

GV

# adira

METAL FORMING SOLUTIONS



## SHEARS GV

TECHNICAL DATA SHEETS

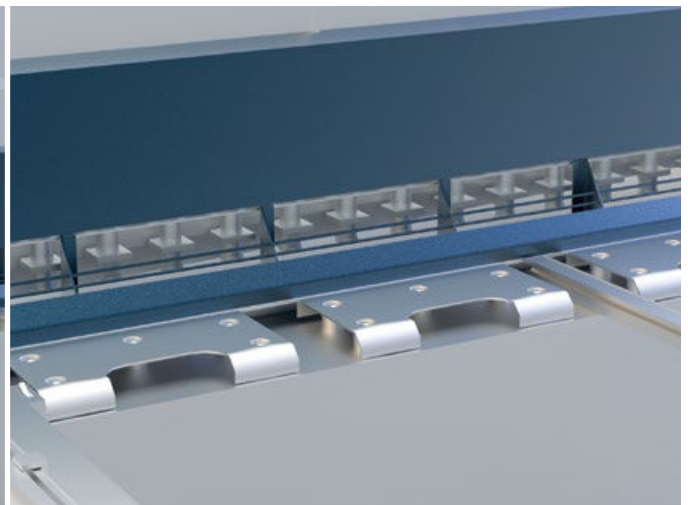
## Shears

# GV

The ADIRA GV range of hydraulic shears are robust and reliable, characterised by their vertical cutting blade and variable angle.



Strips are less twisted when cutting thicknesses less than the nominal thickness, by using a smaller cutting angle.



## Main Features

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Robust back gauge with movable positioning, allows rotation for retraction of the guide

Adapts to cutting sheets of any thickness up to maximum capacity

Strips are less twisted when cutting thicknesses less than nominal thickness, by using a smaller cutting angle and integrating the optional anti-torsion system

## Benefits

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4-edged upper and lower blade;

Little or no torsion demand on the frame and blade holder;

Standard 410 mm arch and possibility of special arches;

Cuts greater thicknesses (between 16 and 25 mm).

It can handle sheet metal measuring 3 to 6 metres (or longer), with thicknesses of between 16 and 25 mm. There are also a wide range of accessories and optional extras, increasing their flexibility of use.

Solution for customers that need a high-yield, high-performance machine.

Ability to carry out highly complex work with precision.



# TECHNICAL DATA SHEETS

GV		GV 1630	GV 1660	GV 2030	GV 2530
<b>Cutting capacity (max. cutting angle)</b>					
Mild Steel (45 daN/mm <sup>2</sup> )	mm	16	16	20	25.5
Stainless Steel (70 daN/mm <sup>2</sup> )	mm	10	10	14	17
<b>Cutting capacity (normal cutting angle)</b>					
Mild Steel (45 daN/mm <sup>2</sup> )	mm	13	13	16	20
Stainless Steel (70 daN/mm <sup>2</sup> )	mm	8	8	10	14
Cutting length	mm	3050	6100	3050	3050
Side Throat Depth	mm	410	410	410	410
<b>Cutting angle</b>					
0.5° at nominal	degrees	2	1.5	2	2
0.5° at maximum	degrees	3.5	2.75	3.5	3.5
Adjustment of gap between blades	mm	0,05 - 2,5	0,05 - 2,5	0,05 - 3	0,05 - 3,5
Electric motor power	kW	30	30	37	45
Number of Hold-Downs	-	16	31	16	16
Hold-Downs force	ton	45	76	58	95
Back gauge stroke	mm	1100	1100	1100	1100
<b>Cutting frequency</b>					
Normal cutting angle	cuts/min.	16 a 32	8 a 17	13 a 25	9 a 17
Maximum cutting angle	cuts/min.	10 a 25	5 a 13	9 a 21	6 a 14
<b>Dimensions (CE Machine)</b>					
Length	mm	4150	7240	4170	4250
Width	mm	2370	2370	2370	2370
Height	mm	2550	2770	2550	2730
Approximate Weight	Kg	16000	35000	17000	23000



Equipment		GV
<b>Functions</b>	Anti-torsion system	■
	Auxiliary ramp for repeat cuts	■
	Support table for thin sheets - heavy-duty series	■
	Unloading ramp	standard
<b>Arms</b>	Simple front support arm, L=1600 mm	standard
	2 Front support arms with scale, L=1600 mm	standard
	Additional front support arm with scale, L=1600 mm	■
	2 long squaring guides, L=1600 mm	standard
	Additional long squaring guide, L=1600 mm	■
	- every additional 500 linear mm	■
	Squaring arm with scale and pedestal, L=2050 mm	■
	Squaring arm with scale and pedestal, L=3050 mm	■
	Squaring arm with two scales and pedestal, L=2050 mm	■
	Squaring arm with two scales and pedestal, L=3050 mm	■
	Transfer balls to be mounted on squaring arms, L=2050 mm	■
	Transfer balls to be mounted on squaring arms, L=3050 mm	■
<b>Back gauges</b>	Retractable back gauge	■
	Front gauge	standard
	Retractable back gauge	standard
	Retractable back gauge with micrometre adjustment	■
	Back gauge for repeat cuts	■
	Auxiliary back gauge for goniometer	■
	Ball screw back gauge	standard
<b>Safety</b>	Rear protection via photoelectric cell	standard
	Cutting line lighting	standard
	Front protection via photoelectric cell	■
<b>Controls</b>	Cybelec Cybtouch 8	standard
<b>Other</b>	Second control pedal	■
	Goniometer	■



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