



ishhear

GUILLOTINE SHEAR



1950

MVD produced its first machine .

1971

The first sheet metal working machine "perforation press" was presented to the market.

1974

The production of "Heavy-duty Press Brakes and Guillotine Shears" started and MVD had the distinction of being the first Turkish manufacturer for heavy press brakes and shears.

1981

Moved to second factory and added the production of 4 roll bending machines and Expanded Metal presses in the next years. Thus, a great variety of machines were presented in sheet metal working industry.

1994

MVD produced the first tandem press brake in Turkey.

2001

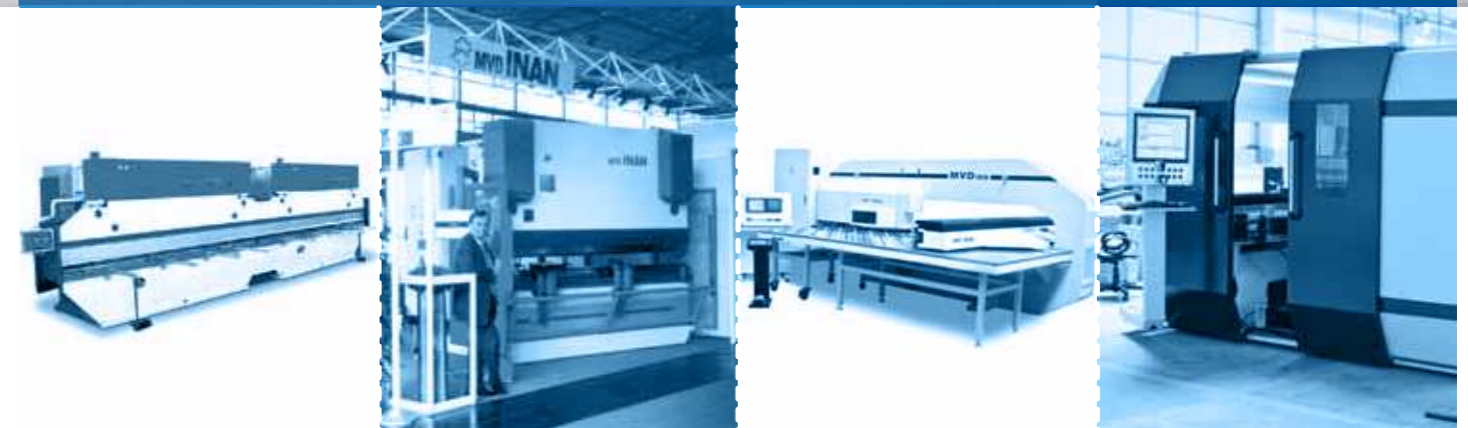
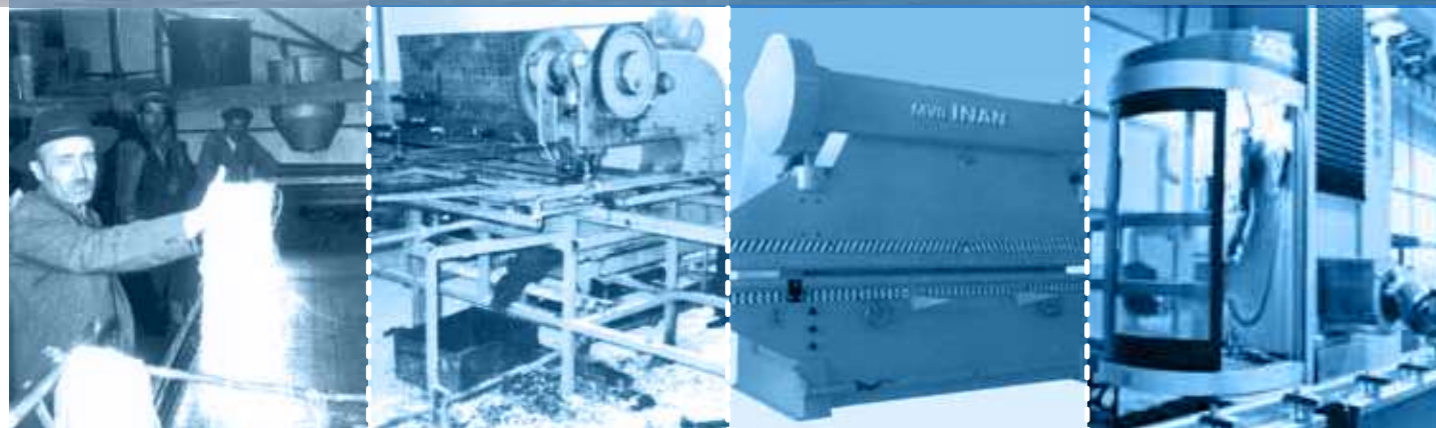
Finalised the CE conformity procedures and had its machines CE marked.

2003

CNC Hydraulic Turret Punch machine was presented to the market.

2011

Plasma cutting machine and Fiber Laser Cutting machines were presented to the market.





Quality High Technology

Quality and service support is accepted as principle. Designing and manufacturing are based on reliability, durability and precision.

Machines are easy to use and are built to be ready for user errors. Machines are designed and analyzed with 3-D supported computer aided programs, precisely machined in moving column CNC machining centres, equipped with world-known equipments and presented to the customers' use after quality control.



iShear A Series

MECHANICAL GUILLOTINE SHEAR



General Features

- ▶ A SERIES Guillotine Shears, suitable for cutting thin sheet material, up to thickness of 4 mm
- ▶ Machine body and upper beam is made of steel constructions, has been designed according minimum stretch and optimum resistance criteria
- ▶ Body, as the manufacture of precise CNC machining center for provide maximum cutting quality and accuracy.

Standard Equipments

- ▶ Welded one piece steel frame using rigid structural steel
- ▶ Rigid welded monoblock frame provide Maximum cutting accuracy,
- ▶ Digital NC control unit
- ▶ Automatic, Digital controlled motorized back gauge 750mm range (stroke)
- ▶ Schneider-Telemecanique electrical components, with ventilations electrical cabinet
- ▶ 4 Cutting edges blade produced from high alloy steel
- ▶ Mechanical sheet hold down system holds the sheet in place during the cutting process.
- ▶ Simple and Easy operable Blade Gap adjustment system
- ▶ Roller bearings on the table to help feeding sheets to the machine easily
- ▶ Front Support Arms with scale
- ▶ Foot pedal stand and control unit for Single or Multi cutting operations
- ▶ Rear light beams with CE conformity
- ▶ Emergency stop button
- ▶ Back side protections cover
- ▶ Shadow, illuminations cutting line
- ▶ Complete electrical switch board and control panel for 400V AC 3 Phase 50Hz

Optional Equipments

- ▶ Touch Screen CNC controller
- ▶ Pneumatic sheet support system and sheet sliding
- ▶ Adjustable Angular gauge sliding T slot (0-180 degree) on front
- ▶ Longer Front Support Arms

▶ Controller



▶ Elgo P9521 NC
Standard



▶ Cybelec Touch 6
Optional



▶ Elgo P40
Optional

▶ Equipments



▶ Pneumatic Sheet Support System
Optional



▶ Adjustable Angular Gauge
Optional



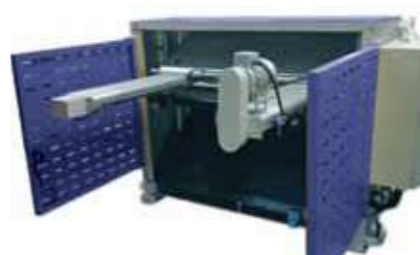
▶ Roller Bearing Top Table



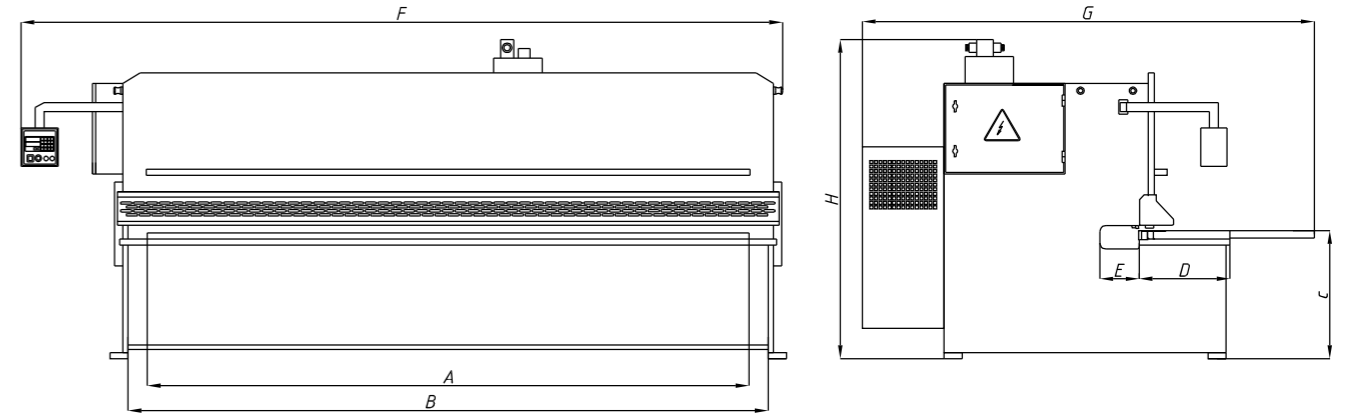
▶ Electrical Cabinet



▶ Rear Protection Light Beams



▶ Back Gauge



▶ Technical Table

iShear A Series		A04-2000	A04-2600	
Cutting capacity	450N/mm ²	4	4	mm.
Cutting length	A	2100	2600	mm.
Cutting Angle		1,7	1,7	degree
Speed Stroke per Minute		42	34	1/min
Table Height	C	850	850	mm.
Machine Length	F	2500	3100	mm.
Machine Height	H	1350	1350	mm.
Machine Width	G	2250	2250	mm.
Motor Power		7,5	7,5	Kw.
Weight		2500	2900	Kg
Technical specifications are subject to change without notice				
Special capacity machines can be manufactured upon request				