

ABOUT US

UMS was established in Konya in 1998 and started the metal working machinery production in 2012. Our factory continues its production and marketing activities in a 15,000 m² closed area on a total area of 20,000 m² located in the 4th Organized Industrial Zone in KONYA, TÜRKİYE.

Our company prioritizes quality and trust and produces CNC Hydraulic press brake machines, CNC rake Angle Hydraulic Guillotine Shears and NC motorized Guillotine Shears, etc. for sheet cutting and shaping in the metalworking machinery sector. UMS machinery has adopted the principle of continuous development of machines as the basic philosophy since the day it was founded and produces different sizes, tonnages and features with our young and innovative R&D team in parallel with the needs and demands of our customers.

Our company has adopted the customer satisfaction principle by providing solution-oriented service and sustainability by closely controlling the installation, solving technical problems, and offering excellent maintenance for the machines. we serve our country and the world market with our fast and professional service teams.





CNC HYDRAULIC PRESS BRAKE



FEATURES

Our CNC hydraulic press brakes -**TANDEM Series** have the ability to shape longer and thicker materials by combining two machines and can be used as two separate machines.

The production of the **TANDEM series** press brake machine is different from other machines, stroke, throat depth, number of axes, etc. must be clear when ordering and all requested features must be specified as well. Our other CNC press brake series "**BASIC-BEND, COMFORT, and PRO Series**" can be produced as **TANDEM**.



TANDEM

- 4 Axis
- Back gauge with Servo motor
- CYBELEC TOUCH 15 CNC control unit
- 320 mm Stroke
- 520 mm throat depth
- Motorized crowning system



TANDEM



- CYBELEC TOUCH 15 PS (2D Graphics)
touch CNC control unit



- DELEM DA-66T (2D Graphics)
17" touch CNC control unit



- ESA 875W (3D Graphics)
21" touch CNC control unit



- STEP ROCK 17+ PS (3D Graphics)
touch CNC control unit

TANDEM

CNC HYDRAULIC PRESS BRAKE



CNC HYDRAULIC PRESS BRAKE



STANDARD FEATURES

- Y1, Y2, X (3 axes with X=750 mm)
- CNC control unit CYCBELEC TOUCH 8 (3 axis)
- Stroke 200 mm
- Throat depth 310 mm
- REXROTH aluminum body Linear ball bearing Motion Guide Way
- UMS motorized back gauge with Servo Motors and drivers.
- Magnetic Linear Rulers (OPKON brand).
- Finger protection laser (UMS brand).
- Hydraulic block with proportional valve and oil pump, internal gear type.
- 2 backgauge fingers can be moved manually along the linear guide, precisely adjusted.
- Half-length side doors for safety and cylinder covers.
- Promecam (European type) quick mold clamping system
- Narrow lower Table (UMS special design) IW = 60 mm (F<= 220Ton) IW=90 mm (F>=270 Ton).
- Sliding front support arms (2Pcs).
- Upper "Punch" mold: Roller P.97.85.R08 (835 mm X length).
- Lower "Die" mold: Roller M.460.R 85°, Y:60, 4 channels
V= 16-22-35-50 mm, (835mm x length).
- 175 Ton and above may require extra lower Die set.
Don't forget to add options!



BASIC-BEND

OPTIONAL FEATURES

- 4TH AXIS, R=200 mm
- Manual crowning system
- Motorized crowning system
- Extra backgauge fingers
- CNC control units
- Large lower table
- CE Security norms
- Full length body covers.



BASIC-BEND SERIES

BASIC-BEND

STANDARD FEATURES



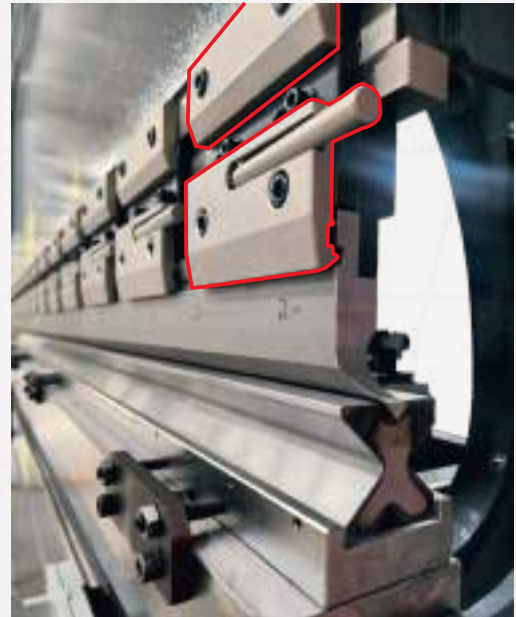
● Back gauge finger (with screw)



● Servo motor back gauge



● Opkon brand Linear ruler



● European type Promecem (quick mold clamping system), Rolleri molds (Italian brand)



● CYBELEC TOUCH 8"
PS touch CNC control unit



● Sliding front support system

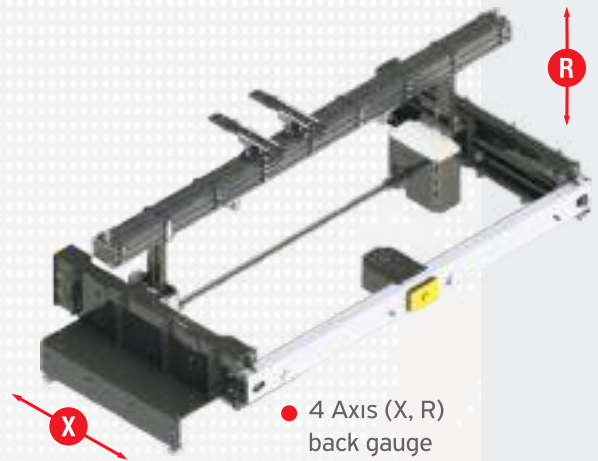


BASIC-BEND

OPTIONAL FEATURES



- Extra back gauge fingers



- 4 Axis (X, R) back gauge



- Motorized crowning system



- Manual crowning system



- DSP laser - front protection system



- ESA 875W 21" (3D Graphics) touch CNC control unit.



- STEP ROCK 17" + PS (3D Graphics) touch CNC control unit.



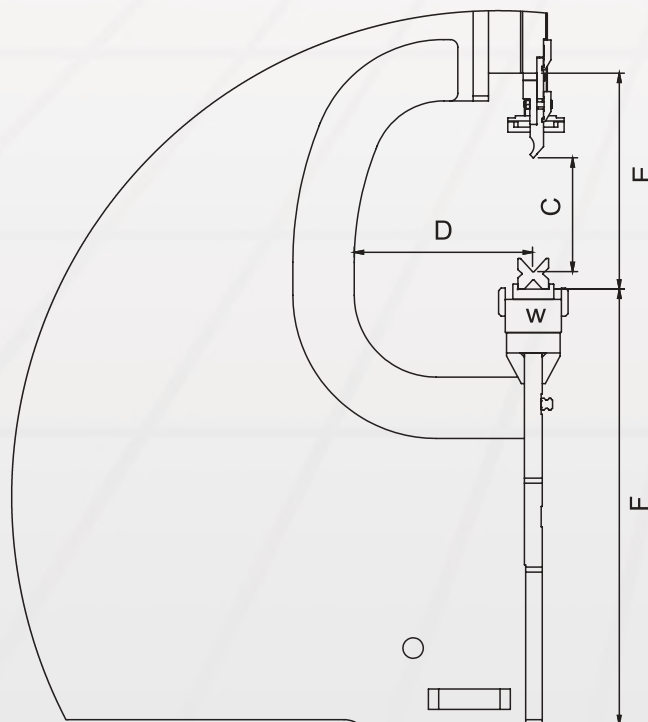
- CYBELEC TOUCH 12" PS (2D Graphics) touch CNC control unit

CNC HYDRAULIC PRESS BRAKE

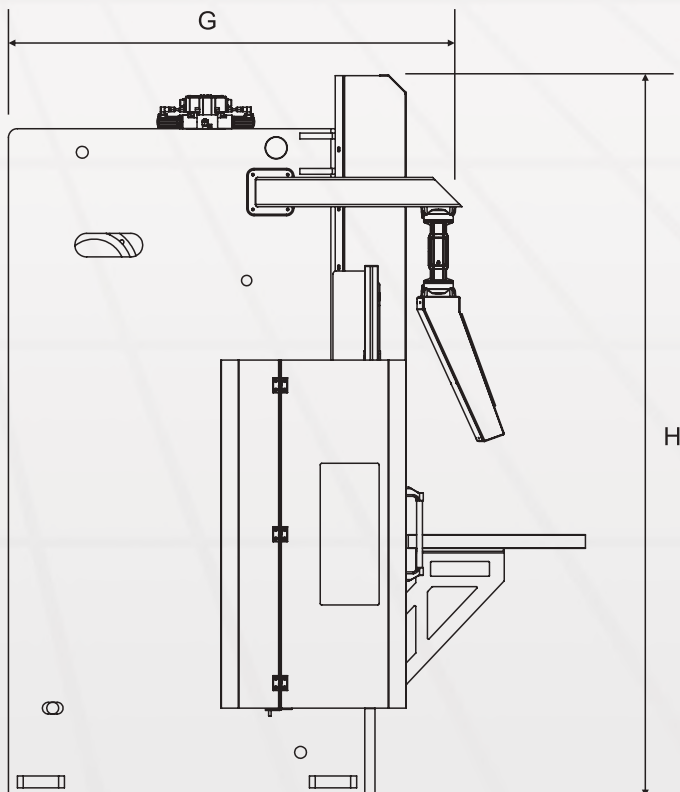
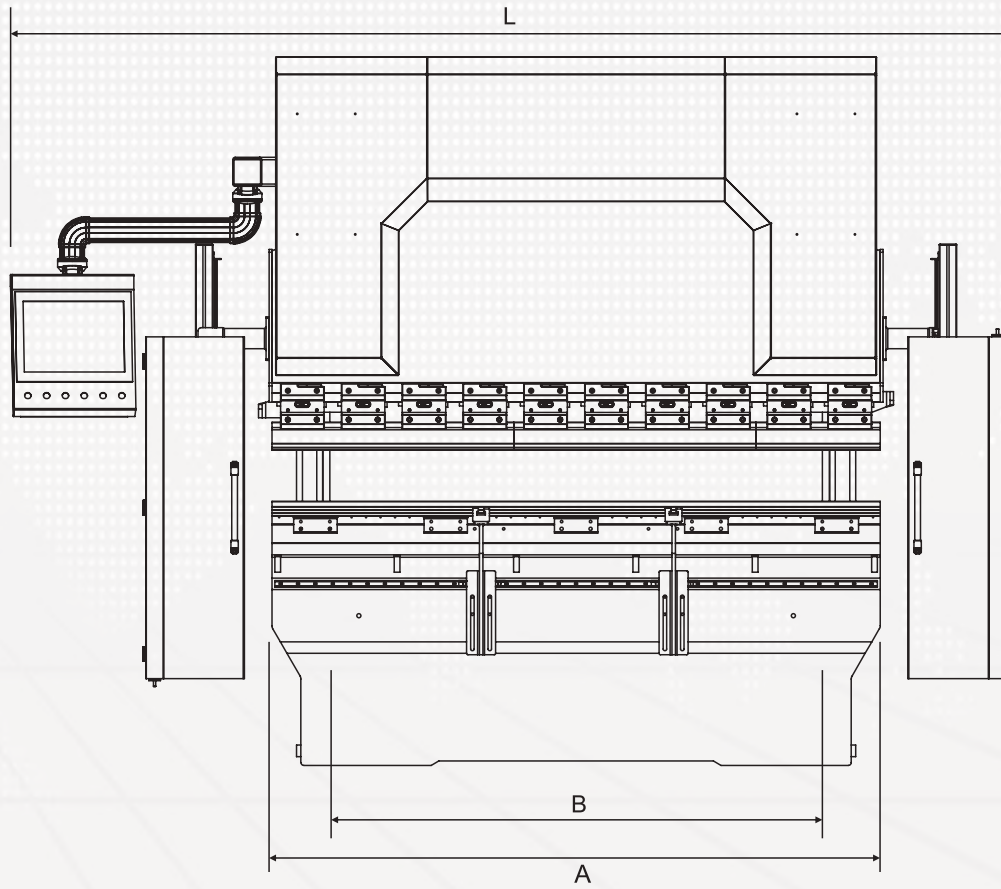
BASIC-BEND TECHNICAL SPECIFICATIONS TABLE

MODEL	Bending Force	Bending Length	Distance Between columns	Stroke	Throat Depth	Between Tables	Table Height	Table Width	Speeds			Machine Dimensions			Backgauge Distcance	Oil Tank	Weight	Main Motor
	Ton	A	B	C	D	E	F	W	Descent	Return	Press	Length x Width x Height	X Axis					
									Speed	Speed		(L x G x H)						
	Ton	mm	mm	mm	mm	mm	mm	mm	mm	mm/sn.	mm/sn.	mm/sn.	mm	mm	Lt			Kg
BASIC-BEND 40	40	1300	1100	200	310	400	770	110	140	140	10	2365 1385 2240	750	70	3400	4		
BASIC-BEND 60	60	1600	1300	200	310	400	800	110	140	140	10	2600 1530 2400	750	90	4000	5.5		
	60	2100	1600	200	310	400	800	110	140	140	10	3100 1530 2400	750	90	4400	5.5		
BASIC-BEND 100	100	2600	2100	200	310	400	820	110	160	120	10	3670 1695 2510	750	150	6250	7.5		
	100	3100	2600	200	310	400	840	110	160	120	10	4120 1695 2510	750	150	6800	7.5		
BASIC-BEND 135	135	3100	2600	200	310	400	875	110	160	120	10	4120 1645 2640	750	150	7600	11		
BASIC-BEND 220	220	3100	2600	200	310	400	875	110	110	130	10	4120 1670 2670	750	200	10200	18.5		

BASIC-BEND SERIES



BASIC-BEND



CNC HYDRAULIC PRESS BRAKE



HYBRID

HYBRID FEATURES

Our CNC Hydraulic Press Brakes with **HYBRID** features work with separate servo motors for both axes (Y1-Y2), the hybrid press brakes have double speed and precise bending, and it's Eco-Friendly, 80% electricity saving, and low maintenance cost. It can be optionally added to our BASIC - BEND, COMFORT, PRO series.



HYBRID SERIES



HYBRID

CNC HYDRAULIC PRESS BRAKE



HYBRID



CNC HYDRAULIC PRESS BRAKE



CNC HYDRAULIC PRESS BRAKE



COMFORT SERIES

STANDARD FEATURES

- Y1, Y2, X, R (4 axes with X=750 mm, R= 250 mm)
 - Manual crowning system
 - CNC control unit CYCBELEC TOUCH 12"
 - Stroke 270 mm
 - Throat depth 410 mm
 - REXROTH Linear ball bearing Motion Guide Way
 - Magnetic Linear Rulers (OPKON brand).
 - Finger protection laser (UMS brand).
 - UMS motorized back gauge with Aluminum body, servo motors and drivers.
 - REXROTH (Germany) hydraulic blocks with proportional valves
 - REXROTH (Germany) oil pump, internal gear type.
 - 2 backgauge fingers can be moved manually along the linear guide, precisely adjusted.
 - Full-Length side doors for safety and cylinder covers.
 - Promecam (European type) quick mold clamping system.
 - Narrow lower Table (UMS special design) IW = 60 mm (F<= 220Ton) IW=90 mm (F>=270 Ton).
 - Sliding front support arms (2Pcs).
 - Upper "Punch" mold: ROLLERI P.97.85.R08 (835 mm x length)
 - Lower "Die" mold: ROLLERI M.460.R 85°, Y:60, 4-way
V= 16-22-35-50 mm, (835mm x length)
 - 175 Ton and above may require extra lower Die set.
- Don't forget to add options!



COMFORT-SERIES

OPTIONAL FEATURES

- 6th AXIS Z1 + Z2 automatic movements of right and left backgauge fingers
- 8th AXIS X1+X2+R1+R2+Z1+Z2 (two console supports, independent of each other)
- Motorized crowning system
- Extra back gauge fingers
- Extra throat depth
- Extra stroke
- CNC control units
- CE Security norms
- Large lower table
- Invertor System



● Finger protection laser



● Invertor System

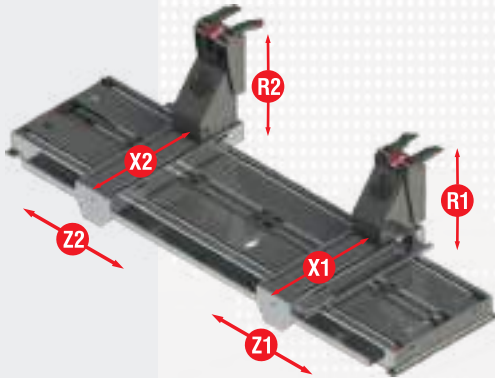


● Motorized crowning system

COMFORT SERIES

CNC HYDRAULIC PRESS BRAKE

● 6 Axis (Z1, Z2, X, R) backgauge



● 8 Axis (R1, R2, X1, X2, Z1, Z2) backgauge



● 4 Axis (X, R) backgauge



● Throat depth



● Finger protection laser



● Aluminum back gauge and support arms

COMFORT SERIES

COMFORT-SERIES

OPTIONAL FEATURES



- CYBELEC TOUCH 15 PS (2D Graphics) touch CNC control unit



- DELEM DA-66T (2D Graphics) 17" touch CNC control unit



- CYBELEC TOUCH 12 PS (2D Graphics) touch CNC control unit (Standard)



- ESA 875W 21" (3D Graphics) touch CNC control unit.



- STEP ROCK17 + PS (3D Graphics) touch CNC control unit



- Finger protection laser
- Throat depth

- Motorized crowning

CNC HYDRAULIC PRESS BRAKE



Hand protection laser
(UMS brand)

Promecam (European type)
quick mold clamping system

Sliding Front
Support System

Rolleri molds
(Italian brand)

Delam Da 66T 17"
CNC control unit

COMFORT SERIES



● ATF X1, X2, Z1, Z2 , R1, R2 axis backgauge



COMFORT-SERIES



● Hydraulic crowning system



● Wila tool holding system

CNC HYDRAULIC PRESS BRAKE

COMFORT TECHNICAL SPECIFICATIONS TABLE

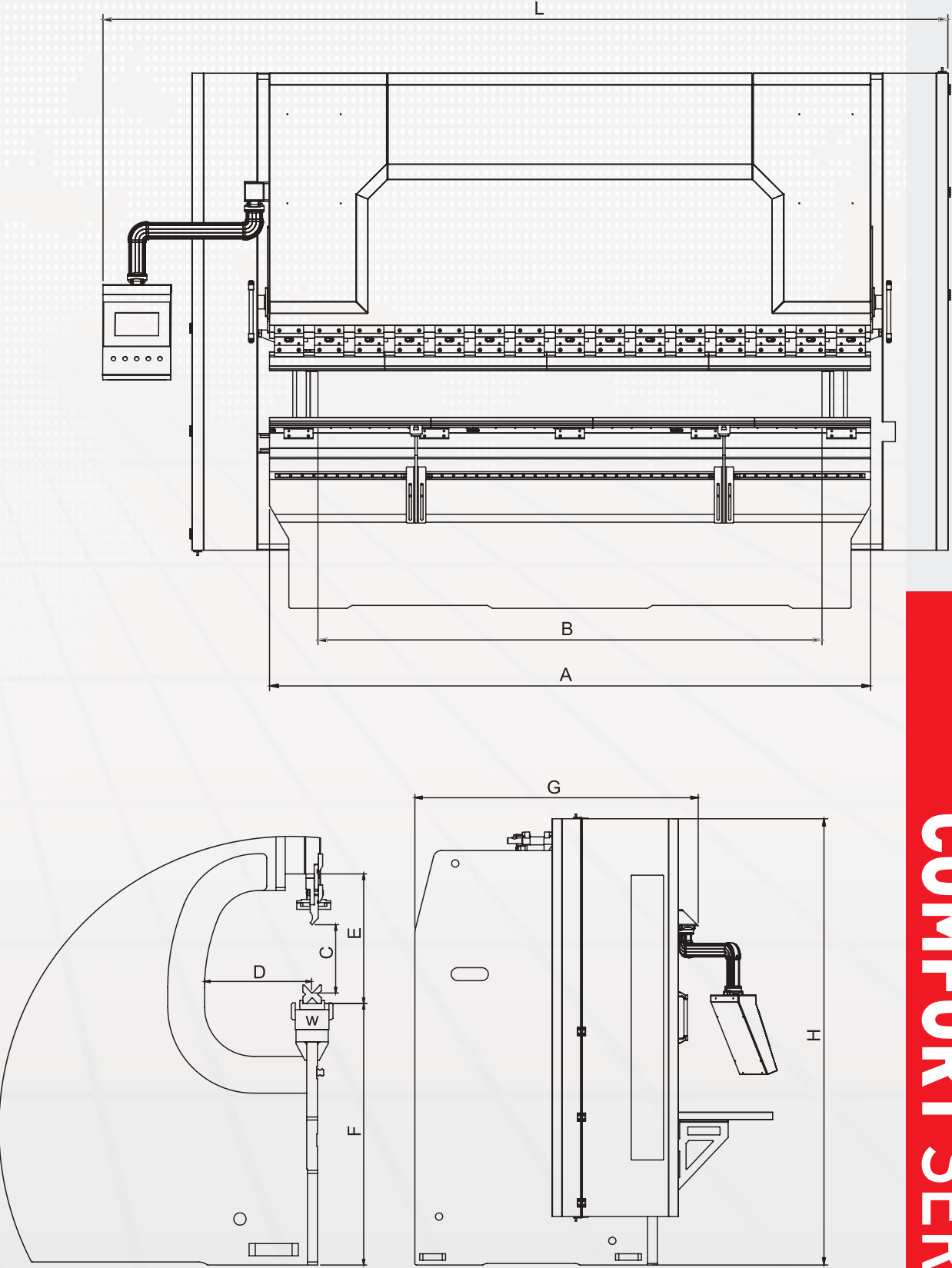
MODEL	Bending Force	Bending Length	Distance Between columns	Stroke	Throat Depth	Between Tables	Table Height	Table Width	Speeds			Machine Dimensions			Backgauge Disclance	Oil Tank	Weight	Main Motor
	Ton	A	B	C	D	E	F	W	Descent	Return	Press	Length x Width x Height			X Axis			
									Speed	Speed		(L x G x H)						
	Ton	mm	mm	mm	mm	mm	mm	mm	mm	mm/sn.	mm/sn.	mm/sn.	mm			mm	Lt	Kg
COMFORT 100	100	2600	2100	265	410	470	870	110	160	120	10	3970	1795	2630	750	150	6250	7.5
	100	3100	2600	265	410	470	890	110	160	120	10	4320	1795	2630	750	150	6800	7.5
COMFORT 135	135	3100	2600	265	410	470	925	110	160	120	10	4360	1745	2760	750	150	7600	11
	135	3600	3200	265	410	470	925	110	160	120	10	4965	1745	2760	750	150	9200	11
	135	4100	3600	265	410	470	925	155	160	120	10	5500	1845	2760	750	150	10300	11
COMFORT 175	175	3100	2600	265	410	470	925	110	110	130	10	4350	1835	2770	750	200	8700	15
	175	3600	3200	265	410	470	925	110	110	130	10	4980	1835	2770	750	200	10700	15
	175	4100	3600	265	410	470	925	155	110	130	10	5520	1935	2790	750	200	11250	15
COMFORT 220	220	3100	2600	265	410	470	925	110	110	130	10	4380	1770	2750	750	200	10200	18.5
	220	3600	3200	265	410	470	940	110	110	120	10	5010	1770	2795	750	200	12200	18.5
	220	4100	3600	265	410	470	940	155	110	120	10	5480	1870	2785	750	200	12900	18.5
COMFORT 270	270	3100	2600	265	410	470	980	155	110	120	10	4450	1910	2920	750	240	12100	22
	270	3600	3200	265	410	470	980	155	110	120	10	5100	1910	2920	750	240	13700	22
	270	4100	3600	265	410	470	980	155	110	120	10	5550	1910	2940	750	240	14500	22
COMFORT 320	320	3100	2600	265	410	490	980	155	110	110	10	4410	1900	2960	750	240	13500	30
	320	3600	3200	265	410	490	980	155	110	110	10	5025	1900	2965	750	240	14700	30
	320	4100	3600	265	410	490	980	240	110	110	10	5570	1900	2965	750	240	15500	30
	320	5100	4200	265	410	490	1010	240	110	110	10	6010	1980	3135	750	240	20400	30
	320	6100	5100	265	410	490	1040	240	110	110	10	6920	1980	3365	750	240	24500	30

COMFORT SERIES



COMFORT-SERIES

COMFORT SERIES TECHNICAL SPECIFICATIONS



CNC HYDRAULIC PRESS BRAKE



● Rexroth hydraulic block



● Höerbiger hawe hydraulic block



● Hydraulic tank unit



● Rexroth / Hoerbiger hydraulic system

OPTIONAL AUXILIARY EQUIPMENT



● Motorized central lubrication



● Manual central lubrication



● Oil cooler fan



CNC HYDRAULIC PRESS BRAKE



CNC HİDROLİK ABKANT PRES



PRO SERIES

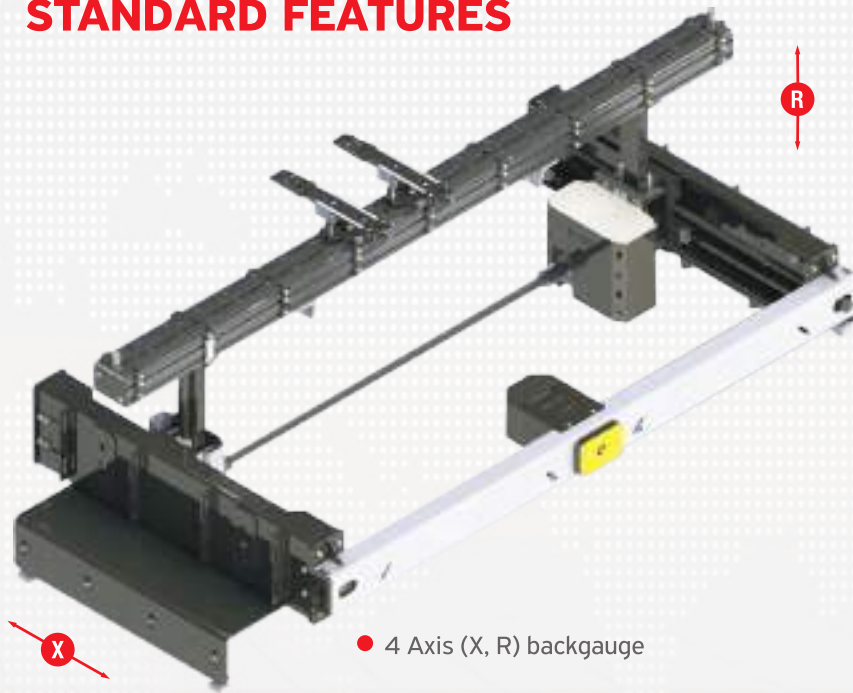
STANDARD FEATURES

- Y1, Y2, X, R (4 axes with X=750 mm, R= 250 mm)
- CNC control unit CYCBELEC TOUCH 15" touch screen
- Stroke 320 mm
- Throat depth 520 mm
- Motorized crowning system
- Finger protection laser (UMS brand).
- REXROTH Linear ball bearing Motion Guide.
- UMS motorized back gauge with Aluminum body, servo motors and drivers.
- REXROTH (Germany) hydraulic blocks with proportional valves
- REXROTH (Germany) oil pump, internal gear type.
- 2 backgauge fingers can be moved manually along the linear guide, precisely adjusted.
- Full-Length side doors for safety and cylinder covers.
- Promecam (European type) quick mold clamping system.
- Narrow lower Table (UMS special design) IW = 60 mm (F<= 220Ton) IW=90 mm (F>=270 Ton).
- Sliding front support arms (2 Pcs) adjusted from below with a hand wheel.
- Upper "Punch" mold: ROLLERI P.97.85.RO8 (835 mm x length + 1 x 800 mm piece set)
- Lower "Die" mold: ROLLERI M.460.R 85°, Y:60, 4-way
V=16-22-35-50 mm, (835mm x length + 1x805 mm piece set)
- 175 Ton and above may require extra lower Die set. Don't forget to add options!



PRO-SERIES

STANDARD FEATURES



● 4 Axis (X, R) backgauge

● CYBELEC TOUCH
15 PS (2D Graphics)
touch CNC control unit



● Sliding front support arms (2 pieces)
adjusted from below with a hand wheel

● Motorized crowning system

● Back gauge with Servo motor



● Throat depth 520 mm



● Finger protection laser (UMS brand)

PRO SERIES

CNC HYDRAULIC PRESS BRAKE



● ATF X1, X2, Z1, Z2, R1, R2 axis backgauge

● Z1, Z2, X, R axis backgauge

PRO SERIES



PRO-SERIES

OPTIONAL FEATURES

- 6th AXIS Z1 + Z2 automatic movements of right and left backgauge fingers
- 8th AXIS X1+X2+R1+R2+Z1+Z2 (two console supports, independent of each other)
- Extra backgauge fingers
- Rear sliding safety doors
- Extra throat depth
- Extra stroke
- CNC control units
- CE Security norms
- Large lower table
- Invertor system



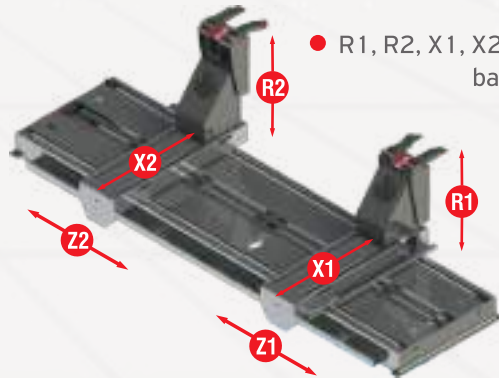
- ESA 875W 21"
(3D Graphics) touch
CNC control unit.



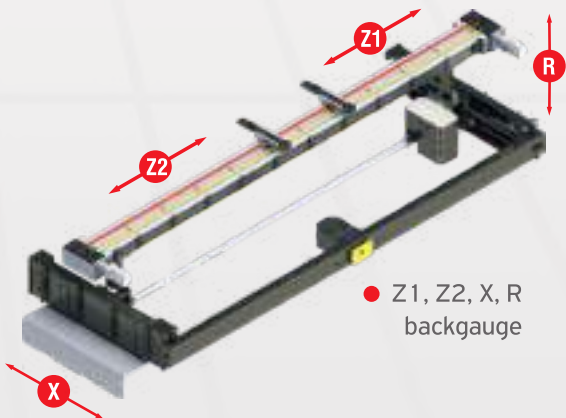
- STEP ROCK 17+ PS
(3D Graphics) touch
CNC control unit



- DELEM DA-66T
(2D Graphics)
17" touch
CNC control unit



- R1, R2, X1, X2, Z1, Z2
backgauge



- Z1, Z2, X, R
backgauge



- Invertor system

PRO SERIES

CNC HYDRAULIC PRESS BRAKE

PRO- SERIES TECHNICAL SPECIFICATIONS TABLE

MODEL	Bending Force	Bending Length	Distance Between columns	Stroke	Throat Depth	Between Tables	Table Height	Table Width	Speeds			Machine Dimensions			Backgauge Distance	Oil Tank	Weight	Main Motor
	Ton	A	B	C	D	E	F	W	Descent Speed	Return Speed	Press	Length x Width x Height			X Axis			
												(L x G x H)						
	Ton	mm	mm	mm	mm	mm	mm	mm	mm	mm/sn.	mm/sn	mm/sn.	mm					
PRO 135	135	3100	2600	320	520	525	920	110	120	160	10	4825	2105	2730	750	150	8200	11
	135	3600	3200	320	520	525	915	110	120	160	10	5325	2105	2715	750	150	9800	11
	135	4100	3600	320	520	525	915	155	120	160	10	5725	2105	2765	750	150	10900	11
PRO 175	175	3100	2600	320	520	525	905	110	110	130	10	4830	2105	2745	750	200	9550	15
	175	3600	3200	320	520	525	915	110	110	130	10	5330	2105	2730	750	200	11550	15
	175	4100	3600	320	520	525	915	155	110	130	10	5730	2105	2805	750	200	12100	15
PRO 220	220	3100	2600	320	520	525	910	110	110	120	10	4835	2105	2700	750	200	11100	18.5
	220	3600	3200	320	520	525	935	110	110	120	10	5335	2105	2695	750	200	13100	18.5
	220	4100	3600	320	520	525	935	155	110	120	10	5735	2105	2790	750	200	13800	18.5
	220	5100	4200	320	520	525	965	240	110	120	10	6735	2105	2820	750	200	18000	18.5
	220	6100	5100	320	520	525	965	240	110	120	10	7735	2105	2820	750	200	22500	18.5
PRO 270	270	3100	2600	320	520	525	970	155	110	120	10	4840	2105	2920	750	250	13100	22
	270	3600	3200	320	520	525	975	155	110	120	10	5340	2105	2920	750	250	14700	22
	270	4100	3600	320	520	525	975	155	110	120	10	5740	2105	2940	750	250	15500	22
PRO 320	320	3100	2600	320	520	545	980	155	110	110	10	4845	2110	2950	750	320	14500	30
	320	3600	3200	320	520	545	980	155	110	110	10	5345	2110	2960	750	320	15700	30
	320	4100	3600	320	520	545	980	240	110	110	10	5745	2110	3010	750	320	17000	30
	320	5100	4200	320	520	545	1025	240	110	110	10	6745	2110	3065	750	320	21400	30
	320	6100	5100	320	520	545	1045	240	110	110	10	7745	2110	3095	750	320	25500	30
PRO 400	400	3100	2600	320	520	545	1005	240	110	90	10	4850	2140	3345	750	400	18200	37
	400	3600	3200	320	520	545	965	240	110	90	10	5350	2140	3345	750	400	20200	37
	400	4100	3600	320	520	545	965	240	110	90	10	5750	2155	3345	750	400	22000	37
	400	5100	4200	320	520	545	965	240	110	90	10	6750	2155	3345	750	400	25000	37
	400	6100	5100	320	520	545	1045	240	110	90	10	7750	2155	3475	750	400	32500	37
	400	8100	7100	320	520	545	805	240	110	90	10	9750	2170	3495	750	400	44500	37
PRO 500	500	3600	3200	320	520	545	1015	240	90	80	10	5355	2120	3370	750	500	23600	45
	500	4100	3600	320	520	545	1015	240	90	80	10	5755	2125	3370	750	500	25800	45
	500	5100	4200	320	520	545	1045	240	90	80	10	6755	2135	3395	750	500	29500	45
	500	6100	5100	320	520	545	955	240	90	80	10	7755	2135	3645	750	500	39000	45
	500	8100	7100	320	520	545	740	240	90	80	10	9755	2135	3695	750	500	55000	45
PRO 600	600	3600	3200	320	620	585	985	240	90	90	10	5360	2470	3795	750	500	26800	45
	600	4100	3600	320	620	585	985	240	90	90	10	5760	2510	3795	750	500	32000	45
	600	5100	4200	320	620	585	985	240	90	90	10	6760	2645	3795	750	500	35000	45
	600	6100	5100	320	620	585	985	240	90	90	10	7760	2645	3795	750	500	47000	45
	600	8100	7100	320	620	585	740	240	90	90	10	9760	2635	3795	750	500	66000	45
PRO 800	800	4100	3600	320	620	585	740	240	85	80	10	5765	2585	3895	750	800	42000	55
	800	6100	5100	320	620	585	740	240	85	80	10	7765	2635	3895	750	800	60000	55
	800	8100	7100	320	620	585	740	240	85	80	10	9765	2635	3895	750	680	85000	55
PRO 1000	1000	4100	3600	420	620	685	740	240	80	75	10	5770	3035	3895	750	1000	68000	75
	1000	6100	5100	420	620	685	740	240	80	75	10	7770	3035	4095	750	1000	74000	75
	1000	8100	7100	420	620	685	740	240	80	75	10	9770	3035	4495	750	1000	103000	75

PRO-SERIES

PRO- SERIES TECHNICAL SPECIFICATIONS

