



# Hydraulic Swing Beam Shear with adjustable rake

## HAGS

### Impressive cutting solutions

Highly durable upper and bottom blades create impressive cutting surfaces on the materials and allow you to make perfect cuts.



### Optional configuration

- Optional throat depth
- Front angle gauge
- Side gauge and front support arms in optional lengths
- Sheet conveyor and stacking system
- Front gauge X1, X2 axis and back gauge X3, X4 axis
- Optional backgauge stroke
- Pneumatic thin sheet support system
  - Lever type
  - Monobloc panel type
- Moveable controller panel, multi functional CNC control unit
- CYBELEC DNC 61G
- Hydraulic oil cooling and heating system
- Optional solid table
- Stainless steel blades
- Ability to increase stroke amount per minute
- Light safety system for finger protection
- Double foot pedal
- Laser cutting line
- Automatic lubrication

### Standard configuration

- ✓ Hardened blades
  - Top blades: 2 sides
  - Bottom blades: 4 sides
- ✓ CYBELEC CYBTOUCH 6 controller
- ✓ 14" throat depth
- ✓ 1000 mm (39") motorized backgauge system with 0.1 mm (.004") accuracy
- ✓ 1000 mm (39") side gauge and front support arms
- ✓ Metric and inch rulers
- ✓ Front, side and back safety panels which are suitable for CE norms
- ✓ Sheet sliding system
- ✓ SIEMENS electrical system
- ✓ Hoerbiger hydraulic system
- ✓ Moveable foot pedal
- ✓ Automatic hydraulic blade gap adjustment

Specifications		3106	3110	3113	3116	3120	3125	3140	4106	4110	4113	
		10' x 1/4"	10' x 3/8"	10' x 1/2"	10' x 5/8"	10' x 3/4"	10' x 1"	10' x 1.5"	13' x 1/4"	13' x 3/8"	13' x 1/2"	
Cutting length	mm	3100 (122")						4100 (161")				
Capacity **	mm	6 (.23")	10 (.39")	13 (.51")	16 (.63")	20 (.78")	25 (1")	40 (1.6")	6 (.23")	10 (.39")	13 (.51")	
Stroke/Min	1/min	16-24	12-22	11-20	9-16	7-13	6-10	2-4	14-22	10-17	9-15	
Hold Downs	#	14						20		18		
Main drive motor	kW	11 (15 Hp)	22 (30 Hp)		30 (40 Hp)	37 (50 Hp)	45 (60 Hp)	75 (101 Hp)	11 (15 Hp)	22 (30 Hp)		
Blade Gap	mm	.05-.8	.05-1.3	.05-1.5	.05-1.9	.05-2.3	.05-3.0	.05-5.5	.05-.8	.05-1.3	.05-1.5	
Backgauge	mm	1000 (39")						1000 (39")				
Width	mm	2315 (91")	2425 (95")	2570 (101")	2700 (106")		2725 (107")	3030 (119")	2315 (91")	2580 (102")	2700 (106")	
Height	mm	2225 (88")	2250 (89")	2400 (94")	2450 (96")	2550 (100")	2900 (114")	4360 (172")	2320 (91")	2460 (97")	2600 (102")	
Length	mm	4980 (196")	5100 (201")	5110 (201")	5210 (205")	5220 (205")	5250 (207")	6070 (239")	6000 (236")	6100 (240")	6120 (241")	
Weight	kg	7250 (15,980 lbs)	10230 (22,550 lbs)	12650 (27,890 lbs)	16500 (36,380 lbs)	18900 (41,670 lbs)	27600 (60,850 lbs)	79000 (174,170 lbs)	10450 (23,040 lbs)	15100 (33,290 lbs)	18450 (40,680 lbs)	
Item No.		9220120	9220121	9220122	9220123	9220124	9220128	9220129	9220125	9200130	9220126	

Specifications		4116	4120	4125	4140	6106	6110	6113	6116	6120	6125	6140	
		13' x 5/8"	13' x 3/4"	13' x 1"	13' x 1.5"	20' x 1/4"	20' x 3/8"	20' x 1/2"	20' x 5/8"	20' x 3/4"	20' x 1"	20' x 1.5"	
Cutting length	mm	4100 (161")					6100 (240")						
Capacity **	mm	16 (.63")	20 (.78")	25 (1")	40 (1.6")	6 (.23")	10 (.39")	13 (.51")	16 (.63")	20 (.78")	25 (1")	40 (1.6")	
Stroke/Min	1/min	7-13	6-11	5-9	2.5-4	9-15	8-13	6-11	5-9	4-7	3-5	1-2	
Hold Downs	#	18			25			26			36		
Main drive motor	kW	30 (40 Hp)	37 (50 Hp)	45 (60 Hp)	75 (101 Hp)	22 (30 Hp)			30 (40 Hp)	37 (50 Hp)	45 (60 Hp)	75 (100 Hp)	
Blade Gap	mm	.05-1.9	.05-2.3	.05-3.0	.05-5.5	.05-.8	.05-1.3	.05-1.5	.05-1.9	.05-2.3	.05-3.0	.05-5.5	
Backgauge	mm	1000 (39")					1000 (39")						
Width	mm	2700 (106")	2725 (107")	3200 (126")	2475 (97")	2575 (101")	2635 (104")	2700 (106")	2730 (107")			3790 (149")	
Height	mm	2700 (106")	3235 (127")	4360 (172")	2725 (107")			2825 (111")	2995 (118")	3120 (123")	3390 (133")	5820 (229")	
Length	mm	6220 (245")	6500 (256")	6600 (260")	8250 (325")	8265 (325")	8365 (329")	8400 (331")	8415 (331")	8570 (337")	9550 (376")		
Weight	kg	23200 (51,150 lbs)	26700 (58,860 lbs)	37700 (83,110 lbs)	104000 (229,280 lbs)	26415 (58,240 lbs)	28800 (63,490 lbs)	33300 (73,410 lbs)	41100 (90,610 lbs)	50600 (111,550 lbs)	68500 (151,020 lbs)	156200 (344,360 lbs)	
Item No.		9220131	9220127	9220132	9220133	9220134	9220135	9220136	9220137	9220138	9220139	9220140	

\*The above specifications are subject to change without prior notice. No liability for printing mistakes. Machine may be shown with optional equipment. — \*\* Cutting Capacity (42kg/mm2)



### Solutions based on your needs

HGS shears are designed to meet your fabricating needs when fast and flexible cuts are in demand.

### Standard configuration

- ✓ Hardened blades
  - Top blades: 2 sides
  - Bottom blades: 4 sides
- ✓ CYBELEC CYBTOUCH 6 controller
- ✓ 1000 mm (39") motorized backgauge system with 0.1 mm (.004") accuracy
- ✓ 1000 mm (39") side gauge & front support arms
- ✓ Metric and inch rulers
- ✓ Roller bearings on the front support arms to easy placing sheets
- ✓ Front, side and back safety panels which are suitable for CE norms
- ✓ Rear light curtains for safety
- ✓ Sheet sliding system
- ✓ SIEMENS electrical system
- ✓ Hoerbiger hydraulic system
- ✓ Manual blade gap adjustment by side-arm
- ✓ Moveable foot pedal
- ✓ Shadow line
- ✓ Collapsible finger protection
- ✓ Manual blade gap adjustment

### Optional configuration

- Optional CNC motorized blade gap
- Front angle gauge
- Side gauge and front support arms in optional lengths
- Pneumatic thin sheet support system
  - Lever type
  - Monoblock panel type
- Hydraulic oil cooling and heating system
- Optional solid table
- Stainless steel blades
- Ability to increase stroke amount per minute
- Light safety system for finger protection
- Double foot pedal
- Laser cutting line
- CE regulation and compliance certified

Specifications		2106	2606	3106	3108	3110	3113	4106	4108	4110	4113
		6' x 1/4"	8' x 1/4"	10' x 1/4"	10' x 5/16"	10' x 3/8"	10' x 1/2"	13' x 1/4"	13' x 5/16"	13' x 3/8"	13' x 1/2"
Cut Length	mm	2100 (83")	2600 (102")	3100 (122")				4100 (161")			
Capacity **	mm	6 (.23")	6 (.23")	6 (.23")	8 (.31")	10 (.39")	13 (.51")	6 (.23")	8 (.31")	10 (.39")	13 (.51")
Stroke/Min	1/min	28	24	20	16	13	11	15	12	10	9
Hold Downs	#	11	12	14				18			
Main Motor	kW	11 (15 Hp)	11 (15 Hp)	11 (15 Hp)	15 (20 Hp)	22 (30 Hp)		11 (15 Hp)	15 (20 Hp)	22 (30 Hp)	
Blade Gap	mm	.05-.8	.05-.8	.05-.8	.05-1	.05-1.3	.05-1.5	.05-.8	.05-1	.05-1.5	
Backgauge	mm	1000 (39")	1000 (39")	1000 (39")				1000 (39")			
Width	mm	2410 (95")	2410 (95")	2410 (95")	2450 (96")	2500 (98")	2625 (103")	2410 (95")	2555 (100")	2570 (101")	2670 (105")
Height	mm	1640 (65")	1640 (65")	1640 (65")	1700 (67")	2175 (86")	2235 (88")	1650 (65")	1950 (77")	2275 (90")	2335 (92")
Length	mm	3000 (118")	3500 (138")	4000 (157")	4025 (158")	4050 (159")	4100 (161")	5000 (197")	5050 (199")	5050 (199")	5100 (201")
Weight	kg	4500 (9,720 lbs)	5150 (11,350 lbs)	5700 (12,570 lbs)	7150 (15,750 lbs)	9400 (20,720 lbs)	12000 (26,450 lbs)	8100 (17,860 lbs)	10800 (23,800 lbs)	13150 (28,990 lbs)	16000 (35,280 lbs)
Item No.		9220085	9220080	9220081	9220082	9220086	9220087	9220083	9220084	9220088	9220089

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