

CGI/A-BCAV Models



Product **PLUS**

The new generation of electric shears CGI will know how to meet the quality requirements inherent to the businesses of metal protection of buildings and industrial metal sheet working. Besides its modern construction, the CGI was designed and manufactured for an intense use, peculiar to series production. Its strong and sturdy frame, high output and high cutting quality make it one of the most efficient shears of today's market. Working before the machine is made easy thanks to the controls accessible from the front and the numerous equipment improve the handling and cutting of large-sized metal sheets.



CGI3080A-BCAV Model shown with options

Electric guillotine shears with manual belt-type back gauge
Lengths available: 2m, 2.5m, 3m and 4m

Application area

- Roofing
- Facade / cladding
- Metal carpentry
- Metal framework
- Metalwork and ironwork
- Maintenance workshops

Advantages

- Reinforced rigidity, more cutting power
- Optimised for series production
- High operating comfort
- Possibility to cut to 5mm
- Powerful LED-lighting of the cutting line
- Reliability and safety

Manual belt-type back gauge

- Control and display from the front of the machine
- Manual back gauge with fast movements
- Control of the back gauge's position with digital counter
- Wide counter face for an easy reading
- Back gauge stroke from 5 to 750mm
- Conicity device for cross-cuts

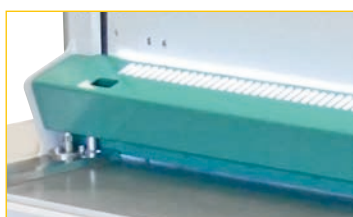


Features

CGI shears also available with electric back gauge and numerical control (BAE)

	CGI2050A-BCAV	CGI2550A-BCAV	CGI3080A-BCAV	CGI4080A-BCAV
Useful cutting length (mm)	2 050	2 550	3 080	4 080
Max. capacity Zinc (mm)	3.0	3.0	2.0	1.5
Max. capacity Aluminum 1050-H44 (mm)	3.0	3.0	2.0	1.5
Max. capacity Steel S235JR (mm)	2.0	2.0	1.5	1.2
Max. capacity Stainless steel 304L (mm)	1.3	1.3	1.0	0.8
<i>Note: for cuts from 5 to 25mm, capacity reduction of -50%</i>				
Cutting rate (cuts / min)	25	25	25	25
Manual back gauge stroke (mm)	From 5 to 750	From 5 to 750	From 5 to 750	From 5 to 750
Power (kW)	2.2	2.2	2.2	2.2
Power supply *(V)	400V Three-ph + earth	400V Three-ph + earth	400V Three-ph + earth	400V Three-ph + earth
Dimensions (mm)	2 740 x 1 730 x 1 460	3 240 x 1 730 x 1 460	3 770 x 1 730 x 1 460	4 770 x 1 730 x 1 460
Weight (kg)	1 400	1 550	1 700	2 250

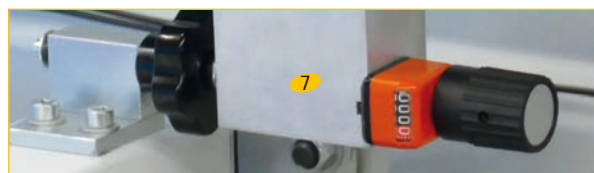
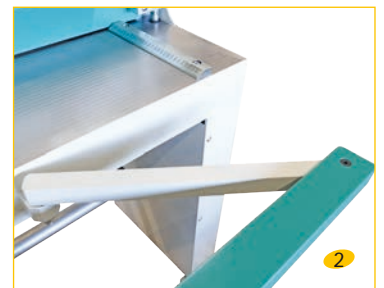
* Choice of the voltage to be specified with the order / possible 220V power supply as an option



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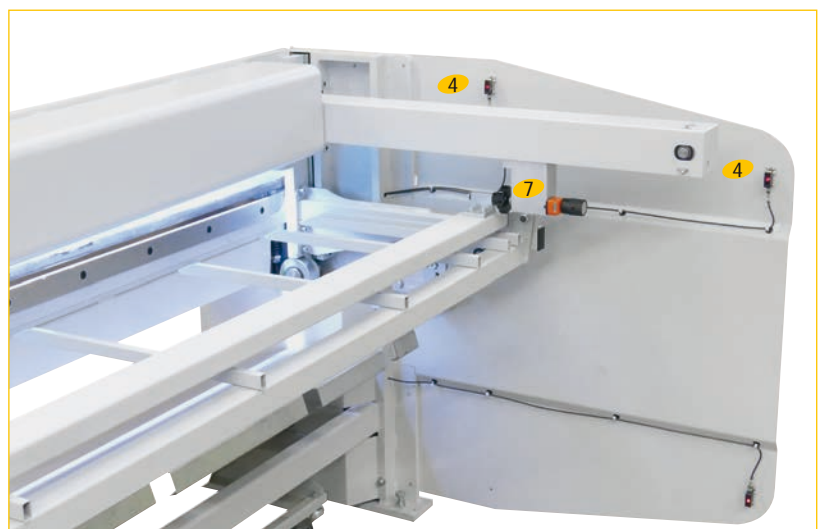
Standard equipment

- Front table, 300mm wide **1** and 800mm high, grooved every 10mm to facilitate cuts made without the back gauge
- Retractable front table + 480mm **2** to support large sizes
- Retractable back sheet support 120mm (option plate excluded)
- Graduated square gauge, 300mm on the left **3** 500mm on the right
- Automatic clamping system
- Foot-operated control
- Reversible one-piece blades
- Counter of number of cuts with reset possibly
- Photocells providing safe access to the back of the machine **4**
- Powerful lighting of the cutting line with LED strip **5** integrated in the sheet holding system (permanent lighting, better visibility)
- Slinging rings



• Manual belt-type back gauge with:

- Stroke from 5 to 750mm
- Control from the front **6**
- Digital display accurate to a tenth of a millimeter of the back gauge's position
- Conicity device enabling a slanted position of the back gauge with a counter **7** (accurate to $\pm 0.1\text{mm}$)



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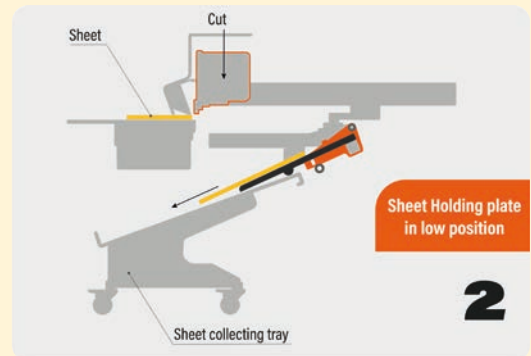
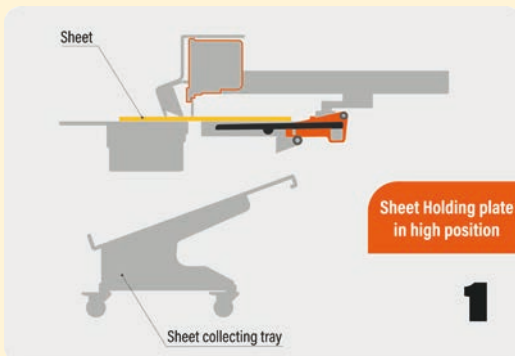
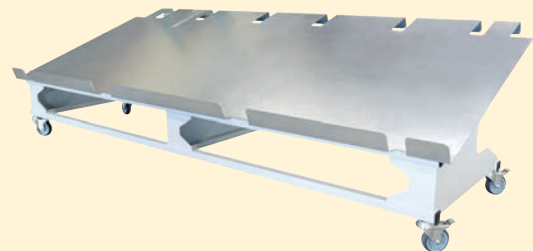
Additional equipment

- Right side square gauge 1000mm
Ref.CGI-EQUER-1000
- Left side square gauge 1000mm
Ref.CGI-EQUER-1000G

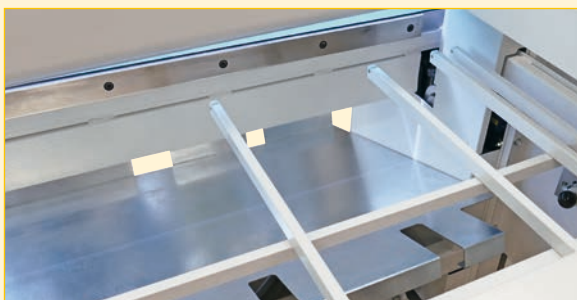


- Automatic sheet holding plate **8**
Automatic sheet holding plate, to support large sheets. Connected with the lowering of the blade, it also carries the sheets to the front in the collecting tray once the cut is made. (See references in the table below)

- Moveable sheet collecting tray
On wheels with brakes and with two positions to collect the metal sheet up to 750mm wide. (See references in the table below)



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Automatic sheet holding plate

- Machine with power supply in 220V
Instead of 400V Three-ph as standard, Ref.CGI-220-BCAV-BCREM

OPTIONS Features

Automatic sheet holding plate (Ref.)	CGI2050A-PEIGNE	CGI2550A-PEIGNE	CGI3080A-PEIGNE	CGI4080A-PEIGNE
Maximum distance between 2 fingers (mm)	370	370	495	495
Minimum distance between 2 fingers (mm)	40	40	40	40
Number of fingers	10	11	12	14
Maximum format of sheets (mm)	750	750	750	750
Sheet collecting tray on wheels (Ref.)	CGM2050-BL	CGM2550-BL	CGM3080-BL	CGI4080-BL
Number of wheels with brakes	4	4	6	8

