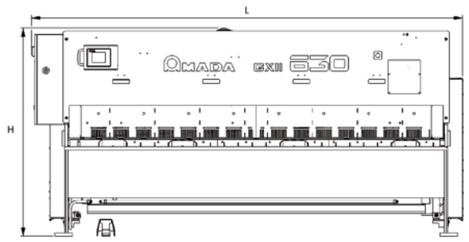
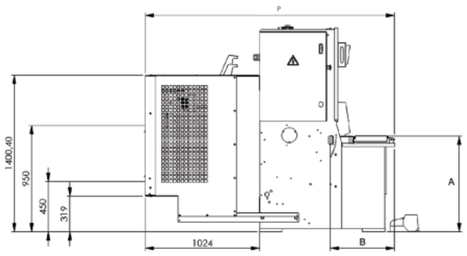
SPECIFICATIONS		GS II/GX II TYPE		
		630	1230	840
Cutting length (mm)		3050	3050	4050
Maximum thickness	Steel 450 MPa/mm^2	6,35	12	8
	Stainless 600 MPa/mm^2	4	8	6
	Aluminium 300 MPa/mm^2	8	14	10
Rake angle	Min.	40'	40'	40'
	Max.	2°20'	2°50'	2°10'
Hit rate (hits/min)	Min. length and angle	24	22	19
	Max. length and angle	13	11	11
Max. hit rate (hits/mn) Min.angle and 100 mm length		33	29	29
Back gauge stroke (mm)		1000	1000	1000
Back gauge speed (mm/sec)		100	100	100
Number of hold-downs		16	16	21
Number of stainless plates		4	4	5
Drawing (plane)	Length L (mm)	3790	3850	4810
	Height H (mm)	1860	2040	2040
	Depth P (mm)	2230	2380	2510
	Depth with conveyor PR + EV (mm)	3250	3250	3250
	Height A (working surface) (mm)	860	860	860
	Depth B (pass line) (mm)	575	575	700
Electical		6 KVA	16 KVA	16 KVA





GSII / GXII

Shearing machines

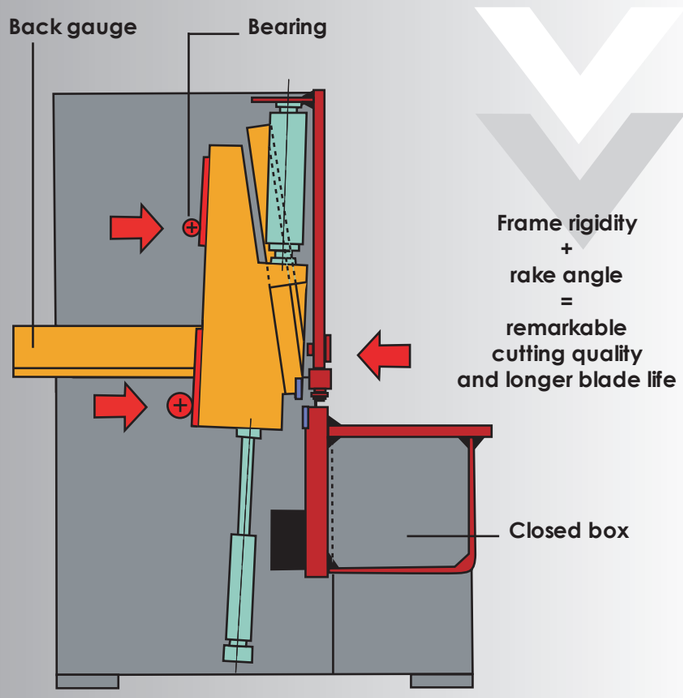
Address : Paris-Nord II - 96, avenue de la Pyramide
P.O. box : BP 41040 - Roissy en France - 95912 Roissy CDG cedex
Phone: +33 (0)1 49 90 30 00 - **Fax :** +33 (0)1 49 90 31 99 - **www.amada.fr**

GS II AND GX II SHEARING MACHINES: QUALITY, ACCURACY, RELIABILITY

AMADA'S remarkable and long-lasting experience as a machine-tool manufacturer has contributed to develop GS II AND GX II shears currently designed and manufactured in our French Chateau-du-Loir plant.
GS II and GX II have parts in common: same frame, hydraulics, numerical control and back gauge. Only equipment will differ.
With this new range of machines, AMADA provides top-ranking quality machines and gives answers to all requirements.

RIGID FRAME
AND RIGOROUS GUIDING

The cutting accuracy highly depends on the clearance between blades which should remain constant over the entire machine length.
Two sets of roller bearings ensure the blade holder guiding of AMADA shears.
A closed box ensures a high degree of structural rigidity to the machine while providing the consistency of the blade clearance.
An ideal blade rake angle is provided by a 2° tilt of the upper blade holder.



GS II 1230

CUTTING CONDITIONS
ACCURACY AS AN ASSET

On GS II shears, the clearance between blades as well as the rake angle can be adjusted manually. Though, such an adjustment is carried out automatically on GXII shears with regard to the thickness to be processed. For precise scribed line shearing, an optical sight device enables the operator to have a clear view of the upper blade cutting edge position to the cutting line.

NUMERICAL CONTROL
SIMPLE AND EASY ACCESS

AMADA new numerical control, equipped with a touch screen, automatically handles parameters related to the cutting operation. Fitted with a 50 program-memory (15 seq. per progr.), this NC prevents from any positioning error, either from the blade support or the back gauge.
The program can be easily visualized by the operator through a 0° to 90° orientation of the NC angle.

NUMERICAL BACK GAUGE
FAST AND ACCURATE

- **Backgauge speed: 100 mm/sec**
- **Maximum back gauge retract: 1000 mm**
- **Ball screws stroke**
- **Programmable retract**
- **Assisted back gauge tilt (for cuts over 1000mm)**

ERGONOMIC
FRONT TABLE

Designed for an easy installation of accessories, this user-friendly table exists in two types:

* **Ball bearing support tables**
(standard on GX machines)
* **Flat support tables**
(standard on GS machines)

Several optional accessories may be equipped such as squaring arms, front support or without a micrometric stopper.