KG/FORCE)	2.9
WATER FLOW QMAX/QIEC (L/H)	620/560
PUMP PRESSURE (BAR/MPA)	160/16
PUMP (RPM)	1450
DETERGENT CANISTER (L)	2.5
NOZZLE SIZE	0.0340
CERAMIC COATED PISTONS	3
LENGTH x WIDTH x HEIGHT (MM)	382x382x1017
WEIGHT (KG)	39

Mobile hot water pressure washers - COMPACT MH 3C



The MH 3C offers high cleaning efficiency and low running costs via optimal cleaning and heating performance. It is the ideal hot water unit for general light everyday cleaning in applications such as automotive, craftsmen and light farming.

The versatile MH 3C combines low running costs, high performance, ease of use, best in class mobility and great cleaning efficiency. The innovative design makes it easy to move over all types of surfaces. The Ergo accessory system contributes to even more comfortable use of the machine and assures durability and reliability.

- EcoPower™ boiler with EcoMode function
- EcoPower™ boiler >92% efficiency giving reduced fuel costs
- Brass pump head
- Pressure activated unloader system
- Innovative design with 4 big wheels
- Easy to transport, can even be pushed/pulled across uneven surfaces
- Oil tank and oil sight
- Onboard diagnostics function

Technical characteristics

Code

MH 3C-180/780 PA

Code	539107146892
EL CABLE (M)	5
POWER CONSUMPTION (KW)	5.5
VOLTAGE/PHASE/FREQUENCY/CURRENT (V/~/HZ/A)	220-440/3/60/8
CLEANING IMPACT (KG/FORCE)	3.8
WATER FLOW QMAX/QIEC (L/H)	780/710
PUMP PRESSURE (BAR/MPA)	180/18
PUMP (RPM)	2800
FUEL TANK (L)	15
FUEL CONSUMPTION AT ΔT=45°C (KG/H)	3.2
DETERGENT TANK (L)	10
NOZZLE SIZE	0.0400
STAINLESS STEEL PISTONS	3
LENGTH x WIDTH x HEIGHT (MM)	1010x700x1016

DRILLING MACHINE - MILLING MACHINE BF 20 VARIO

Code 5023338120

Maximum drilling radius 20 mm
Max cutter mill radius
knife holder 63 mm

Max round-end mill radius 16 mm
ist. spindle center to column 185 mm
Morse taper MK 2
Spindle revolutions 180 - 3.200 rpm
Quill travel 42 mm
Table dimensions (L x W) 180 x 500 mm
Z-Axis stroke 380 mm
Y-Axis stroke 175 mm
X-Axis stroke 280 mm

Motor power 230 v / 50 Hz 600 W

Dimensions (L x W x H) 670 x 550 x 860 mm
Net weight 105 kg



MILLING MACHINE - DRILLING MACHINE F 25

Code 5023331250

Drilling capacity in steel 25 mm

Maximum cutter mill radius 76 mm

Maximum round-end mill radius 20 mm

Dist. spindle nose to base 380 mm

Dist. spindle center to column 190 mm

Morse taper mk-3

Drill depth 90 mm

Adjustable head 360°

Base dimensions 585 x 190 mm

X,Y,Z - Base travel 340 x 145 x 340 mm

Dimensions 930 x 950 x 900 mm

Ø Column 92 mm

Engine power 750 w / 400 v

No. of speeds 12/90 - 2.150 r.p.m.

Net weight 170 kg



MILLING MACHINE - DRILLING MACHINE F 30

Code 5023331500

Steel drilling radius 32 mm

Maximum cutter mill radius 76 mm

Maximum round-end mill radius 20 mm

Dist. spindle nose to base 480 mm

Dist. spindle center to column 205 mm

Morse taper mk-3

Drill depth 130 mm

Adjustable head 360°

Base dimensions 730 x 210 mm

X,Y,Z - Base travel 465 x 185 x 430 mm

Dimensions 1.120 x 1.100 x 1.100 mm

Ø Column 115 mm

Engine power 1.500 w / 400 v

No. of speeds 12/90 - 2.150 r.p.m.

Net weight 270 kg



MILLING MACHINE - DRILLING MF 2 VARIO

Code 5023336020

Cast iron/steel drilling radius 18 / 16 mm

Maximum cutter mill radius 76 / 2,5 mm

Maximum round-end mill radius 12 / 6 mm

Dist. spindle nose to base 57 / 463 mm

Dist. spindle center to column 213 / 533 mm

Morse taper ISO 40

Head displacement stroke 320 mm

Adjustable head 360°

Tiltable head 45° - 0-45°

Base dimensions 1.240 x 230 mm

T-slot size 16 mm

X,Y,Z - Base travel 305 x 820 x 340 mm

Engine power 2,0 cv / 1,5 kw

Revolutions per minute 10 - 5.100 r.p.m.

Quill automatic advanc 0,037 / 0,076 / 0,152 m/min

Dimensions 1.480 x 1.680 / 2.150 mm

Net weight 975 kg



MILLING MACHINE - DRILLING MF 4 VARIO

Code 5023336040

Cast iron/steel drilling radius 24 / 20 mm

Maximum cutter mill radius 100 / 3,5 mm

Maximum round-end mill radius 20 / 6 mm

Dist. spindle nose to base 40 / 446 mm

Dist. spindle center to column 200 / 680 mm

Morse taper ISO 40

Head displacement stroke 480 mm

Adjustable head 360°

Tiltable head 45° - 0-45°

Base dimensions 1.370 x 255 mm

T-slot size 16 mm

X,Y,Z - Base travel 400 x 875 x 420 mm

Engine power 3 cv / 2,2 kw

Revolutions per minute 9 - 6.750 r.p.m.

Quill automatic advance 0,04 / 0,08 / 0,15 m/min

Dimensions 1.490 x 1.820 x 2.300 mm

Net weight 1.300 kg



MILLING MACHINE - DRILLING MACHINE UF 100

Code 5023336100

Max. cast iron drilling radius 22 mm

Max. steel drilling radius Ø max. front milling 18 mm

Max. cutter mill radius 85 mm

Vertical distance spindle nose to base 16 mm

Y-axis head stroke 60 - 520 mm

Morse taper Y 630 mm, ISO 40 (DIN 2080, DIN 69871)

Revolutions per minute (9 speeds)

Adjustable head 40 - 1600 min-1

Base travel 360°

9 positions

Base load (max) 18 - 310 mm/min.

Base dimensions (l x w) 350 kg

T-slot size 14mm, distance 63mm 260 x 1.120 mm

X - Base displacement

- Manual Axis -

Y - Base displacement 430 mm

- Automatic Axis

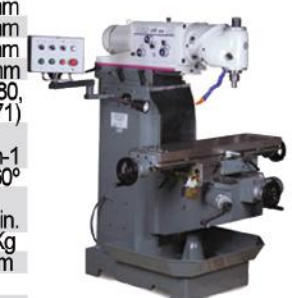
Z - Base displacement 270 mm

- Automatic Axis

Motor power 50 Hz 600 mm

Dimensions (W x H) 2,2kW / 400 V

Net weight 1.655 x 1.325 x 1.730 mm 1.350 kg



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Tools

Tools

Tools are instruments aimed at performing a mechanical task when some kind of force is applied to them. There is a wide variety of tools, such as cutting, clamping, hitting, joining, assembling or measuring tools.

Categories of Tools

 <p>Automotive Machines and tools for automotive are designed for industrial applications related to the automotive sector.</p>	 <p>Dynamometric Dynamometric tools incorporate a force or weight measurement system that allows them to be used with the utmost precision...</p>	 <p>Electricity - electronics Machines and tools for electricity and electronics allow to build, disassemble, weld, hold or measure components that em...</p>
 <p>Hammers - impact tool Hammers and impact tools use the force produced by impact to produce deformations or to cause another object to be intro...</p>	 <p>Hydraulic tools Hydraulic tool is a device that uses non-compressible liquids to transfer energy from one area to another.</p>	 <p>Impact tools Impact tool is designed for applications in which a pressure is exerted that causes a twisting movement in the tool itse...</p>
 <p>Insulated - safety Insulated and safety tools are used in jobs where the operator is exposed to electrical equipment and circuits. They are...</p>	 <p>Machinery Machinery is a system composed of several machines that work for the same purpose.</p>	 <p>Magnetic equipment Magnetic equipment produces a force of attraction or repulsion on other materials due to the properties of its component...</p>
 <p>Manual tools Manual tool is usually used for construction and repair work that requires simple execution with low energy use.</p>	 <p>Metrology - measurement - marking out Metrology, measurement and marking out are composed of instruments that serve to study the magnitudes in an application ...</p>	 <p>Non sparking tools Non-sparking tool is ideal for use in environments where a friction spark could cause an explosion, such as in atmospher...</p>
 <p>Personal equipments - maintenance Personal and maintenance equipment is composed of elements whose function is the conservation of industrial components. ...</p>	 <p>Pneumatic tools Pneumatic tool uses compressed air as a form of energy transmission. Generally, they offer more torque and power than el...</p>	 <p>Power tools Power tool is one that needs electricity to work. It usually depends on an engine that, in turn, has a speed regulator.</p>
 <p>Sawing - drilling - cutting Sawing, drilling and cutting group machines and tools for the extraction or drilling of material.</p>	 <p>Toolboxes - cases - chests - roller cabinets Toolboxes, cases, chests and roller cabinets are used to group all kinds of tools into different formats, quantities and...</p>	 <p>Workshop equipments Workshop equipment consists of elements for storage, repair, assembly or accessibility.</p>