

## V-CUT SERIES

### CNC VARIABLE RAKE ANGLE SHEARS

High accurate Performance of cutting allows you cost-efficiently cut pieces in high volumes.

V-Cut is available in a wide range of models and powers.

Length and shearing thickness can be customized to the highest levels in the category.

Wide range of accessories

Ergonomics

Faster Economic

User friendly

#### GENERAL SPECIFICATIONS

Durable & powerful frame design for perfect cutting

Hardened and ground blades

CE standards security and light guards

Blade clearance and cutting angle automatically adjusted by CNC controller

Sheet sliders at the back side

Automatic swing up back gauge for larger sheets

Front support arms T-Slots for easy cutting and feeding material

Ball transfer table

# ALBER





Robust  
Body

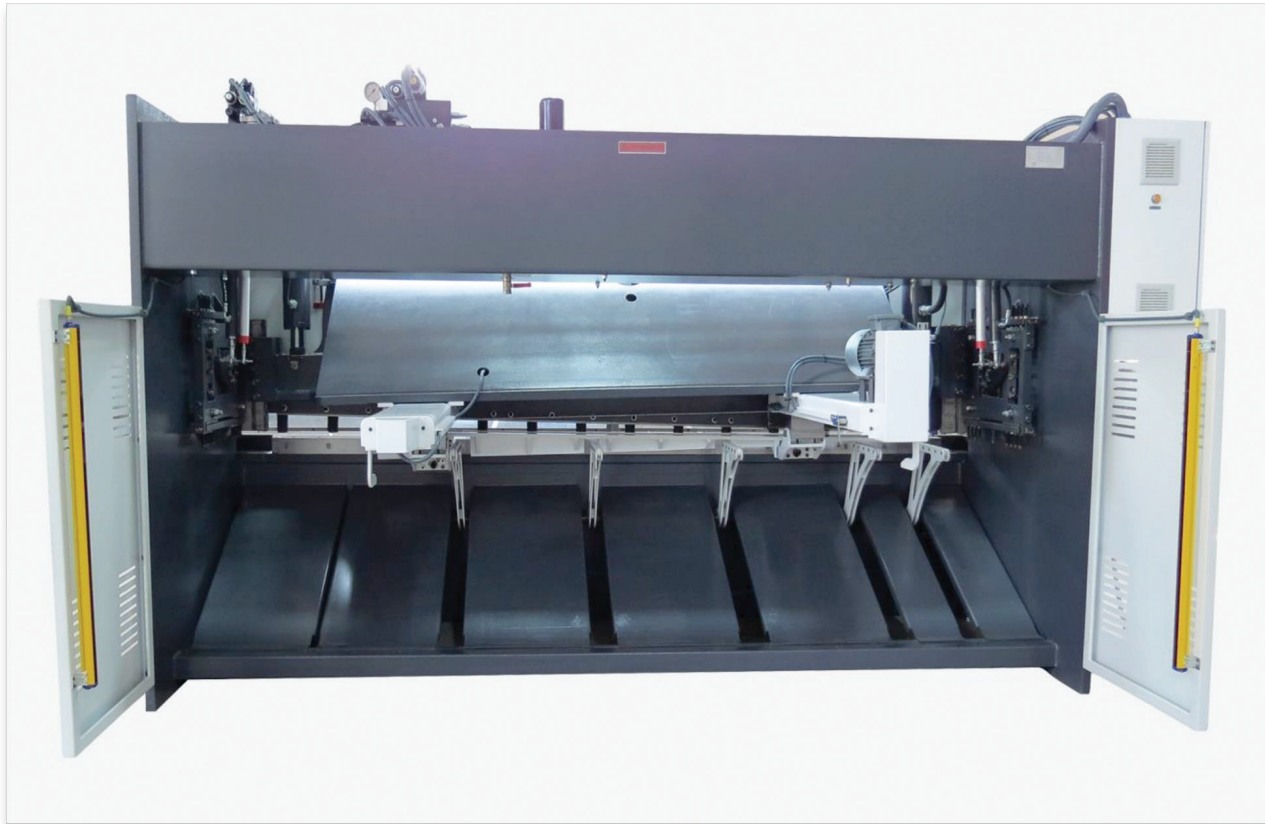
Economic

User  
Friendly

Heavy  
Duty

Perfec  
Cutting

## Features of V-Cut Series

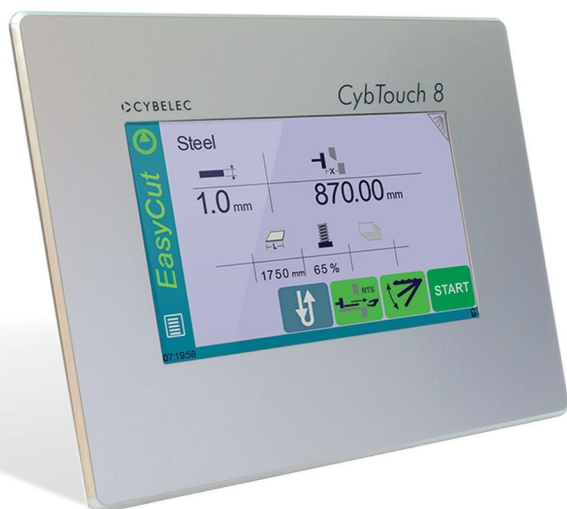


Pneumatic thin sheet support system



1 meter flip up front fences with flexi-glass  
Iron ball transfer tables  
Hydraulic hold down pistons

## V-Cut Series Control Units



### Cybelec Cybtouch 8

#### Customer Benefits

Very simple to use with intuitive touch screen programming

Higher quality and productivity increase

Powerful features from maximum output

#### Easy Operating

High-contrast touchscreen, with vivid colors

Simple pages, large keys, clear display with all the information the operator needs

Intuitive and user-friendly interface

Complete programming of parts in seconds

Quick set up of the machine with the EasyCut page

Contextual help and warning pop-up

#### Better Cutting

Automatic calculations of the shear functions upon material specifications

Automatic blade gap

Automatic cutting angle

Automatic cutting length

Automatic back gauge correction

Automatic back gauge foldaway Anti-twist management

2/3- position sheet support

Return to sender function ( RTS )

Front or back gauge management

Parking position ( foldaway function )

Hold-down pressure management

System pressure management

Sheet position offset, allowing to cut in the middle

#### Powerful

Large cutting sequences and programs can be memorized

Easy communication via wireless connection to a laptop computer

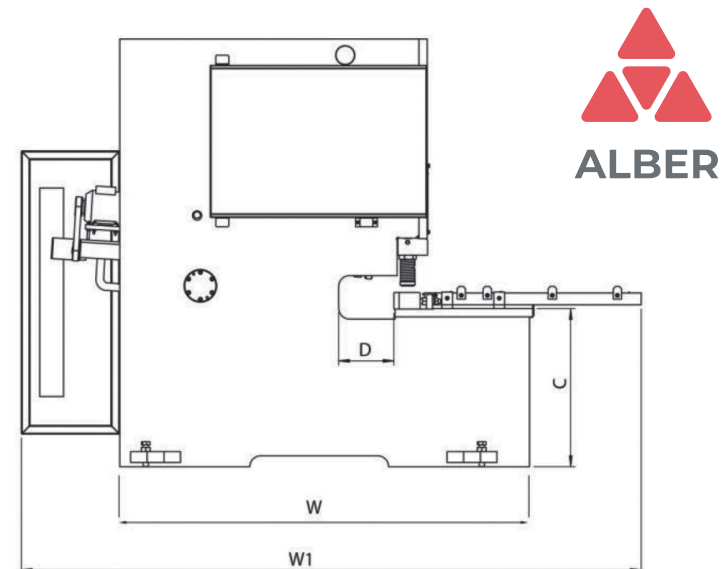
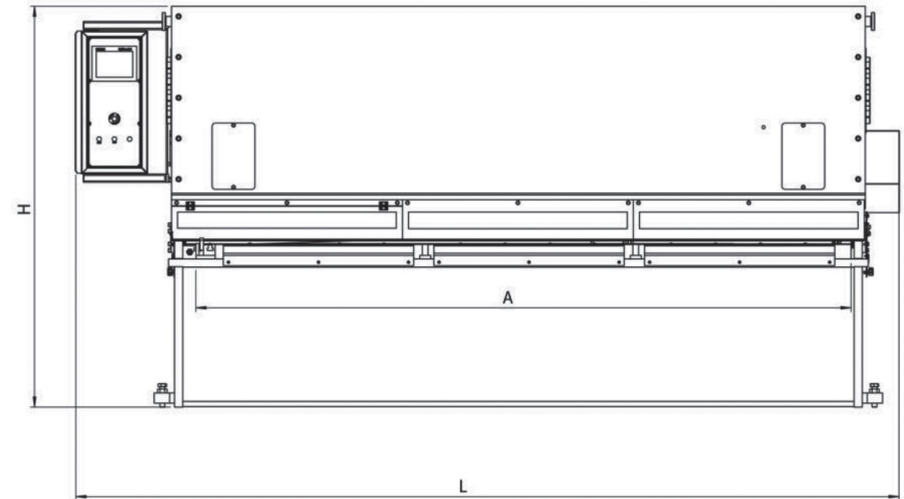
Over 10 languages available

### Standard Equipments

- CE-Norm with safety switches and light guards at the back side
- Welded strong steel construction frame
- User friendly CNC Touchscreen control unit
- Automatically adjusted rake angle by CNC
- Adjusted cutting length by CNC
- Iron ball Integrated front tables
- Ball screw back gauge.
- 1000mm Flip-up finger guards
- 1500mm Squaring arm with scale T-Slot
- Support arms (L=1000mm)
- Led light for cutting area & Shadow line
- Automatically pressure adjusted solid holddowns
- Sheet slider at the back side
- Top and bottom blades with four sides

### Optional Equipments

- Laser Cutting Line
- Light curtains for finger protection
- Pneumatic sheet support system
- Pneumatic sheet support with return to sender
- Anti twist system
- Back gauge 1250 mm
- Hydraulic swing-up back gauge
- Oil coolant
- Oil heater
- Central lubrication manual or motorized
- Adjustable angle stop 0-180°



# V-Cut Series Variable Rake Angle Shears

TYPE	Cutting Angle	Cutting Length	Capacity	Length	Width	Height	Width	Throat Depth	Table Height	Hold Down Pistons	Motor	Back Gauge Motors	Back Gauge Range	Back Gauge Speed	Cutting Stroke	Oil tank	Weight	
	(°)	mm	mm	mm	mm	mm	mm	mm	mm	pcs	kw	kw	mm	mm/sec	1/min	lt	Kg	
				Machine Transport Dimension														
<b>VCUT 3106</b>	0,5° ..2,5°	3100	6	4100	2360	2165	2650	50	790	15	11	0,75	1000	200	18	200	7500	
<b>VCUT 3110</b>	0,5° ..2,5°	3100	10	4030	2200	2290	2700	50	805	15	22	0,75	1000	200	14	300	10200	
<b>VCUT 3113</b>	0,5° ..2,5°	3100	13	4050	2200	2290	2700	50	805	15	30	0,75	1000	200	12	400	12500	
<b>VCUT 3116</b>	0,5° ..2,5°	3100	16	4190	2375	2515	2900	50	880	15	37	0,75	1000	200	10	400	18000	
<b>VCUT 3120</b>	0,5° ..2,5°	3100	20	4125	2490	2530	3065	50	880	19	37	0,75	1000	200	9	500	21000	
<b>VCUT 4106</b>	0,5° ..2,5°	4100	6	5120	2360	2165	2665	50	790	19	11	0,75	1000	200	16	200	10200	
<b>VCUT 4110</b>	0,5° ..2,5°	4100	10	4935	2225	2290	2700	50	805	19	22	0,75	1000	200	12	300	13000	
<b>VCUT 4113</b>	0,5° ..2,5°	4100	13	4950	2230	2440	2720	50	805	19	30	0,75	1000	200	10	400	15400	
<b>VCUT 4116</b>	0,5° ..2,5°	4100	16	5195	2415	2595	2900	50	880	19	37	0,75	1000	200	8	400	22000	
<b>VCUT 4120</b>	0,5° ..2,5°	4100	20	5080	2490	2800	3065	50	880	21	37	0,75	1000	200	6	500	29000	
<b>VCUT 6106</b>	0,5° ..2,5°	6100	6	7120	2360	2700	2665	50	790	32	22	0,75	1000	200	10	300	22000	
<b>VCUT 6110</b>	0,5° ..2,5°	6100	10	6950	2225	2750	2700	50	805	32	30	0,75	1000	200	8	300	25000	
<b>VCUT 6113</b>	0,5° ..2,5°	6100	13	7175	2450	2900	2700	50	965	32	37	0,75	1000	200	6	400	32500	
<b>VCUT 6116</b>	0,5° ..2,5°	6100	16	7080	2415	2950	2900	50	1000	32	45	0,75	1000	200	6	500	36000	
<b>VCUT 6120</b>	0,5° ..2,5°	6100	20	7125	2490	3200	3065	50	1050	32	45	0,75	1000	200	5	500	55000	