



MACHINE TOOLS

Flexible Manufacturing System (FMS)



Ultra Clean Room



Tridimensional



R & D



ROMI MANUFACTURING TECHNOLOGY

ROMI: Producing high quality technology since 1930.

Since the beginning, Romi has been recognized for its focus on creating products and innovative solutions which has guaranteed its technological leadership among large manufacturers of machine tools. Romi's industrial complex is among the most modern and productive sites in the fields of machine tools, plastic processing machines, and high quality cast iron parts.

Continuous investments in Research & Development result in products with state-of-the-art technology.

The technology applied to Romi machines offers highly reliable products, with high accuracy, efficiency and great flexibility for several types of machining processes. Romi R&D is focused on increasing competitiveness for its customers.

Present throughout Brazil and in over 60 countries.

Romi covers all domestic territory through its sale subsidiaries network fully prepared to support customers by supplying an extensive range of services from marketing to after sales assistance.

The international market is covered by Romi's subsidiaries which are located in the United States, Mexico, Europe, and by its many dealers located in strategic logistic centers around the globe that are capable of serving customers in 5 continents.



ROMI PRE-SALES AND POST-SALES TECHNICAL SUPPORT

Romi is always there for its customers.

Romi has a team of highly trained technical specialists prepared to offer state-of-the-art customer support services, such as pre-sales and post-sales technical support, training, specialized technical assistance, and original

spare parts that are guaranteed by the manufacturers. Romi has technical service phone support via Romi Integral Assistance (RAI) and experienced personnel ready to quickly and effectively answer programming and operation questions through the Integrated Customer Service System (SIAC).



Spare parts



Training



Specialized technical assistance

Productivity, robustness, torque and accuracy for machining in low and high production environments.

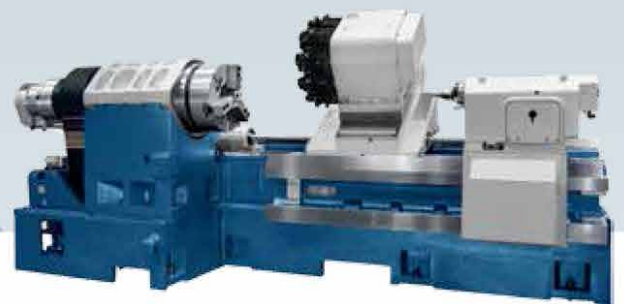


ROMI G 550 / G 550 M

Turning Centers

The ROMI G 550 and G 550M (with live tooling) are equipped with a FANUC CNC controller. These machines have high productivity, robustness, and torque, all while maintaining accuracy needed for machining in low and high production environments. The robust structure, with monoblock bed, has a longitudinal and transversal carriage that is supported on hardened and straight guides. These make the G500 Series ideal for machining larger scale parts.

The ROMI G550 M comes fully equipped with live tooling, making it capable of performing drilling and milling operations, which allows the complete machining of a part in a single machine.



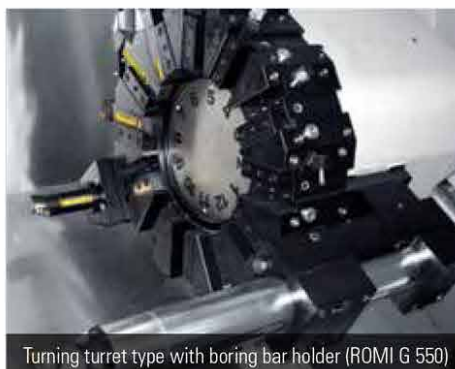
ROMI G 550



ROMI G 550 M



Milling turret type, BMT-75 disc (ROMI G 550M)



Turning turret type with boring bar holder (ROMI G 550)



Hydraulic steady rest

Technology, reliability and productivity for machining of pieces up to Ø 700 mm (27.5 in).

The ROMI VTL vertical turning centers, equipped with a SIEMENS CNC controller, is designed for operating in low and high production environments, allowing a significant increasing of productivity in machining process for a variety of chuck parts. R (right) and L (left) versions of the ROMI VTL allow it to be easily incorporated into a machining cell, alongside integrated robots or other automation systems.

This series has the option of live tooling being added to allow drilling and milling operations.



ROMI VTL SERIES

Vertical Turning Centers



ROMI VTL 500R structure



Turning turret type servodrive for 12 fixed tools



Milling turret type servodrive for 12 fixed or driven tools BMT-65



ROMI VTL 500L | ROMI VTL 500R | ROMI VTL 500ML | ROMI VTL 500MR | ROMI VTL 700L | ROMI VTL 700R | ROMI VTL 700ML | ROMI VTL 700MR

Productivity and high accuracy for machining in low and high production environments.



ROMI GL 350B / ROMI GL 350Y

Equipped with 12 station turret with live tooling & Y axis. A single machine is capable of turning, milling, drilling, and tapping. Furthermore, the ROMI GL 350B is equipped with a spindle on the left and right (B axis), providing more effective machining and significant increases in productivity.

ROMI GL SERIES

Turning Centers

The turning centers from the ROMI GL series, equipped with a FANUC CNC controller, are designed to operate in both low and high production environments. Features like Y-axis and live tooling allow a significant increasing of productivity.

It can be equipped with a wide range of options to fit the needs of the machine perfectly. Some of these options include: bar feeders, tool setters, automated systems for loading and unloading parts, and many more.





Right headstock (ROMI GL 350B)



Parts catcher and tool setter



Hydraulic steady rest



ROMI GL 170G | ROMI GL 240 | ROMI GL 240M | ROMI GL 280 | ROMI GL 280M | ROMI GL 350 | ROMI GL 350M | ROMI GL 350Y | ROMI GL 350B | ROMI GL 400 | ROMI GL 400M

FANUC CNC Series 0i-F

- High Speed, Precision and Supreme Finishing Quality on machining through the use of AI CONTOUR CONTROL and NANO INTERPOLATION.

- FANUC PICTURE for easing HMI Customization.

- PLC Memory up to 100K Steps 1Mb [Type 1] with live I/O status monitoring directly on CNC screen.

- Oriented for Lathes and Machining Centers up to 11 control axes and Dual Path.

- Oriented for Lathes and Machining Centers up to 9 control axes on a Single Path.

- Standard Ethernet 100 Mbps for CNC and PC data exchange and Machine status monitoring.

Rua Otaviano Alves de Lima, 1536
Limão - São Paulo - SP - CEP 02501-000

0800-77FANUC (0800-7732682) - Sem custo
www.fanucamerica.com

FANUC
SOUTH AMERICA



A complete line of CNC lathes for various fields of manufacturing, with parts up to Ø 2,5820 mm (Ø 101 in).



The Heavy-Duty ROMI C Series, equipped with a SIEMENS CNC controller, are machines with high flexibility and productivity, with an optimal level of power. Along with its torque, accuracy and stability for large parts, it can machine parts such as the ones seen in fields like: oil & gas, ethanol, shipbuilding, energy/power generation, mining, and other many other industries. They can be customized according to the machining requirements which they will be applied.

ROMI C SERIES

CNC Lathes and Heavy-Duty CNC Lathes

The ROMI C Series, with a SIEMENS CNC controller, has a wide range of machining models that offer: power, robustness and flexibility. This allows for multiple applications with several configurations of headstocks and tool holders.



U-type steady rest



Hydraulic tailstock



4 station electric turret



ROMI C 420
ROMI C 1290H



ROMI C 510
ROMI C 1300H



ROMI C 620
ROMI C 1600H



ROMI C 680
ROMI C 1800H



ROMI C 830
ROMI C 2100H



ROMI C 1000
ROMI C 2200H



ROMI C 1100H
ROMI C 2600H



Electric turret with Y axis



Boring bar holder



Milling headstock with Y axis



PROVEN EXPERIENCE & TRUSTED RESULTS

In Seco, everything is in constantly changing. In these 80 years of experience, we always believe in the continuity of research and development for all the more than 30,000 products that we have in the market. Our goal is address the needs and increase productivity and profitability of our customers.

EXPAND YOUR POSSIBILITIES. YOUR SUCCESS STARTS HERE.



MY PAGES
YOUR DIGITAL PORTAL
TO EVERYTHING SECO.
MYPAGES.SECOTOOLS.COM

SECO

Engine lathes for tooling, production, maintenance and educational uses.



ROMI T Series machines are carefully designed to provide a full range of safety to the operator, in compliance with ISO 23125 safety standards.

They are safe, versatile and reliable machines; great for many types of applications.

ROMI T / ES-40 SERIES

Engine Lathes



Lead screw protection



Steady rests



Operator protection



Carriage



ROMI T 240



ROMI T 350



ROMI T 500



ROMI ES-40



ROMI ES-40A



ROMI ES-40B

Capacity for turning parts up to $\varnothing 8,000$ mm ($\varnothing 315$ in) and 90 tons (198,000 lbs).

The heavy-duty vertical turning centers from ROMI VT Series, equipped with a SIEMENS CNC controller, have a robust mechanical structure, offering high rigidity, stability and flexibility. It can machine larger scale parts such as the ones seen in fields like: oil & gas, ethanol, shipbuilding, energy/power generation, mining, and other many other industries. They can be customized according to the machining requirements which will be applied.



ROMI VT SERIES

Heavy-Duty Vertical CNC Lathes



ROMI VT 1400



ROMI VT 2000



ROMI VT 2500



ROMI VT 3000



ROMI VT 5000



ROMI VT 6000

Flexibility and productivity for milling, drilling and tapping operations.

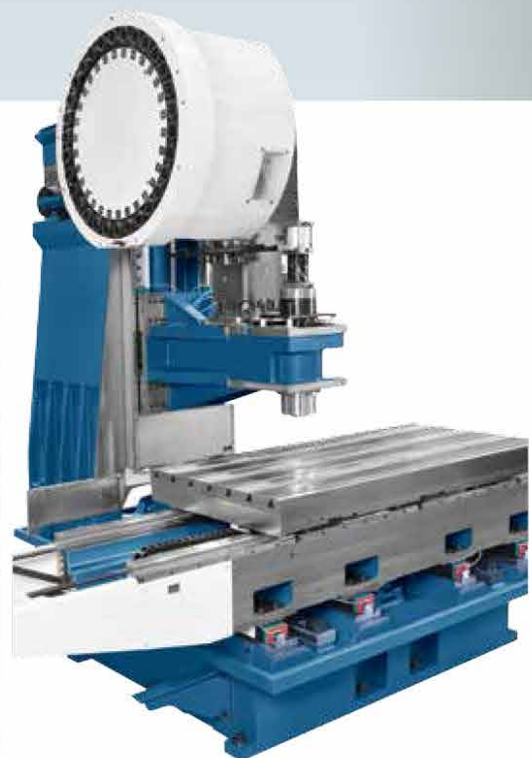


ROMI D SERIES

Vertical Machining Centers

The ROMI D Series, equipped with a FANUC or SIEMENS CNC controller, are flexible machines, built for multiple machining applications in production and tooling environments.

The variety of models, with speeds up to 15,000 rpm and Y axis between 600 mm and 1,530 mm, for proper applications with several types of parts and materials. They can be equipped with a number of options: rotary table (4th axis), probe system, through-spindle high pressure coolant system, among others.



ROMI D 1250 Structure



Automatic tool changer with 30 tools capacity



High accuracy ballscrews and linear guides



ROMI MGR rotary table (full 4th-axis)



ROMI D 600



ROMI D 800



ROMI 1000



ROMI D 1000AP



ROMI D 1250



ROMI D 1500

SIEMENS

SINUMERIK 828D

Compact, strong and simple... Simply perfect!



The SINUMERIK 828D sets a new standard in the compact CNC class. High computational precision 80-bit NANO[®] (thousandth of nanometer). Advanced Surface – shortens cycle time and improves surface quality and finish.

High Definition Color screen 10,4". USB, CF Card and Ethernet interface available on the front of the CNC, easy access and no necessity of adapters. It is integrated with the high performance drives SINAMICS S120.

Easy to program with cycle support through the programGUIDE, and also with the incomparable conversational programming Shop Mill and Shop Turn. The SINUMERIK Operate is extremely user friendly.

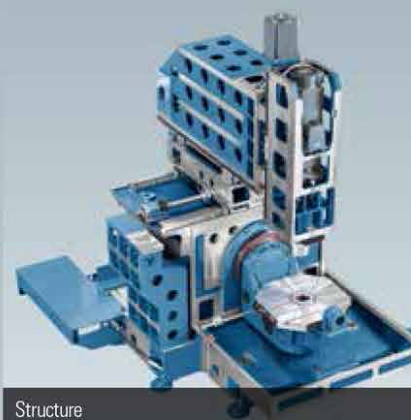
siemens.com/sinumerik
siemens.com.br/cnc4you

High quality technology with several different options geometrically, more efficient machining strategy, and increased productivity.



Tilting Rotary Table

Provides rigidity and ensures high precision for simultaneous machining with 5-axis, obtaining extremely accurate, highly complex components.



Structure



Probe system



Tilting rotary table

ROMI DCM 620 SERIES

Vertical Machining Centers - 5-axis / 5-sided

ROMI DCM 620 Series, equipped with a SIEMENS CNC controller, consists of advanced vertical machining center with 5-axis / 5-sided, designed for machining parts with both simple and complex geometric details at high speeds. The machining configuration with 5-axis simultaneous or 5-sided allows machining of complex parts in a single setup. This will significantly reduce machining time and increase efficiency, precision, and productivity.



ROMI DCM 620-5X



ROMI DCM 620-5F



worknc

edgecam **visi**

Mold and die machining

WorkNC CAM software is the premier automatic CNC software for surface or solid models.

www.ska.com.br

SKA



Flexibility for machining long and heavy parts with high geometric precision.

ROMI DCM 3000, equipped with a SIEMENS CNC controller, is intended for machining long parts with high accuracy across the entire part due to the concept of the fixed table. It allows work to be done in two distinct areas of the table (swinging mode) on each side of a metal partition that shall be installed on the center of the stroke of the X-axis. With the addition of this partition, you can load and unload parts in the areas separately, while the other side is performing a machining operation for a significant increase in productivity.

Moving Column Vertical Machining Center

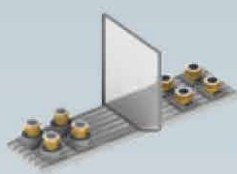
ROMI DCM 3000



Heavy and large parts machining



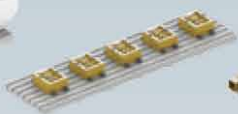
Pendular mode, with fixed part and rotary table



Pendular mode, enabling parts loading and unloading while the machining is in progress



Long parts machining with rotary table and rotary bearing



Various parts machining



Long parts machining

ROMI DCM 560DP

Drilling and Tapping Center

ROMI DCM 560DP, equipped with a SIEMENS CNC controller, offers high productivity for machining parts, mainly with holes and taps, in high production environments. The automatic pallet changer offers a reduction of down time, resulting in a shorter machining time.



THE WORLD'S #1
CAM SOFTWARE COMPANY

Vero Software is a world leader in CAD CAM software with a proven track record of reliable product delivery. Vero provides solutions for the tooling, production engineering, and sheet metal industries with unparalleled ease of use and sophisticated toolpath generation.

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PART OF
HEXAGON

High quality technology with several different options geometrically, more efficient machining strategies, and increased productivity.

ROMI PH Series with a SIEMENS CNC controller, has increased productivity with milling, drilling and tapping operations, in low and high production environments. The automatic pallet changer decreases downtime, resulting in a shorter machining time. This also creates easy access for the user to the part loading and unloading areas, and a quick setup of the clamping system.



| ROMI PH 400 | ROMI PH 630

Horizontal Machining Centers

ROMI PH SERIES

Technology, reliability, and productivity for machining large parts.



Peripheral protection with security system according to international standards

ROMI Lazzati HBM 130T, equipped with a SIEMENS CNC controller, shows a high capacity for chip removal, flexibility, accuracy and productivity on milling, drilling and tapping of large size parts, used in fields such as: oil & gas, ethanol, naval, energy/power generation, and other industries.



CNC BORING

ROMI LAZZATI HBM 130T



Pumps and valves



Machines and equipment in general



Power industry, oil & gas equipments



Large engines

Premium Quality Machining Centers

BURKHARDT+WEBER (B+W) has been producing machine tools in Southern Germany since 1888. B+W machines are made under the promise of respecting the environment and saving energy. They manufacture strong, customized machines that are in compliance with all of the latest standards.

Building efficient and highly precise machining centers to make it possible to work on pieces of steel and casting up to a 20 ton (40,000 lbs) load capacity. In addition, B+W develops and produces fully automated manufacturing systems for production areas that require minimal operator input in fields such as: general engineering, driving technology, power generation parts, wood and plastic processing machines, hydraulics/compressors, diesel engines and systems, commercial vehicles, rolling mills and mining, machine tools, and many others.

www.burkhardt-weber.de



The combination of BURKHARDT + WEBER with Romi has strengthened both companies. Romi has added BURKHARDT + WEBER's product line to its machine tools product range in order to better supply premium machines produced in Germany to the customers of North, Central and South Americas.

ROMI & BURKHARDT+WEBER

Technology and tradition for high performance machine tools manufacturing





Engine Lathes

		ROMI T 240	ROMI T 350	ROMI T 500
Distance between centers	m (in)	0.5 / 1.0 (20 / 40)	1.5 (59)	2.25 / 3.25 (89.5 / 128)
Swing over bed	mm (in)	445 (17)	520 (20)	660 (26)
Spindle nose	ASA	L0	L0	L0
Speed range	rpm	45 ~ 2,240	40 ~ 2,000	35 ~ 1,800
Power	hp / kW	7.5 / 5.5	7.5 / 5.5	7.5 / 5.5



Engine Lathes

		ROMI ES-40	ROMI ES-40A	ROMI ES-40B
Distance between centers	m (in)	1.5 / 2.0 (59 / 79)	2.0 / 3.0 (79 / 118)	3.0 / 4.0 / 5.0 (118 / 157 / 197)
Swing over bed	mm (in)	510 (20)	650 (25)	815 (32)
Spindle nose	ASA	L1	L1	L1
Speed range	rpm	32 ~ 2,360	23 ~ 1,700	16 ~ 1,180
Power	hp / kW	15 / 11	15 / 11	15 / 11



CNC Lathes

		ROMI C 420	ROMI C 510	ROMI C 620
Distance between center	m (in)	1.0 (40)	1.5 (59)	1.0 / 2.0 (40 / 79)
Swing over bed	mm (in)	430 (17)	520 (20)	620 (24)
Swing nose	ASA	A2-5"	A2-6" A2-8"	A2-8"
Speed range	rpm	4 ~ 4,000	3 ~ 3,000 2 ~ 2,200	1 ~ 1,800
Power	hp / kW	10 / 7.5	15 / 11	25 / 18.5



		ROMI C 680	ROMI C 830
Distance between centers	m (in)	2.0 / 3.0 (79 / 118)	3.0 / 5.0 (118 / 197)
Swing over bed	mm (in)	680 (27)	850 (33)
Spindle nose	ASA	A2-8"	A2-11" A2-15"
Speed range	rpm	1 ~ 450 (range 1) 1 ~ 1,800 (range 2)	1 ~ 250 (range 1) 1 ~ 1,000 (range 2)
Power	hp / kW	40 / 30	40 / 30



		ROMI C 1000	ROMI C 1000BB
Distance between centers	m (in)	3.0 / 5.0 (118 / 197)	3.0 (118)
Swing over bed	mm (in)	1,000 (40)	1,000 (40)
Spindle nose	ASA	A2-20"	A2-20"
Speed range	rpm	1 ~ 125 (range 1) 1 ~ 500 (range 2)	1 ~ 125 (range 1) 1 ~ 400 (range 2)
Power	hp / kW	40 / 30	40 / 30



Heavy-Duty CNC Lathes

		ROMI C 1100H	ROMI C 1290H	ROMI C 1300H / C 1600H
Distance between centers	m (in)	2.0 / 3.5 / 5.0 / 6.5 / 8.0 / 9.5 (79 / 138 / 197 / 256 / 315 / 374)	3.5 / 5.0 (138 / 197)	3.5 / 5.0 / 6.5 / 8.0 / 9.5 / 11 / 12.5 (138 / 197 / 256 / 315 / 374 / 433 / 492)
Swing over bed	mm (in)	1,110 (43)	1,330 (52)	1,300 (51) 1,600 (63)
Spindle nose	ASA	A2-20"	A2-20"	A2-20" A2-20"
Speed range	rpm	1 ~ 500	1 ~ 500	1 ~ 500 1 ~ 500
Max. admissible weight between centers at 50 rpm	kg (lbs)	15,000 (33,000)	15,000 (33,000)	15,000 (33,000) 22,000 (48,000)
Power	hp / kW	72 / 53	72 / 53	114 84



		ROMI C 1300HBB	ROMI C 1800H / C 2100H	ROMI C 2200H / C 2600H
Distance between centers	m (in)	3.5 / 5.0 (138 / 197)	4 / 5.5 / 7 / 8.5 / 10 (157 / 216 / 275 / 334 / 393)	4 / 6 / 8 / 10 / 12 (157 / 236 / 315 / 393 / 472)
Swing over bed	mm (in)	1,300 (51)	1,800 (71) 2,150 (85)	2,210 (87) 2,580 (101)
Spindle nose	ASA	Flat Nose	A2-20"	A2-20"
Speed range	rpm	1 ~ 350	1 ~ 500 1 ~ 300	1 ~ 500 1 ~ 300
Max. admissible weight between centers at 50 rpm	kg (lbs)	15,000 (33,000)	30,000 (66,000)	50,000 (110,000)
Power	hp / kW	114	114 84	155 114



Extra Heavy-Duty CNC Lathes

		ROMI UTR 800	ROMI UT 1000	ROMI UT 1500	ROMI UT 1700	ROMI UT 2000
Distance between centers	m (in)	3.5 / 5 (138 / 197)	4 / 5.5 / 7 / 8.5 / 10 (157 / 216 / 275 / 334 / 393)	4 / 6 / 8 / 10 / 12 (157 / 236 / 315 / 393 / 472)	8 / 10 / 12 (315 / 393 / 472)	8 / 10 / 12 (315 / 393 / 472)
Swing over bed	mm (in)	1,200 (47)	1,060 (42)	1,500 (59)	1,700 (67)	2,020 (80)
Max. admissible weight between centers at 50 rpm	kg (lbs)	22,000 (48,000)	30,000 (66,000)	50,000 (110,000)	40,000 (88,000)	100,000 (220,000)
Spindle nose	ASA	A2-20"	Especial	Especial	Especial	Especial
Speed range	rpm	1 ~ 500	1 ~ 300	1 ~ 300	1 ~ 188 / 1 ~ 300	1 ~ 188 / 1 ~ 300
Power	hp / kW	114 / 84	100 / 75	200 / 150	200 / 150	300 / 220



Heavy-Duty Vertical CNC Lathes

		ROMI VT 1400M	ROMI VT 2000M	ROMI VT 2500M	ROMI VT 3000M	ROMI VT 4000M	ROMI VT 5000	ROMI VT 6000
Maximum cutting diameter	mm (in)	1,600 (63)	2,100 (83)	2,700 (106)	3,400 (134)	4,500 (177)	7,000 (276)	7,000 / 8,000* (276 / 315*)
Maximum permissible diameter	mm (in)	1,600 (63)	2,100 (83)	2,800 (110)	3,400 (134)	4,500 (177)	7,000 (276)	7,000 / 8,000* (276 / 315*)
Maximum cutting height with RAM	mm (in)	1,500 (59)	1,500 (59)	2,100 (83)	2,100 (83)	1,000 (39)	4,000 (157)	4,000 (157)
Chuck diameter	mm (in)	1,400 (55)	2,000 (79)	2,500 (98)	3,000 (118)	4,000 (157)	5,000 (197)	6,000 (236)
Low speed range	rpm	1 a 88	1 a 100	1 a 60	1 a 60	1 a 30	1 a 25	1 a 25
High speed range	rpm	1 a 400	1 a 250	1 a 180	1 a 155	1 a 80	1 a 50	1 a 50
Max. weight allowed on chuck	kg (lbs)	10,000 (22,100)	15,000 (33,100)	25,000 (55,100)	25,000 (55,100)	15,000 (33,100)	90,000 (198,400)	90,000 (198,400)
Driven tool (cont.)	hp / kW	42 / 31	42 / 31	42 / 31	42 / 31	42 / 31	42 / 31	42 / 31
Main motor(cont.)	hp / kW	2x42 / 2x31	2x42 / 2x31	2x42 / 2x31	2x42 / 2x31	2x42 / 2x31	2x72 / 2x54	2x72 / 2x54

(*)Optional under request

2nd RAM*
Tailstock
function*

2nd RAM*
Tailstock
function*

Turning Centers

		ROMI GL 170G	ROMI GL 240 / GL 240M	ROMI GL 280 / GL 280M	ROMI GL 350 / GL 350M
Maximum cutting diameter	mm (in)	170 (7)	300 / 260 (12 / 10)	340 / 280 (13 / 11)	400 / 390 (16 / 15)
Maximum cutting length	mm (in)	-	400 (16)	540 (21)	1,140 (45)
Spindle nose	ASA	A2-5"	A2-5" / A2-6"	A2-6" / A2-8"	A2-6" / A2-8"
Speed range	rpm	6 ~ 6,000	6 ~ 6,000 / 4 ~ 4,500	4 ~ 4,500 / 3 ~ 3,500	4 ~ 4,500 / 3 ~ 3,500
Power	hp / kW	15 / 11	20 / 15	25 / 18.5	25 / 18.5

ROMI GL 350Y ROMI GL 350B ROMI GL 400 / GL 400M

Maximum cutting diameter	mm (in)	350 (14)	350 (14)	400 (16)
Maximum cutting length	mm (in)	740 (29)	740 (29)	1,140 (45)
Spindle nose (left headstock)	ASA	A2-6" / A2-8"	A2-6" / A2-8"	A2-8"
Speed range (left headstock)	rpm	5 ~ 5,000 / 4 ~ 4,000	5 ~ 5,000 / 4 ~ 4,000	3 ~ 3,000 / 2 ~ 2,500
Power (left headstock)	hp / kW	33 / 25	33 / 25	30 / 22
Spindle nose (right headstock)	ASA	-	A2-5"	-
Speed range (right headstock)	rpm	-	6 ~ 6,000	-
Power (right headstock)	hp / kW	-	29 / 22	-

Turning Centers ROMI G 550 / G 550M

Maximum cutting diameter	mm (in)	550 / 530 (22 / 21)
Maximum cutting length	mm (in)	1,300 (51)
Spindle nose	ASA	A2-8"
Speed range	rpm	2 ~ 2,500
Power	hp / kW	50 / 37

Vertical Machining Centers ROMI D 600 ROMI D 800 ROMI D 1000 ROMI D 1000AP

Spindle taper	ISO	40	40	40	40
Table longitudinal travel (X-axis)	mm (in)	600 (24)	800 (31)	1,020 (40)	1,020 (40)
Table traverse travel (Y-axis)	mm (in)	530 (21)	530 (21)	610 (24)	610 (24)
Headstock travel (Z-axis)	mm (in)	580 (23)	580 (23)	640 (25)	640 (25)
Speed range	rpm	8 ~ 8,000 / 10 ~ 10,000	8 ~ 8,000 / 10 ~ 10,000	8 ~ 8,000 / 10 ~ 10,000	15 ~ 15,000
Power	hp / kW	20 / 15	20 / 15	25 / 18.5	25 / 18.5

ROMI D 1250 ROMI D 1500

Spindle taper	ISO	40	40 / 50
Table longitudinal travel (X-axis)	mm (in)	1,270 (50)	1,530 (60)
Table traverse travel (Y-axis)	mm (in)	610 (24)	760 (30)
Headstock travel (Z-axis)	mm (in)	640 (25)	760 (30)
Speed range	rpm	8 ~ 8,000 / 10 ~ 10,000	8 ~ 8,000 / 10 ~ 10,000 / 12 ~ 12,000
Power	hp / kW	25 / 18.5	30 / 22

Vertical Turning Centers ROMI VTL 500R / L ROMI VTL 500MR / ML ROMI VTL 700R / L ROMI VTL 700MR / ML

Max. cutting diameter	mm (in)	500 (20)	700 (28)
Max. admissible diameter	mm (in)	620 (24)	700 (28)
Max. cutting height	mm (in)	668 / 620 (26 / 24)	627 / 635 (25 / 25)
Max. admissible height	mm (in)	668 / 620 (26 / 24)	627 / 635 (25 / 25)
Spindle nose	ASA	A2-8"	A2-11"
Speed range	rpm	2 ~ 2,500	2 ~ 2,000
Power	hp / kW	28 / 21	46 / 34

Vertical Machining Center - 5-axis / 5-sided ROMI DCM 620-5X ROMI DCM 620-5F

Spindle taper	ISO	40	40
X-axis travel	mm (in)	620 (24)	620 (24)
Y-axis travel	mm (in)	520 (20)	520 (20)
Z-axis travel	mm (in)	460 (18)	460 (18)
Speed range	rpm	12,000	10,000
Power	hp / kW	24 / 18	24 / 18

Horizontal Machining Centers ROMI PH 400 ROMI PH 630

Spindle taper	ISO	40	50
Column travel (X-axis)	mm (in)	630 (25)	1,050 (41)
Headstock travel (Y-axis)	mm (in)	630 (25)	900 (35)
Table travel (Z-axis)	mm (in)	630 (25)	1,000 (39)
Speed range	rpm	10 ~ 10,000	6 ~ 6,000 (ZF gearbox)
Power	hp / kW	30 / 22	46 / 34.5

Drilling and Tapping Center ROMI DCM 560DP

Spindle taper	ISO	40
X-axis travel	mm (in)	560 (22)
Y-axis travel	mm (in)	400 (16)
Z-axis travel	mm (in)	400 (16)
Speed range	rpm	15,000
Power	hp / kW	15 / 11

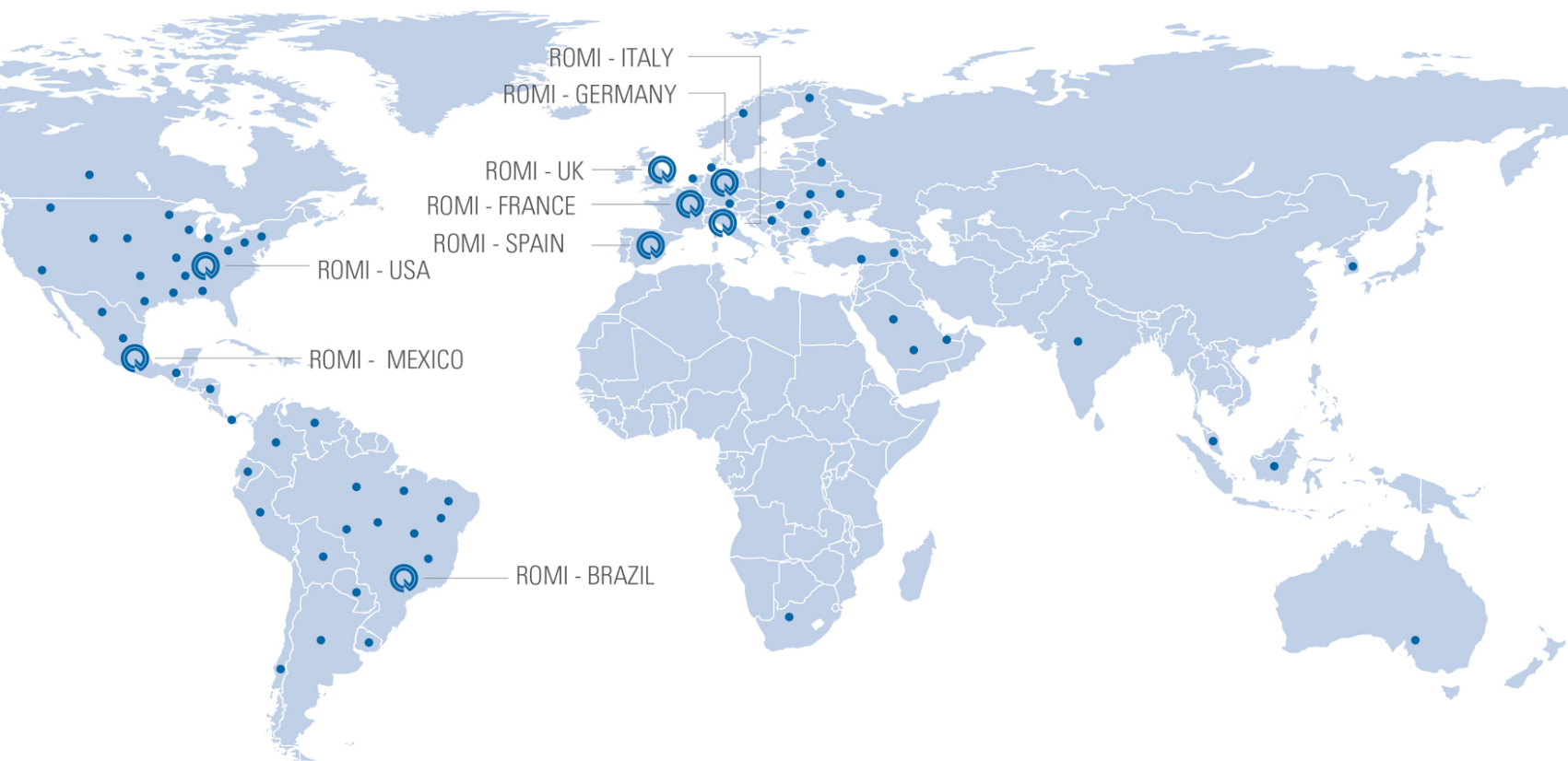
Moving Column Vertical Machining Center ROMI DCM 3000

Spindle taper	ISO	40
X-axis travel	mm (in)	3,000 (118)
Y-axis travel	mm (in)	840 (33)
Z-axis travel	mm (in)	600 (24)
Speed range	rpm	10 ~ 10,000
Power	hp / kW	30 / 22

Boring Machine HBM 130T

Spindle taper	ISO	50
Quill diameter	mm (in)	130 (5)
Headstock vertical travel (Y-axis)	mm (in)	2,000 (79)
Table travel (X-axis)	mm (in)	4,000 (157)
Column longitudinal travel (Z-axis)	mm (in)	1,800 (71)
Quill travel (W-axis)	mm (in)	800 (31)
Speed range	rpm	5 ~ 3,000
Power	hp / kW	79 / 58

WORLDWIDE PRESENCE



Brazil



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ISO 9001:2008
Certificate No. 31120



ISO 14001:2004
Certificate No. 70671

Specifications subject to change without notice.
Check availability and technical characteristics of the products to your country.