

## **BLITZ 60 EURO**

Blitz 60 double head front loading sawing machine comprising nr. 1 fixed head on left and one mobile head on right with 600mm Ø saw blade on machine bed with linear guideways.



The machine comprises three solid structure single block frames, bed and bases, fixed and mobile head of a solid structure on electrowelded steel; kit support vertical vices and cutting area guard too; the tilting heads are in cast iron.

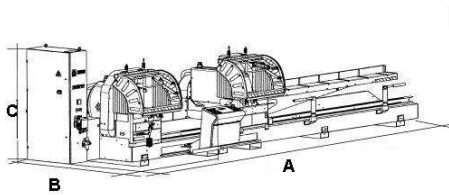
This solution eliminates all problems during assembly of mechanical parts, in addition the structure acquires extreme solidity, especially in the long term, which allows it to withstand the stresses that arise during machining.

Movement of the mobile head is guaranteed by high precision ground cemented guides supported along the whole length so that it becomes a single body with the base, and by recirculating ball blocks. The very solid head and movement along bearings mean that the profile roller table does not need any guide extensions which would otherwise make the machine longer than necessary.

## VERSIONS OF THE AVAILABLE ELECTRONIC EQUIPMENTS:

<b>D</b>	<b>MINIVISION</b> (Numerical control + <b>PC supplied by customer</b> )
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Overall dimensions:



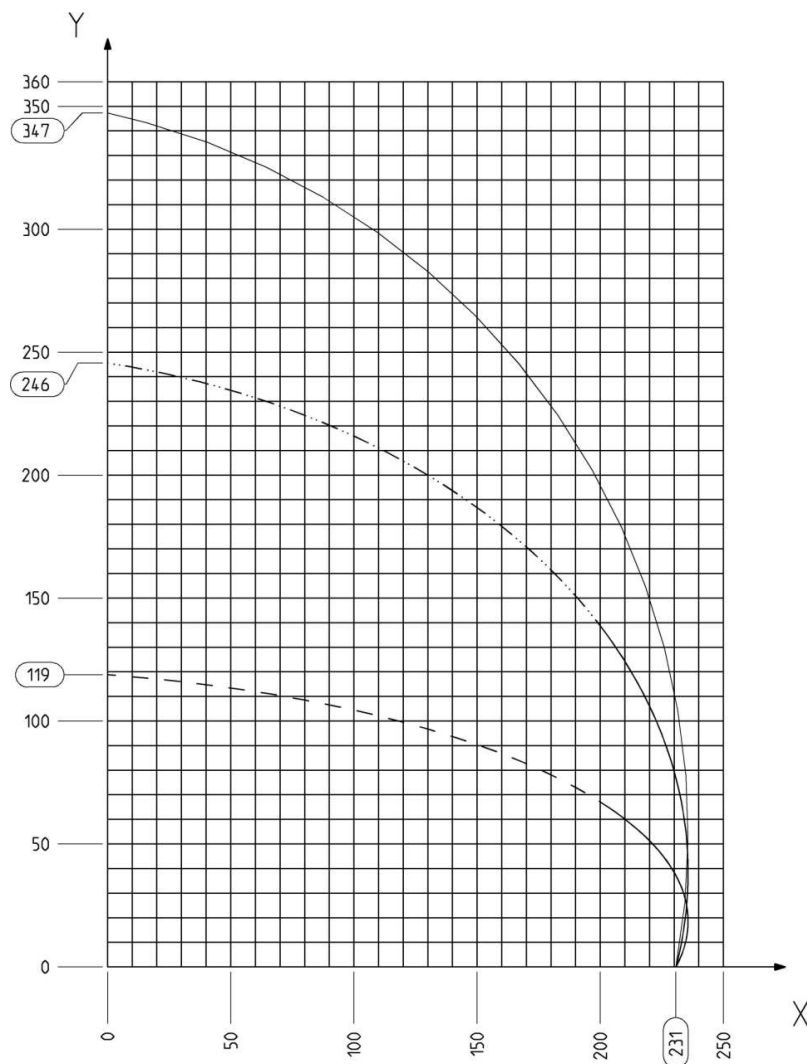
Working cut	A	B	C	Kg
<b>m. 5</b>	7.090	1.925	2.030	2.400
<b>m. 6,6</b>	8.730	1.925	2.030	2.600
Mobile head roller dimensions A+ 2.676				

## Technical specifications:

- Head tilting system from 20° to 90° external operated by pneumatic cylinders with mechanical stops for intermediate angles
- Oleopneumatic advance of tungsten carbide blades (adjustable blade exit speed – quick return)
- Blade drive transmitted via belt and pulleys
- Sawblade motors 4 KW 230/400 V- 50 Hz
- 40 saw blade holding spindle
- First head fixed, second head mobile with automatic positioning
- Minimum cut between the two heads: 270 mm with the use of the current program for under size cuts
- Working cut available: 5000 and 6600 depending on the version
- 4 horizontal vices of which two have a patented system that clamps the profile with the vertical component too
- 2 vertical vices inside blade
- 3000 mm roller table mechanically integrated with the mobile head, with no need for guide extensions or rests outside the machine
- Microdrop cutting lubrication using pure oil
- Separate electrical and pneumatic cabinets, both placed vertically and for easy inspections
- Set-up for the installation of chips and fumes collectors
- Stainless hardened and ground steel profile support tables
- Membrane type keypad protected from chips and sawdust
- Large capacity swarf collection tank for easy collection
- Set up for the addition of the automatic swarf collection belt and the automatic chip collection belt (conveyor belts standard on CZ version)

- Cable holder chain contained inside machine bed to eliminate floor obstructions and the possibility of breakage during transportation and use
- Pneumatic circuit mounted directly on the heads for increased speed and ease of calibrating the pneumatic parts regardless of machine length
- Nr. 2  $\varnothing$  600 mm tungsten carbide saw blade
- Integral cutting area guard kit
- Real time control of functions by CN
- Working pressure 7 bar

### CUTTING DIAGRAM



**STANDARD ACCESSORIES:**

N°	Description	Code
2	∅ 600 mm tungsten carbide saw blade	GP303039
1	Cutting area guard kit	
1	Movable head roller table (3 Mt.)	
4	Horizontal vices	
2	Vertical vices	
1	Licence for software <b>Mastercut</b>	

**OPTIONAL:  
SPECIAL VOLTAGE MOTORS/PLANET VERSION UL-CSA**

Description	Code
Additional charge for special voltage and cycles (Standard motor: 230/400V three-phase 50 Hz and 110/230V single-phase 50 Hz)	ZG-79250
Additional charge for plant version UL-CSA (The additional charge includes the plant with cables and special components/measurement unit in inches)	ZG-79157

**OPTIONAL:**

N°	Description	D/CZ D	Code
4	Set of clamping supports (N° 4) (profile type to be specified)	✘	
1	Fixed head roller table with vertical rolls 3 mt	✘	PR-22077
1	Fixed head roller table with vertical rolls 4,2 mt	✘	PR-25169
1	Receding intermediate profile support Specify if it must be positioned as 1° or 2° support	✘	PR-26748
1	Kit of receding external profile support (LH) for machines with 5 mt cutting length (to be fixed on the floor outside the machine)	✘	PR-26749
1	Kit of receding external profile support for machines with 6,6 mt cutting length	✘	PR-26750
1	External vertical vice (loading area) (n° 1)	✘	PR-26739
1	Automatic profile height measuring device+external vice	✘	PR-26740
1	Manual kit for under size cuts	✘	PR-25201
1	Double speed kit for blade feeding+transducer kit for control of blade exit position	✘	PR-26804
1	Transducer kit for control of blade exit position Note: not available if PR-26802 is standard	✘	PR-26745
1	Additional for motor 5,5 KW	✘	PR-26893
	Profile lifter roller kit	✘	PR-26921
1	PC trolley	✘	PR-26299

**OPTIONALS**
**REAR CHIP CONVEYOR BELT:**

N°	Description	D	Code
1	Swarf conveyor belt m.5	x	PR-26741
1	Swarf conveyor belt m.6.6	x	PR-26742
1	Rear chip conveyor belt m.5	x	PR-26743
1	Rear chip conveyor belt m.6,6	x	PR-26744
1	Inclined conveyor belt	x	XK-26674

**PACKING:**

N°	Description	D	Code
1	Crate packing – m. 5	x	FC303998
1	Crate packing – m. 6,6	x	FC303999

**SOFTWARE:**

N°	Description	D	Code
1	Software licence for data transfer from office via floppy disk	x	ZB-78147
1	Software <b>licence</b> for special length cuttings	x	ZB710086
1	Software <b>licence</b> for automatic step-by step cutting with photocells barrier + Transducer kit for step-by-step cutting	x	PR-26803
1	Software <b>licence</b> for automatic step-by step cutting with two-hand command key + Transducer kit for control of blade exit position	x	PR-26802
1	Software <b>licence</b> for the conversion of datas not generated by FOM programs	x	ZP-27059
1	<b>Licence</b> for software <b>"Work"</b> (Training course: Included) <b>Note:</b> It is compulsory to buy the relevant file, included in the ProF2 price-list	x	ZB-79170
1	Label printing device	x	PR-24494
1	Paper roll for printing device (nr 800 labels)	x	ZD-75720
1	PC+Display Note:operating system in english	x	ZA710549
1	Software installation on pc supplied by the customer	x	ZH710239