

Individual 520.360 GANC 2300 LongStroke



A universal automatic band saw of a double-column construction, designed also for single-sided mitre cuts. Thanks to their arms rigidity, double-column band saws with both-sided linear guiding achieve much shorter cutting times, especially in cutting full materials, than machines with articulated saw arms.

The outstanding cutting power of the machine results from the following features: a three-sided hardmetal band precision guide, a saw arm laid both-sided on preloaded linear guides, a 34 mm high saw band and lastly, a synchronous running brush for chips disposal.

Material downfeed is controlled electromechanically, while material clamping and arm downfeed are controlled hydraulically. The maximum length of an individual feed is 2,300 mm and may be extended up to 6,000 mm upon request. The whole work cycle is completed after the length and number of pieces have been programmed. The programming is performed in simple steps, and thanks to a large graphic

display of individual sections it is easy to control for the user. After switching the machine to the manual mode, all functions of the machine may be controlled separately. All control elements are located on the freely-adjustable control panel.

The saw swivelling range is continuous from 0° to 60° right at a stable position of the clamped material. Material clamping is performed by full-stroke vices. The machine is equipped with a frequency convertor that allows the saw band's optimal speed to be set against the processed material within the 20–120 m/min range; this significantly increases both the saw band lifetime and the machine's productivity. The saw band is tilted against the vice load surface at a 2° angle, which also significantly shortens cutting times and contributes to a longer saw band lifetime.

The standard equipment also includes automatic downfeed pressure regulation dependent on the resistance of the processed material,

and continuously adjustable arm downfeed. The standard equipment also includes automatic downfeed pressure regulation dependent on the resistance of the processed material, and continuously adjustable arm downfeed

The machine can be adapted to specific user requirements also by roller conveyors for the output of the material, length stops or transverse cross feeders.



∠	○	▭	□	⊞	⊞	○	□
0°	360	520×360	520×360	360	500×300	250	250
45° R	360	360×325	315×360	350			
60° R	250	235×325	215×360	235			

REF. NUM.	ITEM AND DESCRIPTION
101.411.B1	Individual 520.360 GANC 2300, 3×400 V/5 lines
101.411.B2	Individual 520.360 GANC 2300, 3×400 V/4 lines
101.411.B3	Individual 520.360 GANC 2300, 3×230 V
	Feeder extension about 1000 mm
	Single cut
271.125	Hydraulic bundle clamping device
252.176	Arm upstroke adjustment from the control panel
	Downfeed speed readout
	Downfeed highspeed in to the cut
269 005	Halogen light
	Higher vice jaws 300 mm*
252.020	Vice pressure regulation
252 070	Pistol for machine cleaning
252.300	Micronizer – mist lubrication 24V~
252.302	Micronizer – mist lubrication 24V~ BOX
	Hydraulic blade tensioning
252.121	Straight cut deviation gauge
252 084	Third coolant inflow
252.188	Swarf remover
252.177	Digital arm angle display
252 030	Tenzomat – blade tension meter
	Remote machine diagnostic and maintenance
	USB data port
255.772	Connection part X 550 left
255.540	Connection part X 550 right
271.131	Laser Liner – laser measuring indicator

* Additional orders is not possible

TECHNICAL OVERVIEW

Operating mode	automatic
Mitre cutting range	0° to 60°
Drive	3 kW, 3×400 V/50 Hz
Saw band spd.	20–120 m/min.
Saw band size	4,780×34×1.1 mm
Material loading height	770 mm
Shortest length of rest	220 mm
One upstroke	2,300–6,300 mm
Maximum weight of material	3,500 kg

DIMENSIONS AND WEIGHT

Length	5,650 mm
Width	2,400 mm
Height	2,100 mm
Weight	2,150 kg

*With the feeder conveyor long 2,300 mm

SUITABLE HANDLING SYSTEM

⊗ Roller conveyors	System X, XP
⊗ Material length stop	System X, XP
⊗ Cross feeders units	XQK, XQT, XQZ

Individual 520.360 GANC



A universal automatic band saw of a double-column construction, designed also for single-sided mitre cuts. Thanks to their arms rigidity, double-column band saws with both-sided linear guiding achieve much shorter cutting times, especially in cutting full materials, than machines with articulated saw arms. The outstanding cutting power of the machine results from the following features: a three-sided hardmetal band precision guide, a saw arm laid both-sided on preloaded linear guides, a 34 mm high saw band and lastly, a synchronous running brush for chips disposal.

Material downfeed, material clamping and arm downfeed are controlled hydraulically. The maximum length of an individual feed is 750 mm. The whole work cycle is completed after the length and number of pieces have been programmed. The B&R control unit is equipped with a large, easy to control display. The programming is performed in simple steps, and thanks to a large graphic display of individual sections it is easy to control for the user. After switching the machine to the manual mode, all functions of the machine may be controlled separately. All control elements are located on the freely-adjustable control panel.

The saw swivelling range is continuous from 0° to 60° right at a stable position of the clamped material. Material clamping is performed by full-stroke vices. The machine is equipped with a frequency converter that allows the saw band's optimal speed to be set against the processed material within the 20–120 m/min range; this significantly increases both the saw band lifetime and the machine's productivity. The saw band is tilted against the vice load surface at a 2° angle, which also significantly shortens cutting times and contributes to a longer saw band lifetime.

The standard equipment also includes automatic downfeed pressure regulation dependent on the resistance of the processed material, and continuously adjustable arm downfeed.

The machine can be extended by a wide range of accessories such as LaserLiner to indicate the cut, additional lighting or even mist lubrication device (microniser). The machine can be adapted to specific user requirements also by roller conveyors for the the input and output of the material, length stops or transverse cross feeders.



∠	○	▭	□	⊞	○	□	
0°	360	520×360	520×360	360	500×360	250	250
45° R	360	360×325	315×360	350			
60° R	240	235×325	215×360	235			

REF. NUM.	ITEM AND DESCRIPTION
101.419.B1	Individual 520.360 GANC, 3×400 V/5 lines
101.419.B2	Individual 520.360 GANC, 3×400 V/4 lines
101.419.B3	Individual 520.360 GANC, 3×230 V
	Single cut
271.125	Hydraulic bundle clamping device
252.176	Arm upstroke adjustment from the control panel
	Downfeed speed readout
	Downfeed highspeed in to the cut
269.005	Halogen light
252.070	Pistol for machine cleaning
252.300	Micronizer – mist lubrication 24V~
252.302	Micronizer – mist lubrication 24V~ BOX
	Higher vice jaws 300 mm*
	Hydraulic blade tensioning
252.121	Straight cut deviation gauge
252.084	Third coolant inflow
252.188	Swarf remover
252.030	Tenzomat – blade tension meter
	Remote machine diagnostic and maintainance
252.177	Digital arm angle display
252.020	Vice pressure regulation
255.772	Connection part X 550 left
255.540	Connection part X 550 right
	Set of leveling legs
271.131	Laser Liner – laser measuring indicator

* Additional orders is not possible

TECHNICAL OVERVIEW

Operating mode	automatic
Mitre cutting range	0° to 60°
Drive	3 kW, 3×400 V/50 Hz
Saw band spd.	20–120 m/min.
Saw band size	4,780×34×1.1 mm
Material loading height	770 mm
Shortest length of rest	220 mm
One upstroke	750 mm
Maximum weight of material	2,500 kg

DIMENSIONS AND WEIGHT

Length	3,350 mm
Width	2,650 mm
Height	2,160 mm
Weight	1,800 kg

SUITABLE HANDLING SYSTEM

⊗ Roller conveyors	System X, XP
⊗ Material length stop	System X, XP
⊗ Cross feeders units	XQK, XQT, XQZ

Individual 620.460 GANC 2300 LongStroke



A universal automatic band saw of a double-column construction, designed also for single-sided mitre cuts. Thanks to their arms rigidity, double-column band saws with both-sided linear guiding achieve much shorter cutting times, especially in cutting full materials, than machines with articulated saw arms.

The outstanding cutting power of the machine results from the following features: a three-sided hardmetal band precision guide, a saw arm laid both-sided on preloaded linear guides, a 41 mm high saw band and lastly, a synchronous running brush for chips disposal.

Material downfeed is controlled electromechanically, while material clamping and arm downfeed are controlled hydraulically. The maximum length of an individual feed is 2,300 mm and may be extended up to 6,000 mm upon request. The whole work cycle is completed after the length and number of pieces have been programmed. The programming is performed in simple steps, and thanks to a large graphic

display of individual sections it is easy to control for the user. After switching the machine to the manual mode, all functions of the machine may be controlled separately. All control elements are located on the freely-adjustable control panel.

The saw swivelling range is continuous from 0° to 60° right at a stable position of the clamped material. Material clamping is performed by full-stroke vices. The machine is equipped with a frequency converter that allows the saw band's optimal speed to be set against the processed material within the 20–120 m/min range; this significantly increases both the saw band lifetime and the machine's productivity. The saw band is tilted against the vice load surface at a 2° angle, which also significantly shortens cutting times and contributes to a longer saw band lifetime.

The standard equipment also includes automatic downfeed pressure regulation dependent on the resistance of the processed material,

and continuously adjustable arm downfeed. The standard equipment also includes automatic downfeed pressure regulation dependent on the resistance of the processed material, and continuously adjustable arm downfeed

The machine can be adapted to specific user requirements also by roller conveyors for the output of the material, length stops or transverse cross feeders.



∠	○	▭	□	⊞	⊙	◻
0°	460	460×620	620×460	460	600×400	400
45° R	420	400×420	400×460	405		
60° R	275	280×390	265×460	265		

REF. NUM.	ITEM AND DESCRIPTION
101.427.B1	Individual 620.460 GANC 2300, 3×400 V/5 lines
101.427.B2	Individual 620.460 GANC 2300, 3×400 V/4 lines
101.427.B3	Individual 620.460 GANC 2300, 3×230 V
	Feeder extension about 1000 mm
	Single cut
271.126	Hydraulic bundle clamping device
252.176	Arm upstroke adjustment from the control panel
	Downfeed speed readout
	Downfeed highspeed in to the cut
269.005	Halogen light
252.020	Vice pressure regulation
252.070	Pistol for machine cleaning
	Higher vice jaws 400 mm*
252.300	Micronizer – mist lubrication 24V~
252.302	Micronizer – mist lubrication 24V~ BOX
	Hydraulic blade tensioning
252.121	Straight cut deviation gauge
252.084	Third coolant inflow
252.188	Swarf remover
252.177	Digital arm angle display
252.030	Tenzomat – blade tension meter
	Remote machine diagnostic and maintenance
	USB data port
255.773	Connection part X 650 left
255.542	Connection part X 650 right
271.131	Laser Liner – laser measuring indicator

* Additional orders is not possible!

TECHNICAL OVERVIEW

Operating mode	automatic
Mitre cutting range	0° to 60°
Drive	4 kW, 3×400 V/50 Hz
Saw band spd.	20–120 m/min.
Saw band size	6,100×41×1.3 mm
Material loading height	765 mm
Shortest length of rest	220 mm
One upstroke	2,300–6,300 mm
Maximum weight of material	3,500 kg

DIMENSIONS AND WEIGHT

Length	6,200 mm*
Width	3,000 mm
Height	2,350 mm
Weight	3,850 kg*

*With the feeder conveyor long 2,300 mm

SUITABLE HANDLING SYSTEM

⊙ Roller conveyors	System X, XP
⊙ Material length stop	System X, XP
⊙ Cross feeders units	XQK, XQT, XQZ

Individual 620.460 GANC



A universal automatic band saw of a double-column construction, designed also for single-sided mitre cuts. Thanks to their arms rigidity, double-column band saws with both-sided linear guiding achieve much shorter cutting times, especially in cutting full materials, than machines with articulated saw arms. The outstanding cutting power of the machine results from the following features: a three-sided hardmetal band precision guide, a saw arm laid both-sided on preloaded linear guides, a 34 mm high saw band and lastly, a synchronous running brush for chips disposal.

Material downfeed, material clamping and arm downfeed are controlled hydraulically. The maximum length of an individual feed is 750 mm. The whole work cycle is completed after the length and number of pieces have been programmed. The B&R control unit is equipped with a large, easy to control display. The programming is performed in simple steps, and thanks to a large graphic display of individual sections it is easy to control for the user. After switching the machine to the manual mode, all functions of the machine may be controlled separately. All control elements are located on the freely-adjustable control panel.

The saw swivelling range is continuous from 0° to 60° right at a stable position of the clamped material. Material clamping is performed by full-stroke vices. The machine is equipped with a frequency converter that allows the saw band's optimal speed to be set against the processed material within the 20–120 m/min range; this significantly increases both the saw band lifetime and the machine's productivity. The saw band is tilted against the vice load surface at a 2° angle, which also significantly shortens cutting times and contributes to a longer saw band lifetime.

The standard equipment also includes automatic downfeed pressure regulation dependent on the resistance of the processed material, and continuously adjustable arm downfeed.

The machine can be extended by a wide range of accessories such as LaserLiner to indicate the cut, additional lighting or even mist lubrication device (microniser). The machine can be adapted to specific user requirements also by roller conveyors for the the input and output of the material, length stops or transverse cross feeders.



∠	○	▭	□	□	⊙	○	□
0°	460	620×460	620×460	460	600×400	350	350
45° R	405	410×280	380×460	405			
60° R	260	265×320	255×460	265			

REF. NUM.	ITEM AND DESCRIPTION
101.426.B1	Individual 620.460 GANC, 3×400 V/5 lines
101.426.B2	Individual 620.460 GANC, 3×400 V/4 lines
101.426.B3	Individual 620.460 GANC, 3×230 V
	Single cut
271.126	Hydraulic bundle clamping device
252.176	Arm upstroke adjustment from the control panel
	Downfeed speed readout
	Downfeed highspeed in to the cut
269.005	Halogen light
252.020	Vice pressure regulation
252.070	Pistol for machine cleaning
252.300	Micronizer – mist lubrication 24V~
252.302	Micronizer – mist lubrication 24V~ BOX
	Higher vice jaws 400 mm*
271.128	Hydraulic blade tensioning
252.121	Straight cut deviation gauge
252.084	Third coolant inflow
252.188	Swarf remover
	Remote machine diagnostic and maintainance
252.177	Digital arm angle display
252.030	Tenzomat – blade tension meter
255.773	Connection part X 650 left
255.542	Connection part X 650 right
271.131	Laser Liner – laser measuring indicator
	Set of leveling legs

* Additional orders is not possible

TECHNICAL OVERVIEW

Operating mode	automatic
Mitre cutting range	0° to 60°
Drive	4 kW, 3×400 V/50 Hz
Saw band spd.	20–120 m/min.
Saw band size	6,100×41×1.3 mm
Material loading height	760 mm
Shortest length of rest	220 mm
One upstroke	750 mm
Maximum weight of material	3,500 kg

DIMENSIONS AND WEIGHT

Length	3,770 mm
Width	3,000 mm
Height	2,400 mm
Weight	2,100 kg

SUITABLE HANDLING SYSTEM

⊗ Roller conveyors	System X, XP
⊗ Material length stop	System X, XP
⊗ Cross feeders units	XQK, XQT, XQZ

Individual 720.540 GANC 2300 LongStroke



A universal automatic band saw of a double-column construction, designed also for single-sided mitre cuts. Thanks to their arms rigidity, double-column band saws with both-sided linear guiding achieve much shorter cutting times, especially in cutting full materials, than machines with articulated saw arms.

The outstanding cutting power of the machine results from the following features: a three-sided hardmetal band precision guide, a saw arm laid both-sided on preloaded linear guides, a 54 mm high saw band and lastly, a synchronous running brush for chips disposal.

Material downfeed is controlled electromechanically, while material clamping and arm downfeed are controlled hydraulically. The maximum length of an individual feed is 2,300 mm and may be extended up to 6,000 mm upon request. The whole work cycle is completed after the length and number of pieces have been programmed. The programming is performed in simple steps, and thanks to a large graphic

display of individual sections it is easy to control for the user. After switching the machine to the manual mode, all functions of the machine may be controlled separately. All control elements are located on the freely-adjustable control panel.

The saw swivelling range is continuous from 0° to 60° right at a stable position of the clamped material. Material clamping is performed by full-stroke vices. The machine is equipped with a frequency convertor that allows the saw band's optimal speed to be set against the processed material within the 20–120 m/min range; this significantly increases both the saw band lifetime and the machine's productivity. The saw band is tilted against the vice load surface at a 2° angle, which also significantly shortens cutting times and contributes to a longer saw band lifetime.

The standard equipment also includes automatic downfeed pressure regulation dependent on the resistance of the processed material,

and continuously adjustable arm downfeed. The standard equipment also includes automatic downfeed pressure regulation dependent on the resistance of the processed material, and continuously adjustable arm downfeed

The machine can be adapted to specific user requirements also by roller conveyors for the output of the material, length stops or transverse cross feeders.



∠	○	▭	□	⊞	⊞	○	□
0°	540	720×540	720×540	540	700×500	450	450
45° R	500	510×410	470×540	470			
60° R	350	350×420	310×540	310			

REF. NUM.	ITEM AND DESCRIPTION
101.443.B1	Individual 720.540 GANC 2300, 3×400 V/5 lines
101.443.B2	Individual 720.540 GANC 2300, 3×400 V/4 lines
101.443.B3	Individual 720.540 GANC 2300, 3×230 V
	Feeder extension about 1000 mm
	Single cut
	Hydraulic bundle clamping device
	Arm upstroke adjustment from the control panel
	Downfeed speed readout
269.005	Halogen light
252.070	Pistol for machine cleaning
252.300	Micronizer – mist lubrication 24V~
252.302	Micronizer – mist lubrication 24V~ BOX
	Higher vice jaws 500 mm*
252.121	Straight cut deviation gauge
252.084	Third coolant inflow
252.188	Swarf remover
252.030	Tenzomat – blade tension meter
	Remote machine diagnostic and maintainance
	USB data port
252.178	Digital arm angle display
252.020	Vice pressure regulation
	Connection part X 750 left
	Connection part X 750 right
271.131	Laser Liner – laser measuring indicator

* Additional orders is not possible

TECHNICAL OVERVIEW

Operating mode	automatic
Mitre cutting range	0° to 60°
Drive	4 kW, 3×400 V/50 Hz
Saw band spd.	20–120 m/min.
Saw band size	6640×54×1.3 mm
Material loading height	780 mm
Shortest length of rest	220 mm
One upstroke	2,300–6,300 mm
Maximum weight of material	5,000 kg

DIMENSIONS AND WEIGHT

Length	6,200 mm*
Width	2,650 mm
Height	2,160 mm
Weight	3,850 kg*

*With the feeder conveyor long 2,300 mm

SUITABLE HANDLING SYSTEM

⊗ Roller conveyors	System X, XP
⊗ Material length stop	System X, XP
⊗ Cross feeders units	XQK, XQT, XQZ

Individual 820.640 GANC 2300 LongStroke



A universal automatic band saw of a double-column construction, designed also for single-sided mitre cuts. Thanks to their arms rigidity, double-column band saws with both-sided linear guiding achieve much shorter cutting times, especially in cutting full materials, than machines with articulated saw arms.

The outstanding cutting power of the machine results from the following features: a three-sided hardmetal band precision guide, a saw arm laid both-sided on preloaded linear guides, a 54 mm high saw band and lastly, a synchronous running brush for chips disposal.

Material downfeed is controlled electromechanically, while material clamping and arm downfeed are controlled hydraulically. The maximum length of an individual feed is 2,300 mm and may be extended up to 6,000 mm upon request. The whole work cycle is completed after the length and number of pieces have been programmed. The programming is performed in simple steps, and thanks to a large graphic

display of individual sections it is easy to control for the user. After switching the machine to the manual mode, all functions of the machine may be controlled separately. All control elements are located on the freely-adjustable control panel.

The saw swivelling range is continuous from 0° to 60° right at a stable position of the clamped material. Material clamping is performed by full-stroke vices. The machine is equipped with a frequency converter that allows the saw band's optimal speed to be set against the processed material within the 20–120 m/min range; this significantly increases both the saw band lifetime and the machine's productivity. The saw band is tilted against the vice load surface at a 2° angle, which also significantly shortens cutting times and contributes to a longer saw band lifetime.

The standard equipment also includes automatic downfeed pressure regulation dependent on the resistance of the processed material,

and continuously adjustable arm downfeed. The standard equipment also includes automatic downfeed pressure regulation dependent on the resistance of the processed material, and continuously adjustable arm downfeed

The machine can be adapted to specific user requirements also by roller conveyors for the output of the material, length stops or transverse cross feeders.



∠	○	▭	□	□	⊙	○	□
0°	640	820×640	820×640	640	750×600	500	500
45° R	610	610×340	560×640	570			
60° R	410	410×340	360×640	400			

REF. NUM.	ITEM AND DESCRIPTION
	Individual 820.640 GANC 2300, 3×400 V/5 lines
	Individual 820.640 GANC 2300, 3×400 V/4 lines
	Individual 820.640 GANC 2300, 3×230 V
	Feeder extension about 1000 mm
	Single cut
	Hydraulic bundle clamping device
269 005	Halogen light
	Arm upstroke adjustment from the control panel
	Downfeed speed readout
252.020	Vice pressure regulation
252 070	Pistol for machine cleaning
252.300	Micronizer – mist lubrication 24V~
252.302	Micronizer – mist lubrication 24V~ BOX
	Higher vice jaws 600 mm*
252.121	Straight cut deviation gauge
252 084	Third coolant inflow
252.188	Swarf remover
252.178	Digital arm angle display
252 030	Tenzomat – blade tension meter
	Remote machine diagnostic and maintainance
	USB data port
	Connection part X 850 left
	Connection part X 850 right
271.131	Laser Liner – laser measuring indicator

* Additional orders is not possible

TECHNICAL OVERVIEW

Operating mode	automatic
Mitre cutting range	0° to 60°
Drive	5,5 kW, 3×400 V/50 Hz
Saw band spd.	20–120 m/min.
Saw band size	7,880×54×1.6 mm
Material loading height	780 mm
Shortest length of rest	220 mm
One upstroke	2,300–6,300 mm
Maximum weight of material	5,000 kg

DIMENSIONS AND WEIGHT

Length	6,200 mm*
Width	2,650 mm
Height	2,160 mm
Weight	4,500 kg*

*With the feeder conveyor long 2,300 mm

SUITABLE HANDLING SYSTEM

⊗ Roller conveyors	System X, XP
⊗ Material length stop	Systém X, XP
⊗ Cross feeders units	XQK, XQT, XQZ