

V-CUT SERIES

CNC VARIABLE RAKE ANGLE SHEARS

High and 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





FEATURES OF V-CUT SERIES

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Pneumatic thin sheet support system



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

CybeleC CybTouch 8



CUSTOMER BENEFITS

Very simple to use with intuitive touch screen programming

Higher quality and productivity increase

Powerful features for 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-downs pressure management
- System pressure management
- Sheet position offset, allowing to cut in the middle

Powerful

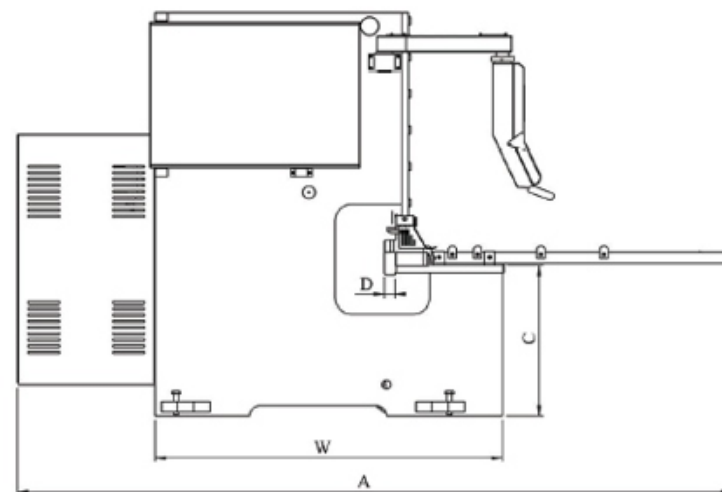
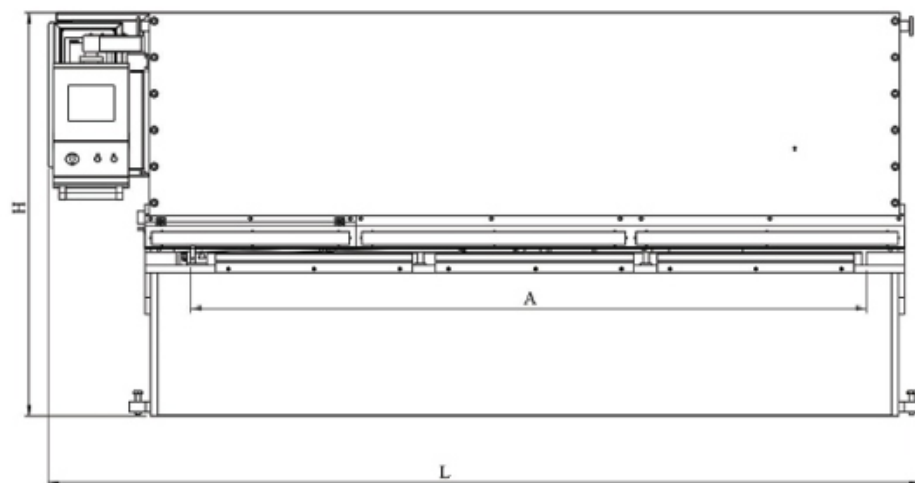
- Large cutting sequences and programs can be memorized
- Easy communication via wireless connection to a laptop computer
- Over 10 languages available

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 Motor	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													
VCUT 3106	0.5°-2.5°	3100	6	4100	2360	2165	2650	50	790	15	11	0.75	1000	200	18	200	7500
VCUT 3110	0.5°-2.5°	3100	10	4030	2200	2290	2700	50	805	15	22	0.75	1000	200	14	300	10200
VCUT 3113	0.5°-2.5°	3100	13	4050	2200	2290	2700	50	805	15	30	0.75	1000	200	12	400	12500
VCUT 3116	0.5°-2.5°	3100	16	4190	2375	2515	2900	50	880	15	37	0.75	1000	200	10	400	18000
VCUT 3120	0.5°-2.5°	3100	20	4125	2490	2530	3065	50	880	19	37	0.75	1000	200	9	500	21000
VCUT 4106	0.5°-2.5°	4100	6	5120	2360	2165	2665	50	790	19	11	0.75	1000	200	16	200	10200
VCUT 4110	0.5°-2.5°	4100	10	4935	2225	2290	2700	50	805	19	22	0.75	1000	200	12	300	13000
VCUT 4113	0.5°-2.5°	4100	13	4950	2230	2440	2720	50	805	19	30	0.75	1000	200	10	400	15400
VCUT 4116	0.5°-2.5°	4100	16	5195	2415	2595	2900	50	880	19	37	0.75	1000	200	8	400	22000
VCUT 4120	0.5°-2.5°	4100	20	5080	2490	2800	3065	50	880	21	37	0.75	1000	200	6	500	29000
VCUT 6106	0.5°-2.5°	6100	6	7120	2360	2700	2665	50	790	32	22	0.75	1000	200	10	300	22000
VCUT 6110	0.5°-2.5°	6100	10	6950	2225	2750	2700	50	805	32	30	0.75	1000	200	8	300	25000
VCUT 6113	0.5°-2.5°	6100	13	7175	2450	2900	2700	50	965	32	37	0.75	1000	200	6	400	32500
VCUT 6116	0.5°-2.5°	6100	16	7080	2415	2950	2900	50	1000	32	45	0.75	1000	200	6	500	36000
VCUT 6120	0.5°-2.5°	6100	20	7125	2490	3200	3065	50	1050	32	45	0.75	1000	200	5	500	55000