KAAST

HGS

2000 | 3000 | 4000

Hydraulic Swing Beam Shear

STANDARD CONFIGURATION

- CYBELEC CYBTOUCH 6 Controller
- SIEMENS Electrical System
- Hoerbiger Hydraulic System
- Hardened Blades
- Blades, Top: 2 Sides, Bottom: 4 Sides
- Motorized Backgauge
- Side Gauge and Front Support Arms
- Metric and Inch Rulers
- Front Support Arms Roller Bearings
- Front, Side and Back Safety Panels
- Rear Light Curtain
- Sheet Sliding System
- Moveable Foot Pedal
- Manual Blade Gap Adjustment
- Shadow Line
- Collapsible Finger Protection

The HGS shears are built for fast, flexible, and precise cutting, making them ideal for demanding fabrication tasks. Featuring a durable **upper beam** and a fast, **single-point blade gap adjustment system**, they offer consistently high cutting quality. The **manual gap adjustment**, user-friendly **CYBELEC Cybtouch 6** touchscreen, and **Siemens electrical system** ensure smooth operation, while the **motorized backgauge system** offers 1000 mm (39”) of travel with 0.1 mm (0.004”) accuracy. Safety is enhanced with a **SICK Light Barrier** that complies with CE standards, and cutting reliability is ensured with **2 hardened top and 4 bottom blades.** Powered by a **Hoerbiger hydraulic system**, the HGS series delivers long-lasting performance.

OPTIONAL CONFIGURATION

- CNC Motorized Blade Gap
- Front Angle Gauge
- Optional Lengths Side Gauge
- Optional Lengths Front Support Arms
- Pneumatic Thin Sheet Support System
- Hydraulic Oil Cooling & Heating System
- Stainless Steel Blades
- Double Foot Pedal
- Laser Cutting Line

HGS		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”)			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)			15 (20 Hp)	22 (30 Hp)		11 (15 Hp)	15 (20 Hp)	22 (30 Hp)	
Blade Gap	mm	.05–.8			.05–1	.05–1.3	.05–1.5	.05–.8	.05–1	.05–1.5	
Backgauge	mm	1000 (39”)									
Width	mm	2410 (95”)			2450 (96”)	2500 (98”)	2625 (103”)	2410 (95”)	2555 (100”)	2570 (101”)	2670 (105”)
Height	mm	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”)		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

*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)