



MACHINE TOOLS

www.romi.com



A complete line of CNC lathes for various manufacturing segments, for parts up to Ø 2.580 mm (Ø 101 in).

Heavy Duty ROMI C Series Lathes are extremely robust machines for heavy machining, offering excellent efficiency and productivity. Suitable for machining large components from various industries such as Energy Power Generation, Oil & Gas, Mining and Naval.

ROMI C SERIES

Light and Heavy-Duty CNC Lathes



| ROMI C 420

| ROMI C 510

| ROMI C 620

| ROMI C 680

| ROMI C 830

| ROMI C 1000

| ROMI C 1100H

| ROMI C 1290H

| ROMI C 1300H

| ROMI C 1600H

| ROMI C 1800H

| ROMI C 2100H

| ROMI C 2200H

| ROMI C 2600H

ROMI C Series range of different models that offer power, strength and flexibility for multiple applications with several configurations of headstocks and tool holding.



New CNC for ROMI C 420, C 510, C 620, C 680, C 830 and C 1000.

CNC Siemens 828D, with high technology, which brings benefits as new programming and program simulation features with graphical interfaces, providing greater ease, speed, and productivity to the user.



Technology, reliability, and high productivity for machining chucking parts up to Ø 700 mm (Ø 28 in).



ROMI VTL Series was designed to operate in medium and high production facilities, offering high torque, dimensional precision, and efficiency. With a robust design, they are ideal for machining at maximum power, providing strength, stability and the versatile machining processes of various types of chucking parts.

Vertical Turning Centers

ROMI VTL SERIES



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

Tool-up your new machine with Sandvik Coromant kits

A new machine is always a big investment, and a quick return is always welcome. Sandvik Coromant has now 66 combinations of tool and inserts kits for turning centers and machine centers.

Make sure you get yours and start machining soon.

www.sandvik.coromant.com/startuptoolkits



ROMI GL Series aggregate productivity and effective solutions for the machining processes.

High speed, precision, and rigidity for turning parts with up to Ø 400 mm (Ø 16 in) and length of up to 1.000 mm (39 in).



ROMI GL 350B
video

ROMI GL SERIES

Turning Centers

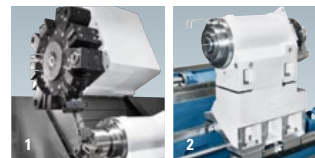
Designed to operate in medium and high production environments, with high efficiency and productivity. It is ideal for machining at full power, due to its robustness, high power and torque. It offers thermal and geometric stability, ensuring precision, high performance and maximum productivity.

ROMI GL 350B / ROMI GL 350Y

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



- 1 12 station turret with live tools BMT-65 disc and Y axis.
- 2 Built-in right spindle (B axis), supported on linear guides and driven by servo motor and ball screw.



| 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

Robust design for machining at full power, with high accelerations, rigidity, and precision machining.

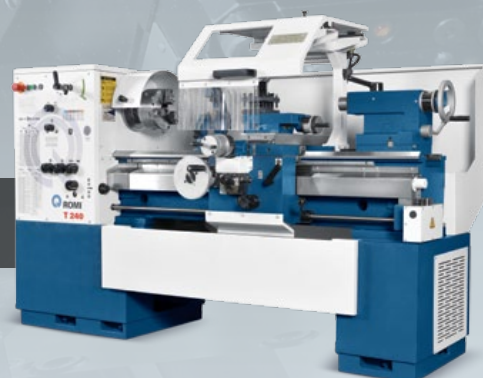


Turning Centers

ROMI G 550 / G 550M



Available for Brazilian Market



Universal lathes for tooling, production, maintenance, and training.

| ROMI ES-40 | ROMI ES-40A | ROMI ES-40B

| ROMI T 240 | ROMI T 350 | ROMI T 500

Universal Lathes

ROMI T / ES-40 SERIES



CNC Series 0i-D

With over 700,000 systems installed, the Series 0i-D is the world's most popular CNC model. The latest, most powerful Series 0i-D is designed for standard commodity machines that demand the ultimate in reliability, performance, connectivity and safety.

MH Robots

We offer an extensive lineup of industrial part transfer robots.

These robots are equipped with iRVision, capable of high speed transfer in a well-optimized system.

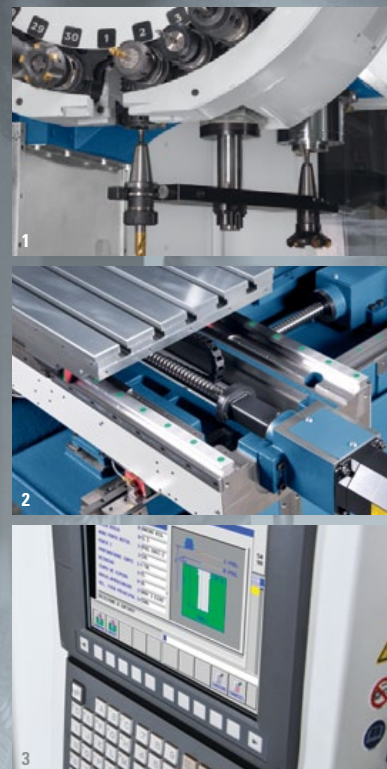


Innovative Automation Solutions

FANUC

Available for Brazilian Market.

High chip removal capacity with high precision for assured productivity.



- 1 Fast, accurate and reliable automatic tool changer, which increases productivity and gives machining efficiency.
- 2 High precision linear guides and ball spindles, together with servomotors, provide fast and accurate movements, speeds and accelerations, ensuring an excellent performance to the machine.
- 3 High technology, performance, and reliability CNCs. ROMI D Series Vertical Machining Centers can be equipped with CNC Fanuc Oi-MD or Siemens Sinumerik 828D, which provides great resources and programming features to the user.

ROMI D Series are extremely versatile machines capable of a wide range of applications, from high production environments to precision toolroom facilities. With a robust design, rigidity, thermal and geometric stability, high speed acceleration for guaranteed performance and reliability.



ROMI D SERIES

Vertical Machining Centers



ROMI D 600



ROMI D 800



ROMI D 1000



ROMI D 1000AP



ROMI D 1250



ROMI D 1500

SINUMERIK 828D

Compact, strong, simply perfect!

The SINUMERIK 828D is a panel-based CNC, tailor-made for use in milling and turning machines. The product combines CNC, PLC, operating and axis control functions for six CNC measuring circuits into one compact unit, which is designed to fit any operator panel housing in both its horizontal and vertical version.

Despite its compact dimensions, the SINUMERIK 828D is a real powerhouse. Equipped with premium CNC functions such as the ability to execute kinematic transformations or powerful tool management makes it perfect for the jobshop.

Compact, strong, simple... simply perfect!



SIEMENS

www.siemens.com/sinumerik

High technology for complex geometries, better machining strategy, and increased productivity.



ROMI DCM
620-5X video

Tilting Rotary Table

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

ROMI DCM 620-5X

Vertical Machining Center - 5 axis

ROMI DCM 620-5X is a 5-axis advanced vertical machining center designed for machining complex geometry parts with high speeds. The 5-axis configuration allows machining complex parts in a single setup, significantly reducing machining time with efficiency, precision, and productivity.



No Machining Interruptions
with ISCAR Products

HIGHLINE
MACHINING INTELLIGENTLY

Minimum Lost Machining Time



ISCAR
IBAQUUS



IBAQUUS, the first complete technical app compatible with tablets and smartphones, it combines efficient applications like: ITA (Iscar Tools Consulting), CMS Electronic Catalogue, etc.





ROMI VT 5000
Video

Capacity for turning parts up to Ø 7.000 mm
(Ø 276 in) and 90 tons (198,000 lbs).



ROMI VT 5000,
the largest Heavy
Duty Vertical Lathe
manufactured in the
southern hemisphere.

Heavy Duty Vertical CNC Lathes

Versatility to machine all kinds of large chuck parts for industries
as Energy Power Generation, Oil & Gas, Mining and others.

ROMI VT SERIES



ROMI VT 1400

ROMI VT 2000

ROMI VT 2500

ROMI VT 3000

ROMI VT 5000

ROMI VT 6000



CNC Machining with high performance

Romi uses SolidWorks, Edgecam and Lantek technologies
to design and manufacture machine tools for you.

More
www.ska.com.br/romi

SOLIDWORKS **lantek** **edgecam**

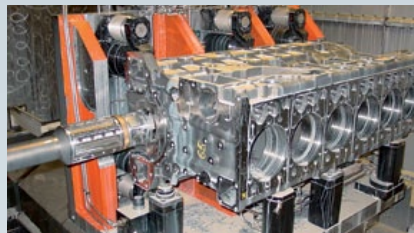
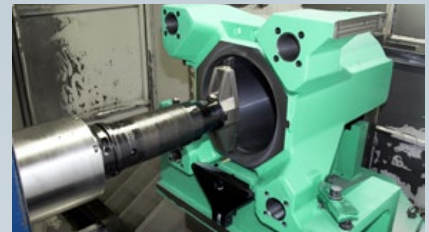


Machining Centers of premium quality

Building efficient and highly precise machining center for working on pieces of steel and casting up to a 40 ton (88,185 lbs) load capacity. In addition, B + W develops and produces fully automatic manufacturing systems for production with minimal operator input for several sectors: 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.

The combination of Burkhardt + Weber and 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.

www.burkhardt-weber.de



ROMI & Burkhardt+Weber

Technology and tradition for high performance machine tools manufacturing

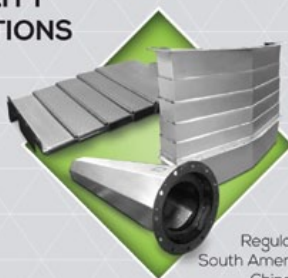
Acquired in February 2012 the Burkhardt + Weber Fertigungssysteme GmbH (Burkhardt + Weber) is now part of Romi group, offering high quality machine tools. Burkhardt + Weber founded in 1888 has headquarters in Reutlingen, Baden-Württemberg, Germany.

INNOVATION AND QUALITY ENSURING IDEAL SOLUTIONS FOR YOUR COMPANY.

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- Telescopic protectors • Chip buckets for tooling machines
- Filtration pressure cooling systems • Skimmers
- General fittings for tooling machines

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South America, USA, Europe,
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Machine tools for several applications.



Universal 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 (88.5 / 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



Universal 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 ~ 250 (range 1)	1 ~ 198 (range 1)
		1 ~ 1.800 (range 2)		1 ~ 1.000 (range 2)	1 ~ 755 (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 / 6,5 / 8 / 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 1400

ROMI VT 2000

ROMI VT 2500

ROMI VT 3000

ROMI VT 5000

ROMI VT 6000

Maximum cutting diameter	mm (in)	1.600 (63)	2.200 (87)	2.700 (106)	3.400 (134)	7.000 (276)	7.000 / 8.000 (*) (276 / 315)
Maximum swing diameter	mm (in)	1.800 (71)	2.300 (91)	2.800 (110)	3.500 (138)	7.000 (276)	7.000 / 8.000 (*) (276 / 315)
Chuck diameter	mm (in)	1.400 (55)	2.000 (79)	2.500 (98)	3.000 (118)	5.000 (197)	6.000 (236)
Speed range	rpm	1 ~ 335	1 ~ 248	1 ~ 180	1 ~ 100	1 ~ 60	1 ~ 50
Max. admissible weight	kg (lbs)	12.000 (26,000)	18.000 (39,000)	25.000 (55,000)	25.000 (55,000)	90.000 (198,000)	90.000 (198,000)
Power	hp / kW	114 / 84	114 / 84	114 / 84	114 / 84	145 / 108	145 / 108

(*) special

ROMI technology at your disposal.

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"	A2-11" (ZF gearbox)	A2-15" (ZF gearbox)
Speed range	rpm	2 ~ 2.000	6 ~ 630 (range 1) 2 ~ 2.000 (range 2)	4 ~ 473 (range 1) 1 ~ 1.500 (range 2)
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
Maximum cutting diameter	mm (in)	500 (20)	700 (28)
Maximum admissible diameter	mm (in)	620 (24)	700 (28)
Maximum cutting height	mm (in)	668 / 620 (26 / 24)	627 / 635 (25 / 25)
Maximum 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



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

Vertical Machining Center - 5 axis		ROMI DCM 620-5X
Spindle taper	ISO	40
X-axis travel	mm (in)	620 (24)
Y-axis travel	mm (in)	520 (20)
Z-axis travel	mm (in)	460 (18)
Speed range	rpm	12.000
Power	hp / kW	24 / 18



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

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) 10 ~ 10.000
Power	hp / kW	30 / 22	48 / 36



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