

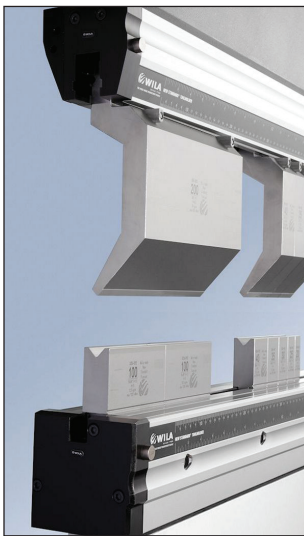
## U-Bend Series



### Standard Equipments

- Y1-Y2-X-R axis & C-axis (crowning)
- CybeleC CybTouch 15 PS 15"-2D Touchscreen Graphical CNC control unit with 2D offline PC software or Delem DA-58T 2D Graphical Touch Screen CNC control unit or ESA S 650 15" 2D Touch-Sreen controller with 2D offline PC software
- Pendant control unit
- X-R axis backgauge ; Servo motorized, linear guide & ballscrew system with 2 pcs. backgauge fingers
- European (promecam) quick release top tool clamping system
- European top tool grinded & hardened
- European bottom tool with 4V-groove
- CNC table crowning system with wedges
- Back light barrier
- Switched side protection doors for safety with plexi glass
- Interior area lighting
- LED lights on front covers for front working area lighting.
- Linear sliding front support arms with 2 pcs. arm
- High accuracy optical linear scale
- European hydraulic system
- European electric system

## U-Bend Series



Top & bottom hydraulic Wila clamping systems (optional)  
Different type of hydraulic & pneumatic clamping systems are available upon request as an option.



X1-X2-R1-R2-Z1-Z2  
6 axis ATF type backgauge (optional)



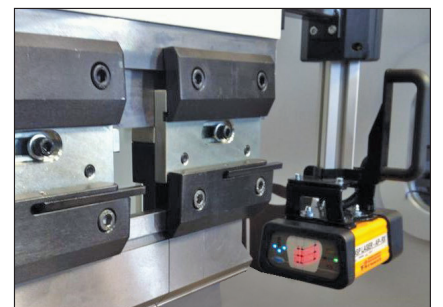
X-R-Z1-Z2  
4 axis backgauge (optional)



CNC table crowning system with wedges  
(standard)

### Optional Equipments

- Front laser safety systems
- Different models of Cybelec, Delem and ESA controllers
- Up to 6 axis backgauge
- CNC sheet followers
- Different type of pneumatic and hydraulic clamping systems
- Special stroke, daylight and throat depth
- Tandem availability
- Hydraulic oil heating and cooling



Front laser safety system (optional)  
Quick release top clamping system (standard)

## U-Bend Series



2 pcs. sliding front support arms on linear guide way and ball bearing system that allows soft movement and lateral adjustment as required by the bending length of the machine. Front arms are with brushes to protect the sheet from scratches. (standard)

Additional front arms are available on request as an option.

Type	Bending Length	Bending Force	Stroke	Between Columns	Y axis Down Speed	Y axis bending speed	Y axis return speed	X axis distance	R axis distance	R axis speed	X axis speed	Length	Loading Width	Height	Total Width	Throat Depth	Table Height	Daylight	Bottom table dimension	Motor	Oil Tank	Weight
	mm	Ton	mm	mm	mm/ sec	mm/ sec	mm/ sec	mm	mm	mm/ sec	mm/ sec	mm	mm	mm	mm	mm	mm	mm	mm	kW	lt	kg
U-BEND 1360	1300	60	180	1000	180	10	140	650	250	350	500	2130	1990	2375	2400	400	850	400	100	7.5	100	3250
U-BEND 2160	2100	60	270	1650	180	10	140	650	250	350	500	2830	1990	2375	2400	450	850	550	100	7.5	100	5300
U-BEND 26100	2600	100	270	2100	180	10	140	650	250	350	500	3300	1700	2760	2150	450	850	550	100	11	200	7000
U-BEND 31100	3100	100	270	2550	180	10	140	650	250	350	500	3760	1700	2760	2150	450	850	550	100	11	200	7800
U-BEND 31135	3100	135	270	2550	160	10	120	650	250	350	500	3760	1700	2760	2150	450	850	550	120	15	200	8900
U-BEND 31175	3100	175	270	2550	160	10	120	650	250	350	500	3775	1825	2920	2250	450	920	550	120	19	200	9800
U-BEND 31220	3100	220	270	2550	140	10	120	650	250	350	500	3775	1830	2960	2270	450	920	550	120	22	200	11000
U-BEND 31320	3100	320	370	2550	140	10	100	650	250	350	500	3810	2050	3100	2550	450	920	650	150	30	300	14500
U-BEND 31400	3100	400	370	2550	100	10	100	650	250	350	500	3990	2250	3280	2700	550	1030	650	200	37	400	20500
U-BEND 37175	3700	175	270	3100	140	10	120	650	250	350	500	4325	1825	2920	2250	450	920	550	120	19	200	12000
U-BEND 37220	3700	220	270	3100	140	10	120	650	250	350	500	4325	1830	2960	2270	450	920	550	120	22	200	13500
U-BEND 37320	3700	300	370	3100	140	10	100	650	250	350	500	4360	2110	3150	2690	450	920	650	150	30	300	15500
U-BEND 41175	4100	175	270	3550	140	10	120	650	250	350	500	4675	1825	2920	2250	450	920	550	120	19	200	13000
U-BEND 41220	4100	220	270	3550	140	10	100	650	250	350	500	4675	1830	2960	2270	450	920	550	120	22	200	14500
U-BEND 41320	4100	320	370	3550	120	10	100	650	250	350	500	4710	2050	3100	2550	450	920	650	150	30	300	18500
U-BEND 41400	4100	400	370	3550	100	10	80	650	250	350	500	4990	2250	3280	2700	550	1030	650	200	37	400	23000
U-BEND 61220	6100	220	270	5100	120	10	100	650	250	350	500	6675	1850	2960	2250	450	1050	550	120	22	200	21000
U-BEND 61320	6100	320	370	5100	100	10	100	650	250	350	500	6675	2050	3100	2550	450	920	650	150	30	300	25500
U-BEND 61400	6100	400	370	5100	100	10	80	650	250	350	500	6660	2250	3280	2700	550	1030	650	200	37	400	32000