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A professional touch to metal starts  
with **UMS** technology

**GUILLOTINE SHEAR**



## 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 m<sup>2</sup> closed area on a total area of 20,000 m<sup>2</sup> 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.





# MOTORIZED GUILLOTINE SHEAR



**COMFORT-SERIES**

Manufacturing quality products requires carefully choosing the right materials and this is what we do in our production. Also, offering professional customer services and after-selling support is one of our principles. In design and production, we do care to manufacture all products with high precision. Although our machines are easy to use, precautions are also taken into consideration. After finishing the machine structure design by computer, the drawing and strength are analyzed by our professional team, and then the manufacturing process starts. It is precision machined in CNC machining centers and CNC lathes, equipped with world-known equipment, it is offered to customers after passing the quality control test.



# COMFORT-SERIES

## GENERAL FEATURES

- COMFORT SERIES is motorized Guillotine Shears.
- These machines are suitable for cutting metal sheets from 0.15 mm up to 6 mm thick.
- The machine body is made of welded steel.
- Multi-edged upper and lower blades.
- Teflon coating on the two sides of the upper cutter for long life.
- Easy maintenance system (clutch system).
- Easy adjustable gauge.
- Mechanical pressure system that prevents the sheet from slipping during cutting



- KLS 1000 NC Control Unit



- Motorized backgauge  
750 mm with NC controller

# MOTORIZED GUILLOTINE SHEAR



COMFORT-SERIES

## STANDARD SPECIFICATIONS

- Machines have Strong, welded and solid steel body providing maximum cutting precision
- For 3 mm Machines, 2 cutting edges on the upper blade/ 2 cutting edges on the lower blade
- Machines body is made of steel
- For 4 - 5 - 6 Machines, 2 cutting edges on the upper blade/ 4 cutting edges on the lower blade
- In 3 mm machines, square metric ruler with 800 mm length.
- In 4 - 5 - 6 mm machines, T-slotted square metric ruler with 1000 mm length with stopper.
- Mechanical pressure system that prevents the sheet from slipping during cutting
- Easily adjustable blade gap adjustment system
- Ball bearing front table
- Front support arms metric ruler.
- Cutting line illumination
- Front guards for hand protection
- Foot pedal
- Rear foot protection guard
- Emergency stop buttons.
- Front sheet holding arms.



# COMFORT-SERIES



- Pneumatic sheet support system



- UMS 1000 NC control unit



- DELTA 7'' touch NC control unit



- ELGO P40T touch NC control unit



- In 4 - 5 - 6 mm machines, T-slotted square metric ruler with 1000 mm length with stopper



- In 2 - 3 mm machines, square metric ruler with 800 mm length

# MOTORIZED GUILLOTINE SHEAR



COMFORT-SERIES



- Adjustable gauge for 4-5-6 mm machines



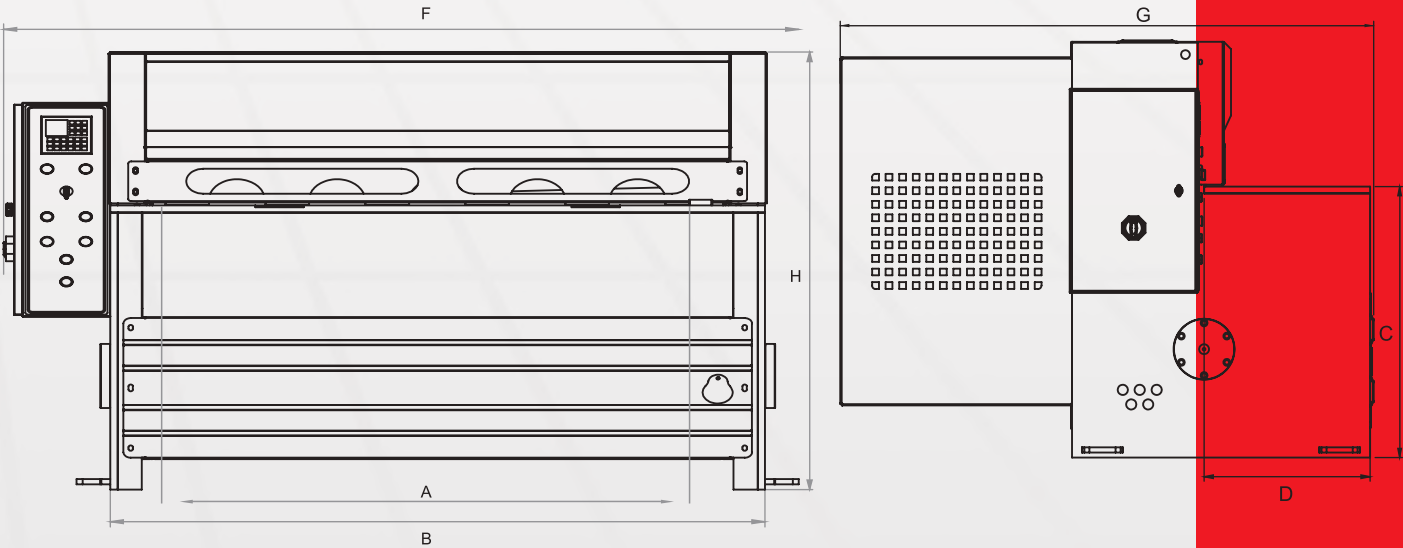
- Ball bearing table for for 4-5-6 mm machines



# COMFORT-SERIES

COMFORT SERIES TECHNICAL SPECIFICATIONS TABLE

| Model        | Cutting Capacity | Cutting Length | Cutting Angle | No. Of Cuts Per Minute | Table Length | Table Height | Table Width | Backgauge Movement Distance X Axes | Machine's Dimensions            |      |      | Motor Power | Weight |
|--------------|------------------|----------------|---------------|------------------------|--------------|--------------|-------------|------------------------------------|---------------------------------|------|------|-------------|--------|
|              | Thickness        | A              | Degree ( ° )  | QNT Minute             | B            | C            | D           | mm                                 | Length x Width x Height (LxWxH) |      |      | kW          | Kg     |
|              | mm               | mm             |               |                        | mm           | mm           | mm          |                                    | mm                              | mm   | mm   |             |        |
| COMFORT 1303 | 3                | 1350           | 2,3           | 35                     | 1655         | 800          | 520         | 750                                | 2020                            | 1575 | 1230 | 3           | 1450   |
| COMFORT 1503 | 3                | 1550           | 2,3           | 35                     | 1855         | 800          | 520         | 750                                | 2220                            | 1575 | 1230 | 3           | 1600   |
| COMFORT 2003 | 3                | 2050           | 1,5           | 35                     | 2355         | 800          | 520         | 750                                | 2720                            | 1575 | 1230 | 3           | 1900   |
| COMFORT 2004 | 4                | 2050           | 1,5           | 30                     | 2355         | 800          | 530         | 750                                | 2720                            | 1630 | 1230 | 7.5         | 2310   |
| COMFORT 2504 | 4                | 2550           | 1,5           | 30                     | 2855         | 800          | 530         | 750                                | 3220                            | 1630 | 1230 | 7.5         | 3350   |
| COMFORT 3004 | 4                | 3050           | 1,5           | 30                     | 3355         | 800          | 530         | 750                                | 3720                            | 1630 | 1230 | 7.5         | 3850   |
| COMFORT 3504 | 4                | 3550           | 1,3           | 30                     | 3855         | 800          | 530         | 750                                | 4220                            | 1630 | 1230 | 7.5         | 4650   |
| COMFORT 4004 | 4                | 4050           | 1,2           | 30                     | 4355         | 800          | 530         | 750                                | 4720                            | 1630 | 1230 | 7.5         | 5500   |
| COMFORT 2505 | 5                | 2550           | 1,5           | 30                     | 2855         | 800          | 530         | 750                                | 3220                            | 1630 | 1230 | 7.5         | 3500   |
| COMFORT 3005 | 5                | 3050           | 1,5           | 30                     | 3355         | 800          | 530         | 750                                | 3720                            | 1630 | 1230 | 7.5         | 4000   |
| COMFORT 1306 | 6                | 1350           | 2,3           | 30                     | 1655         | 800          | 530         | 750                                | 2020                            | 1630 | 1230 | 7.5         | 2350   |
| COMFORT 1506 | 6                | 1550           | 2,3           | 30                     | 1855         | 800          | 530         | 750                                | 2220                            | 1630 | 1230 | 7.5         | 2600   |
| COMFORT 2006 | 6                | 2050           | 2,3           | 30                     | 2355         | 800          | 530         | 750                                | 2720                            | 1630 | 1230 | 7.5         | 2900   |



# MOTORIZED GUILLOTINE SHEAR

 **ums**<sup>®</sup>  
SHEET METAL PROCESSING MACHINE



# HYDRAULIC GUILLOTINE SHEAR



# HYDRAULIC GUILLOTINE SHEAR



PRO-SERIES

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# PRO-SERIES

## GENERAL FEATURES

PRO Series Hydraulic CNC Rake Angle Guillotine Shears provide high-quality cutting for different types of materials and different thicknesses. By entering the material type, thickness, and length into the control unit, the machine automatically determines the cutting angle, blade clearance, cutting length, and back gauge positioning.

In small sheet metal cutting, the stroke is automatically shortened and the working speed is increased. the machine can realize the user's mistakes and block them. the blades have a long life as well.

The precise movement of the upper table is provided by hardened sliding rulers which helps to lessen the skid lubrication and maintenance much.

PRO series shears can be manufactured for the big cutting capacities (big thickness length), the ball screw back gauge movement is 1000 mm with motorized Blade gap adjustment.

The back gauge has a positioning accuracy of  $\pm 0.1$  mm, with a programmable blade gap, and rake angle adjustment.



- Special design of programmable UMS 1000 mm motorized back gauge with CNC controller for PRO-SERIES.

# HYDRAULIC GUILLOTINE SHEAR



## STANDARD SPECIFICATIONS

- CYBELEC Touch 8 touch screen CNC control unit.
- Rexroth / Hoerbiger Hydraulic System
- Automatic CNC controlled blade gap, rake angle adjustment.
- 1000 mm CNC Control, programmable, Motorized back Gauge
- 180 mm Throat depth
- Cutting line illumination
- Programmable back gauge movement
- Lifting feature of the back gauge for parts longer than 1000 mm.
- Adjustable cutting length from the control panel to increase the number of cuts in short cuts
- Ball bearing feeding table
- 2 cutting edges on the upper blade / 4 cutting edges on the lower blade
- Special joint system that reduces the need for maintenance
- Front support arms 1,000 mm, with ruler, T-slot and stopper
- Front and side protection guards
- Collapsible Finger Protection sheet guard 1000 mm
- Foot pedal
- Movable control arms with protection cabinets
- Emergency stop buttons

**Standard  
Control Unit**  
CYBELEC Touch 8



PRO-SERIES

# PRO-SERIES

## OPTIONAL FEATURES

- Pneumatic Seet Support System
- 0-180 ° Angular cutting device
- Front support arms with the desired length
- Front finger safety light curtain
- Special blade set for chrome sheet
- Laser Cutting line
- Oil cooler / Oil heater
- Automatic or manual central lubrication.
- Air-conditioner system for the electrical cabinet.
- Back light barrier for CE norms.



● 0-180 ° Angular cutting device



● Pneumatic Sheet Support System in the back

# HYDRAULIC GUILLOTINE SHEAR

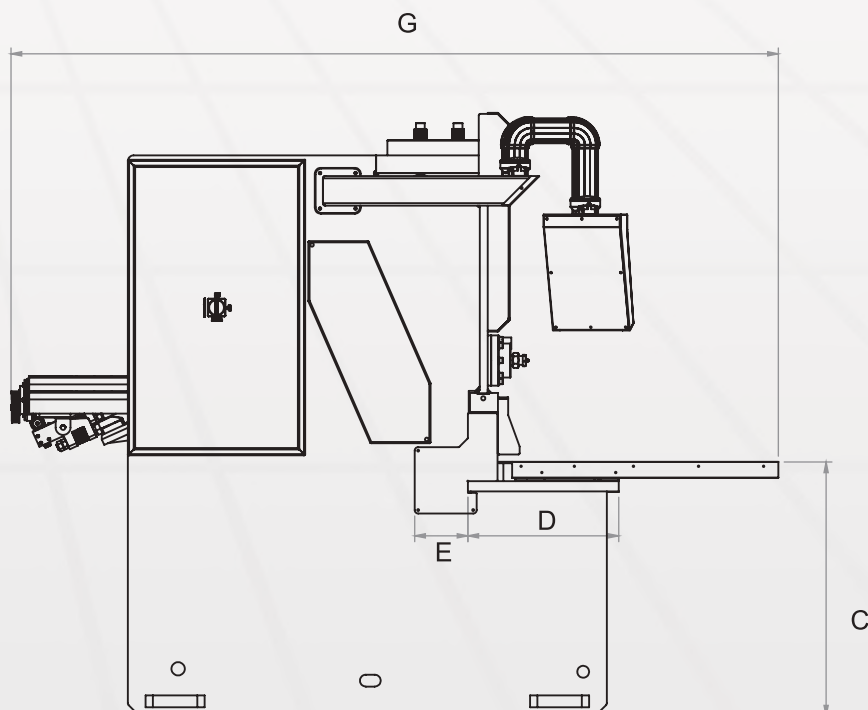
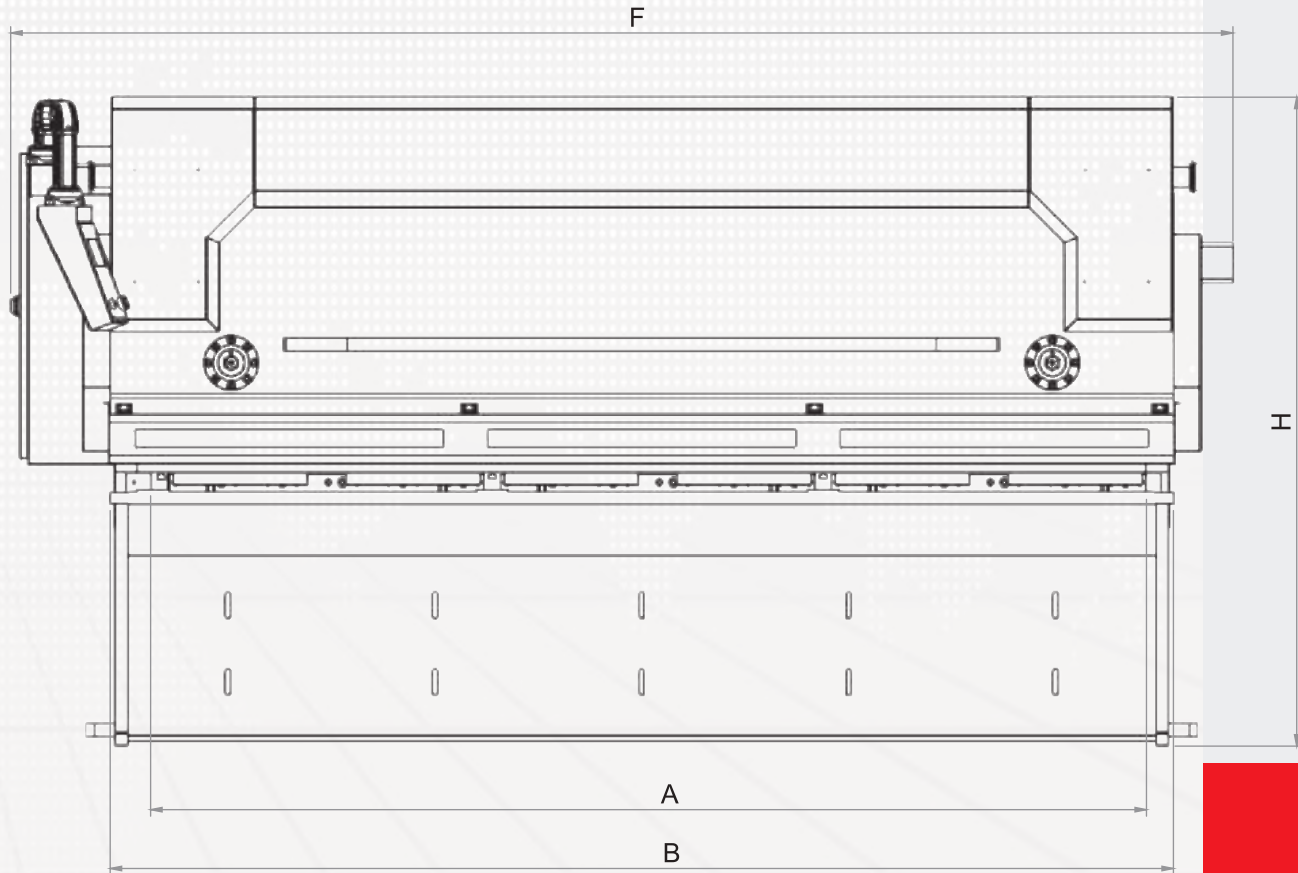
## PRO SERIES TECHNICAL SPECIFICATIONS TABLE

| Model    | Cutting capacity      |                       | Cutting Length | Cutting Angle | Pressure roller | Cutting Speed / Quick Mode | Table Length | Table Height | Table Width | Throat Depth | Back gauge movement distance X-Axis | Machine dimensions                 |      |      | Oil Tank | Engine power | Weight |
|----------|-----------------------|-----------------------|----------------|---------------|-----------------|----------------------------|--------------|--------------|-------------|--------------|-------------------------------------|------------------------------------|------|------|----------|--------------|--------|
|          | 450 N/mm <sup>2</sup> | 700 N/mm <sup>2</sup> | A              | Degree (°)    | Qty             | hpm                        | B            | C            | D           | E            | mm                                  | Lengthx Width x Height (F x G x H) |      |      | lt       | kW           | Ton    |
|          | mm                    | mm                    |                |               |                 |                            | mm           | mm           |             |              |                                     |                                    |      |      |          |              |        |
| PRO 3006 | 6                     | 4                     | 3100           | 0,5-2         | 15              | 10/15                      | 3320         | 840          | 485         | 160          | 1000                                | 3800                               | 2760 | 1870 | 150      | 11           | 7000   |
| PRO 4006 | 6                     | 4                     | 4100           | 0,5-2         | 18              | 10/14                      | 4360         | 880          | 490         | 160          | 1000                                | 4840                               | 2780 | 2000 | 150      | 11           | 9200   |
| PRO 6006 | 6                     | 4                     | 6100           | 0,5-2         | 27              | 9/13                       | 6280         | 940          | 580         | 160          | 1000                                | 6800                               | 2860 | 2270 | 240      | 22           | 21500  |
| PRO 3008 | 8                     | 5                     | 3100           | 0,5-2,7       | 15              | 10/15                      | 3330         | 860          | 490         | 160          | 1000                                | 3820                               | 2780 | 2010 | 180      | 18.5         | 8000   |
| PRO 4008 | 8                     | 5                     | 4100           | 0,5-2,7       | 18              | 9/13                       | 4370         | 900          | 515         | 160          | 1000                                | 4860                               | 2810 | 2160 | 180      | 18.5         | 11000  |
| PRO 3010 | 10                    | 6                     | 3100           | 0,5-3         | 15              | 7/13                       | 3340         | 860          | 510         | 160          | 1000                                | 3820                               | 2800 | 2050 | 240      | 22           | 9000   |
| PRO 4010 | 10                    | 6                     | 4100           | 0,5-3         | 19              | 6/12                       | 4370         | 920          | 545         | 160          | 1000                                | 4860                               | 2860 | 2220 | 240      | 22           | 13250  |
| PRO 6010 | 10                    | 6                     | 6100           | 0,5-3         | 27              | 5/12                       | 6300         | 1000         | 590         | 160          | 1000                                | 6820                               | 2880 | 2400 | 330      | 30           | 24000  |
| PRO 3013 | 13                    | 8                     | 3100           | 0,5-3         | 15              | 7/13                       | 3370         | 900          | 540         | 160          | 1000                                | 3840                               | 2830 | 2180 | 330      | 30           | 11000  |
| PRO 4013 | 13                    | 8                     | 4100           | 0,5-3         | 19              | 6/12                       | 4390         | 940          | 570         | 160          | 1000                                | 4880                               | 2880 | 2300 | 330      | 30           | 15900  |
| PRO 6013 | 13                    | 8                     | 6100           | 0,5-3         | 27              | 5/12                       | 6320         | 1020         | 610         | 160          | 1000                                | 6850                               | 2880 | 2820 | 380      | 37           | 32000  |
| PRO 3016 | 16                    | 10                    | 3100           | 0,5-3         | 18              | 6/12                       | 3390         | 935          | 570         | 160          | 1000                                | 3900                               | 2900 | 2340 | 380      | 37           | 14800  |
| PRO 4016 | 16                    | 10                    | 4100           | 0,5-3         | 19              | 6/12                       | 4430         | 1000         | 590         | 160          | 1000                                | 4900                               | 2930 | 2550 | 380      | 37           | 22300  |
| PRO 6016 | 16                    | 10                    | 6100           | 0,5-3         | 27              | 5/9                        | 6350         | 1060         | 650         | 160          | 1000                                | 6900                               | 2930 | 3180 | 440      | 45           | 38500  |
| PRO 3020 | 20                    | 13                    | 3100           | 0,5-3         | 18              | 5/10                       | 3430         | 960          | 580         | 160          | 1000                                | 3950                               | 2620 | 2500 | 440      | 45           | 19300  |
| PRO 4020 | 20                    | 13                    | 4100           | 0,5-3         | 19              | 5/10                       | 4450         | 1060         | 630         | 160          | 1000                                | 4950                               | 2930 | 2600 | 440      | 45           | 27800  |
| PRO 6020 | 20                    | 13                    | 6100           | 0,5-3         | 27              | 5/7                        | 6370         | 1120         | 680         | 160          | 1000                                | 6950                               | 2950 | 3220 | 500      | 55           | 40000  |
| PRO 3025 | 25                    | 17                    | 3100           | 0,5-3         | 18              | 4/8                        | 3450         | 990          | 580         | 160          | 1000                                | 3950                               | 2930 | 2640 | 500      | 55           | 23800  |
| PRO 4025 | 25                    | 17                    | 4100           | 0,5-3         | 19              | 4/8                        | 4490         | 1030         | 670         | 160          | 1000                                | 4950                               | 2970 | 2700 | 500      | 55           | 32800  |
| PRO 6025 | 25                    | 17                    | 6100           | 0,5-3         | 27              | 4/6                        | 6410         | 1140         | 710         | 160          | 1000                                | 6950                               | 2990 | 3320 | 600      | 75           | 43500  |



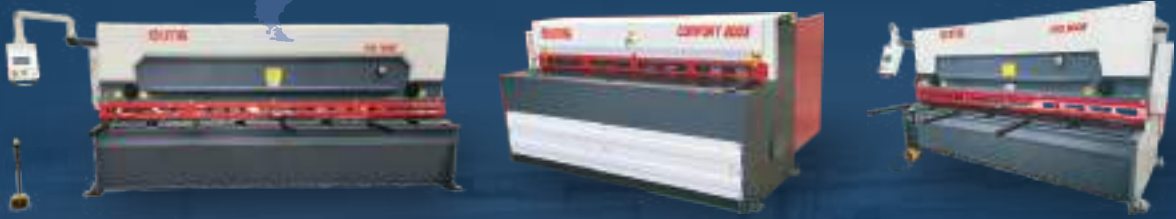
# PRO-SERIES

## PRO SERIES TECHNICAL SPECIFICATIONS





A professional touch to metal starts  
with **UMS** technology



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