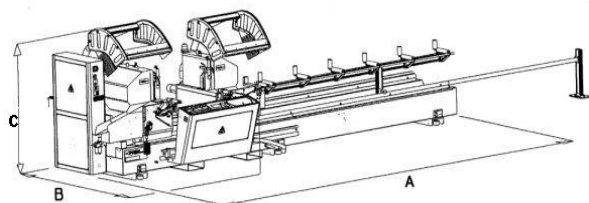


## BLITZ ALVA 500M



Double head electro-pneumatic sawing machine with automatic positioning and electro-pneumatic cutting angle control.



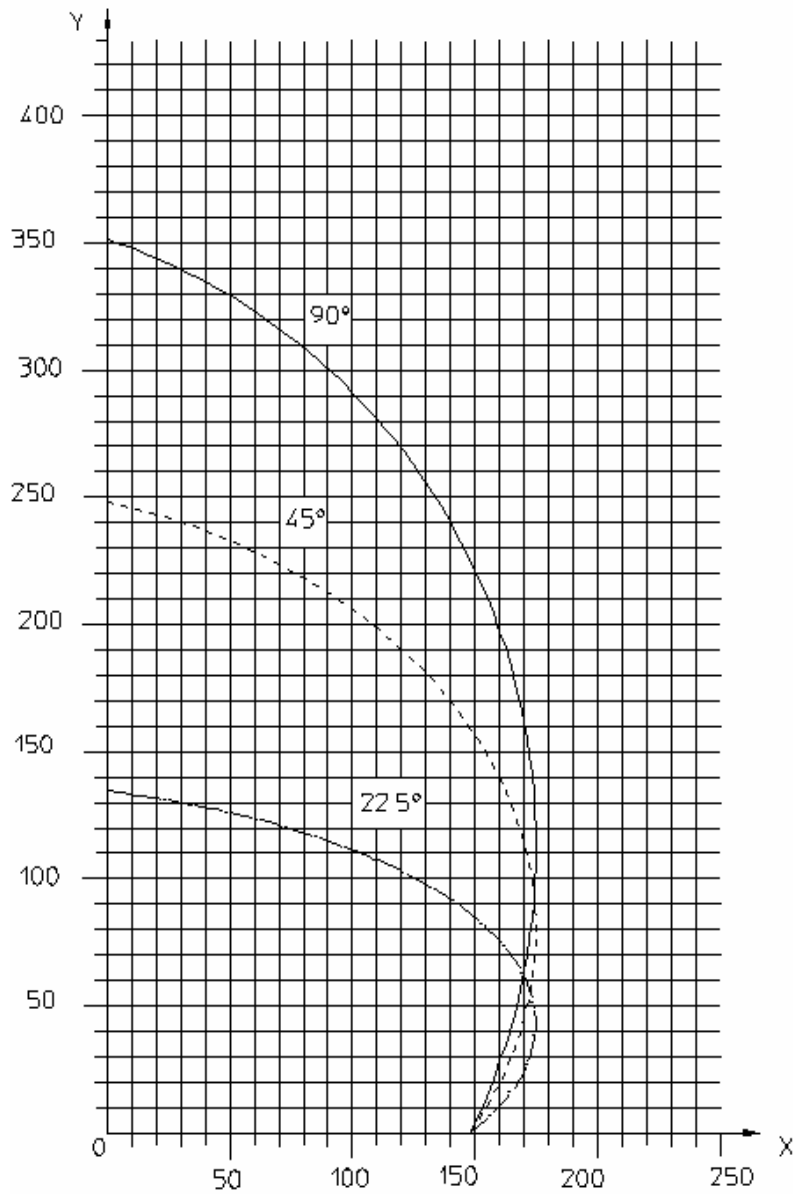
Working cut	A	B	C	Kg
m. 4	5765	1600	1950	1550
m. 5	6765	1600	1950	1830
m. 6	7765	1600	1950	2140

\* Mobile head roller dimensions A + 3100

### Technical characteristics:

- Cutting angle from 22.5° outwards to 90° by pneumatic cylinders, with mechanical stops for intermediate angles
- 2 tungsten carbide Ø 500 saw blades
- Hole ø 32 with reduction ring
- Oleopneumatic advance of tungsten carbide blades (adjustable blade exit speed – quick return)
- Direct motor - tungsten carbide saw blade transmission
- Sawblade motors, three phase 3HP (2.208 Kw) - 2800 rpm 230/400V – 50Hz; 275/480V – 60 Hz
- Ø 28 saw blade holding spindle
- First head fixed, second head mobile with automatic positioning
- Minimum cut between the two heads: 300 mm. (can be reduced with manual kit for under size cuts)
- Maximum cut between the two heads: 4000, 5000 or 6000 mm depending on version supplied
- 90° - 45° - 22.5° and intermediate angles obtained with stops at the front of the machine and protected from chips
- Cutting area guard kit
- Pneumatic vices, 3 horizontal and 2 vertical
- 3 m. mobile head roller table
- Cutting lubrication by atomiser
- Separate electrical and pneumatic cabinets, both placed vertically and for easy inspections
- Set up for forced evacuation of chips and fumes
- Large capacity scraps collection tank for easy collection
- Set up for the addition of the automatic scraps collection belt and the automatic chips collection belt
- Real time control of functions by PLC
- Membrane type keypad protected from chips and sawdust
- Working pressure: 7 bar

**CUTTING DIAGRAM**



**STANDARD ACCESSORIES:**

N°	Description	Code
2	∅ 500 mm tungsten carbide saw blade	
	Cutting area guard kit	
1	Movable head roller table (3 Mt)	PR-25171
	Horizontal and vertical vices	
	License for Mastercut ( <b>only for E-D version</b> )	

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

N°	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

**OPTIONALS:**

Description	CODE	500 A	500 B	500 C	500 D	500 E
Set of clamping supports no.2 (profile type to be specified)	PU 21400	✗	✗	✗	✗	✗
Additional horizontal vice.	PR-24760	✗	✗	✗	✗	✗
Fixed head roller table with vertical rolls, 3 Mt	PR-22077	✗	✗	✗	✗	✗
Fixed head roller table with vertical rolls, 4,2 Mt.	PR-25169	✗	✗	✗	✗	✗
1st Receding intermediate profile support	PR-24843	✗	✗	✗	✗	✗
2 <sup>nd</sup> Receding intermediate profile support. (4-5 Mt.)	PR-24844	✗	✗	✗	✗	✗
2 <sup>nd</sup> Receding intermediate profile support. (6 Mt.)	PR-25836	✗	✗	✗	✗	✗
Kit of receding external profile support (LH) for machines with 4-5 Mt. cutting length (to be fixed on the floor outside the machine).	PR-24304	✗	✗	✗	✗	✗
Kit of receding external profile support (LH) for machines with 6 Mt. cutting length.	PR-24845	✗	✗	✗	✗	✗
Automatic profile height measuring device	PR-25994		✗	✗	✗	✗
Micro-drop pure oil blade lubrication system	PR-25066	✗	✗	✗	✗	✗
Manual kit for under-size cuts	PR-25203	✗	✗	✗	✗	✗
Profile lifter roller kit	PR-26886	✗	✗	✗	✗	✗
Cutting angle digital display (first and second head)	PR-26863	✗	✗	✗	✗	✗
PC trolley	PR-26925	✗	✗	✗	✗	

✓ ⇒ Standard accessories.

✗ ⇒ Optionals

**OPTIONALS:**

Description	CODE	500 A	500 B	500 C	500 D	500 E
Software <b>licence</b> for shuttering and English-style door.	ZB-78145		x	✓		
Software <b>licence</b> for glass and/or panel list.	ZB-78144		x	✓		
Software <b>licence</b> for special length cuttings and profile trimming for 45° cuttings.	ZB-78148	✓	x	x	x	x
Software <b>licence</b> for data transfer from office via floppy disk.	ZB-78147	✓	x	✓	✓	✓
Software <b>licence</b> for the conversion of datas not generated by FOM programs	ZB-78685	x	x	x	x	x
Software <b>licence</b> for automatic step-by step cutting with photocells barrier.	PR-26022		x	x	x	x
Software <b>licence</b> for automatic step-by-step cutting with two-hand command key <b>(For non CZ version)</b>	PR-26023	✓	x	x	x	x
<b>Licence for MasterCut</b> (office software)	ZP-26263		x	x		
<b>Licence</b> for software <b>"Work"</b> (Training course: <u>Included</u> ) <b>Note:</b> It is compulsory to buy the relevant file; included in the Prof2 price-list. <b>For the models "B" and "C" MasterCut is compulsory.</b>	ZB-79170		x	x	x	x
Tele-service contract (single machine) <b>Note: to be activated after the warranty expiry date (Valid for 12 months)</b>	ZB-79239				x	x
Kit for tele-service with analogue line. Note: it includes modem and PC-anywhere	PR-26264				x	x

✓ ⇒ Standard accessories.

x ⇒ Optionals

**OPTIONALS:**

Description	CODE	500 A	500 B	500 C	500 D	500 E
Software <b>licence</b> for data transfer from office via cable	ZB-79806		X	X		
Label printing device	PR-24494		X	X	X	X
Paper roll for printing device (nr. 800 labels)	ZD-75720		X	X	X	X
PC+Display <b>Note: Operating System in English</b>	ZA710549				X	
Software installation on pc supplied by the customer	ZH710239				X	

**REAR CHIP CONVEYOR BELT**

Description	CODE	500 A	500 B	500 C	500 D	500 E
Swarf conveyor belt - 4 Mt	PR-24967	X	X	X	X	X
Swarf conveyor belt - 5 Mt.	PR-24968	X	X	X	X	X
Swarf conveyor belt - 6 Mt.	PR-24969	X	X	X	X	X
Rear chip conveyor belt - 4 Mt.	PR-24848	X	X	X	X	X
Rear chip conveyor belt - 5 Mt.	PR-24849	X	X	X	X	X
Rear chip conveyor belt - 6 Mt.	PR-24850	X	X	X	X	X
Inclined conveyor belt.	XK-26674	X	X	X	X	X

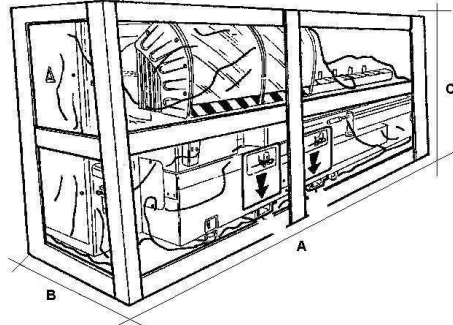
**PACKING**

Description	CODE	500 A	500 B	500 C	500 D	500 E
Crate packing 4 Mt.	FC-74860	X	X	X	X	X
Crate packing, 5 Mt.	FC-74861	X	X	X	X	X
Crate packing, 6 Mt.	FC-74862	X	X	X	X	X

✓ ⇒ Standard accessories.

X ⇒ Optionals

Crate packing overall dimensions:



	<b>A (mm)</b>	<b>B (mm)</b>	<b>C (mm)</b>	<b>Kg</b>
<b>m. 4</b>	6170	1600	1670	158,00
<b>m. 5</b>	7710	1600	1670	184,00
<b>m. 6</b>	8170	1600	1670	225,00