

Hydraulic Guillotine Shears



General Characteristics

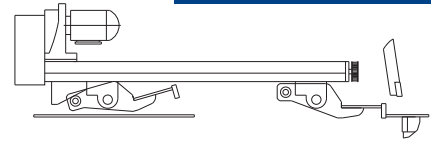
- Welded one-piece steel frame using rigid structural steel
- The one-piece welded frame is machined at one time on a moving column CNC machining centre and this maintains maximum cutting accuracy
- Special MVD INAN design that double speed operation is maintained. Slow approach for maximum accuracy
- Hydraulic cylinders are machined from a solid steel billet and honed afterwards.
- Pistons are steel forgings, precision ground and micropolished for years of trouble-free service
- Hydraulic cylinders in series connection and easily serviceable
- World brand low-maintenance hydraulic block with pressure relief valves
- Side frame construction with throat allowing continuous slitting of strips up to 250 mm width
- Powerful holddown cylinder to avoid the sheet sliding during cutting
- Backgauge bar which swings with the top beam to prevent material from jamming
- Automatic swing-up feature of backgauge after 1000mm to feed longer sheets easily



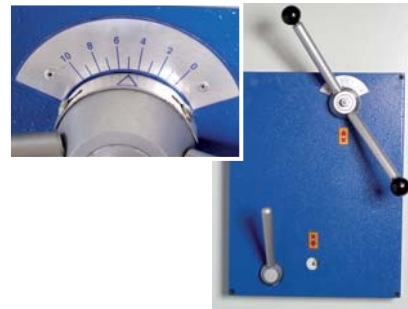
Rear panels with light guarding

Standard Equipment (for HGM and HAGM)

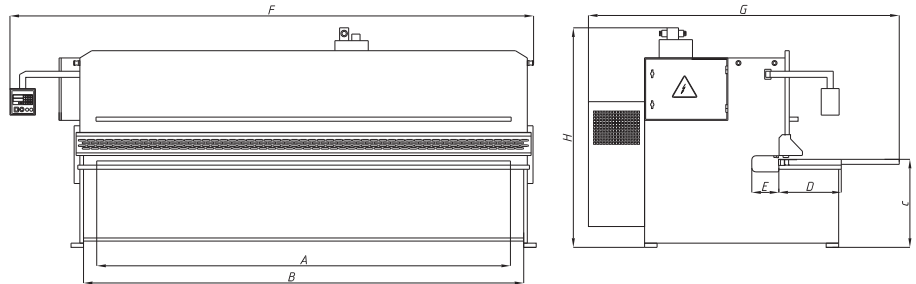
- Fast and powerful motorised backgauge with 1000mm length moving by ballscrewed shafts
- Digital Burel, Elgo, Nuova position controller (cut length, cut width, cut number, program no control)
- Blade gap adjustment for a good, square, burr-free cut and for increased blade life the blade gap must be adjusted to suit blade thickness. adjustment is made fast and simple with the single arm and its graduated markings
- Cutting length can be adjusted from the control panel so that the blade does not need to complete the entire cycle. This feature saves time and gives greater number of strokes per minute
- Roller bearings on the table to help feeding sheets to the machine easily
- Three T-slotted front support arms with ruler and flip over stops
- Foot pedal control cutting operation
- Moveable lower blade support for accurate blade gap adjustment for the long term
- Finger guard through the table, side and rear guards
- Complete electrical switch board and control panel for 400 V AC 3 phase and 50 Hz
- Oil tank level indicator
- Operator's manual
- CE conformity including rear light beams



Backgauge system



Blade gap adjustment



TECHNICAL SPECIFICATIONS

HGM	L3006	3006	3008	3010	3013	3016	3020	4006	4008	4010	4013	4014	4016	4020	6006	6008	6010		
Cutting Capacity	6	6	8	10	13	16	20	6	8	10	13	14	16	20	6	8	10	mm.	
Cutting Length	A	3200	3000	3000	3000	3000	3000	4000	4000	4000	4000	4000	4000	4000	6050	6050	6050	mm.	
Shearing Angle		1,5	1,5	1,9	2	2,1	2,25	2,75	1,5	1,5	1,5	1,8	1,8	2	2	1	1	1,1	derece
Holddown Cylinder		13	12	13	14	14	17	17	17	17	18	18	18	18	26	27	28	Adet.	
Stroke Per Minute		30	18/30	13/19	13/19	10/14	7/10	7/10	10/14	13/20	11/17	9/15	6/20	5/16	4/15	9/12	10/16	6/10	1/dak.
Clearance Between Column	B	3420	3230	3230	3240	3240	3280	3280	4230	4240	4240	4320	4350	4375	4390	6250	6300	6350	mm.
Table Height	C	800	850	850	850	850	850	900	850	850	900	900	900	900	960	900	900	900	mm.
Table Width	D	470	500	580	600	620	625	655	600	630	635	660	660	680	710	750	750	750	mm.
Throat Depth	E	140	-	250	250	250	200	150	250	250	250	250	100	250	250	100	100	100	mm.
Over All Length(*)	F	3900	4300	4330	4350	4400	4450	4450	5340	5370	5350	5450	5450	5480	5700	7350	6800	6900	mm.
Over All Height	H	1700	1600	2150	2200	2400	2400	2600	2130	2200	2380	2400	2400	2420	2850	2350	2350	2500	mm.
Over All Width	G	1800	2620	2850	3100	3150	3250	3450	2900	2950	3000	3000	3050	3100	3150	3050	2350	2500	mm.
Oil Tank		180	160	230	230	230	315	350	220	220	280	370	370	370	370	230	350	400	lt.
Motor Power		7,5	11	15	22	22	30	45	11	22	22	30	30	30	45	15	22	37	Kw.
Approx.Weight		7	6	8	10	12,5	16,5	21	11	13	18,5	19	20	25	27	25	27	30	Ton

* Changes according to control panel dimensions. • Special capacity machinery can be manufactured upon request. • Technical specifications are subject to change without notice.