

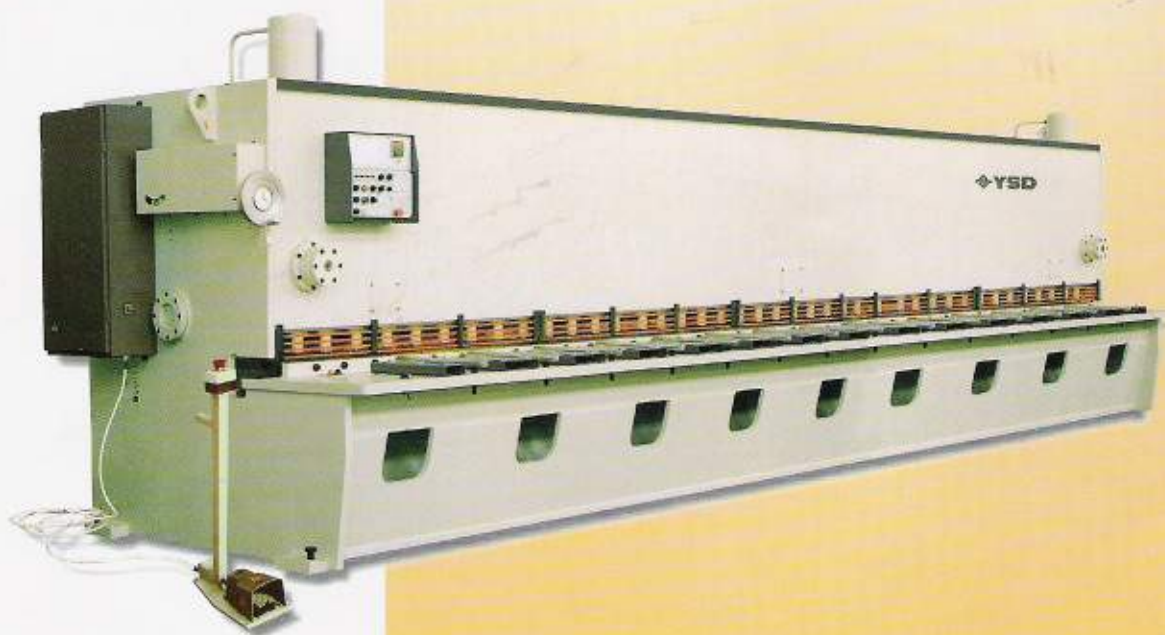


ISO9001



GUILLOTINE SHEARS

**Hydraulic and CNC
HGA(K) HGO(K)
HGN(K) HGS(K)**



HUANGSHI HUAXIN MACHINERY & EQUIPMENT CO.,LTD.

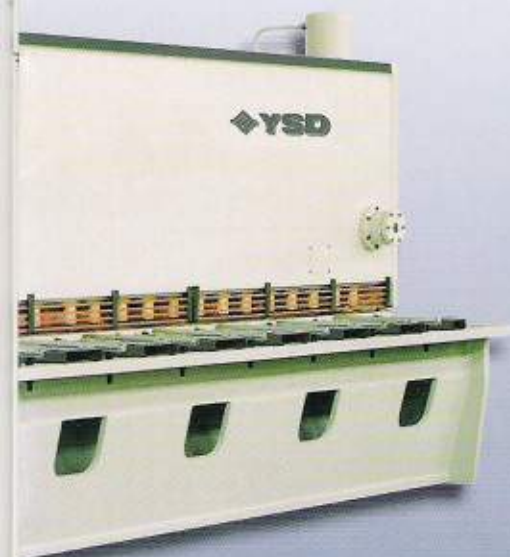
Cutting Capacity Max. 40mm ($\delta_b \leq$)
Cutting Length Max. 16000mm
High quality and exrtremely competitive pricing



HGA(K)Series



450MPa)



HGS 80/16



HGS(K) Series



HGO(K) Series



HGN(K) Series

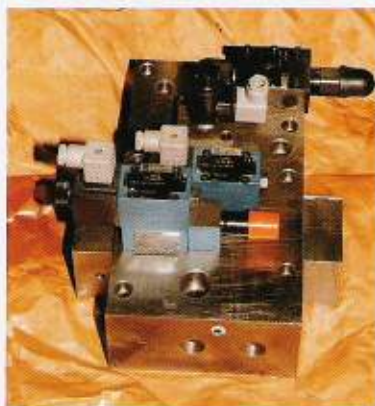
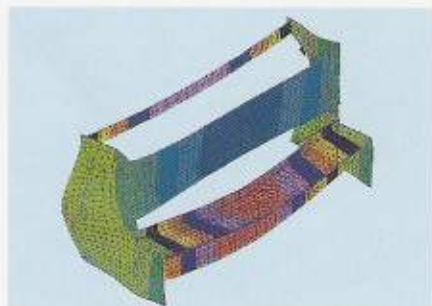
High Quality Rationality and Reliability Functionability

Reliable YSD hydraulics

The hydraulic power pack which block hydraulics minimising hoses and some connections are manufactured by YSD. Extremely reliable and precise REXROTH or VICKERS or BOSCH valves are used for the regulating circuit. There is also a low sound lever pump and a large tank with oil level and temperature gauge on oil filter. double-acting cylinders ensure high reliability safety and reliability guaranteed.

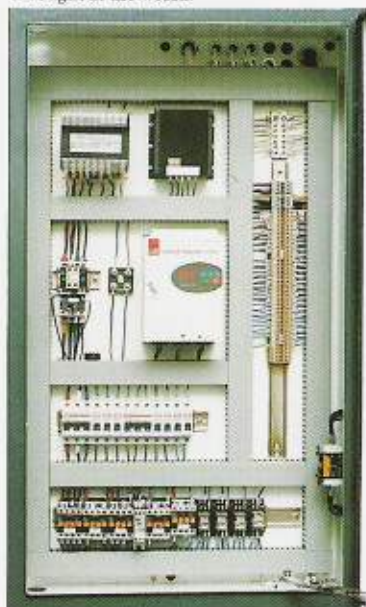
Frame

The frame has designed by UG software and welding solid steel structure and the resulting fabrication is extremely rigid giving minimal deflection under load.



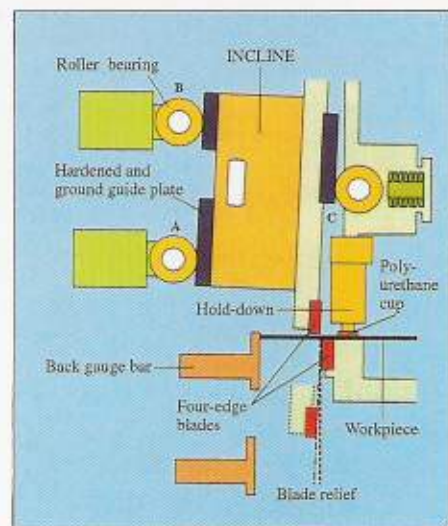
Electric

All electrical elements are in accordance with the DIN standard and the machine is fitted with many Telemecanique (France) components which have overload protection reliability and are easily obtainable throughout the world.



Blade beam guiding

Three pairs of rollers ensure optimal guiding of blade beam, the two lower roller guides (A) offer maximum resistance to horizontal forces, while the upper pair (B) form a reverse torque to balance the cutting beam. The beam is permanently forced against the rollers by a third pair of prestressed roller guides (C). During the cutting action the angled movement of the beam provides a clearance so that a precise, straight, vertical cut edge is obtained reducing burrs and friction between the upper and lower blades.



Holddowns

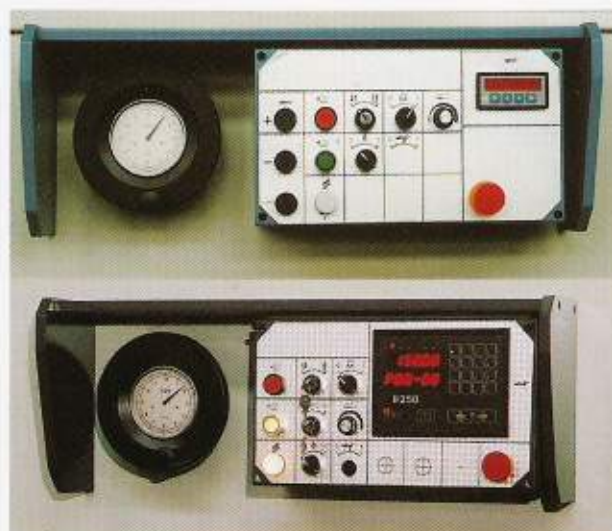
They receive a pre-set clamping force before the shear action starts and force builds up proportionally to the thickness and tensile strength of the plate being cut. At the left end, to guarantee an even better clamping the holddowns are positioned closer together allowing the clamping of narrow strips by more than one holddown.





Modes of operation

The control panel is equipped with a key switch to allow the choice of single or continuous stroking which the operator activates by using the movable foot switch.



Back gauge

YSD shears have a motorized back gauge operated from the front of the machine. Motorized backgauge with digit readout, the reset function can easily effect forward & backward. Back gauge travel can be in inch. Some versions also offer as standard a completely swing-up back gauge to enable the cut of strips wider than the back gauge travel.

One of the options available is a pneumatically operated swing away backgauge enabling material to be cut which is beyond the maximum range of the back gauge.



Cutting length / Strokes

The cutting length is easily adjusted by a potentiometer on the control panel. Short strokes may be used to cut material shorter than the entire blade length, thus reducing the cutting time and increasing productivity.

High quality blade

Made of high Carbon high Chrome steel each blade has four cutting edges and are suitable for the cutting of most materials including stainless steel and can be turned three times before regrind.

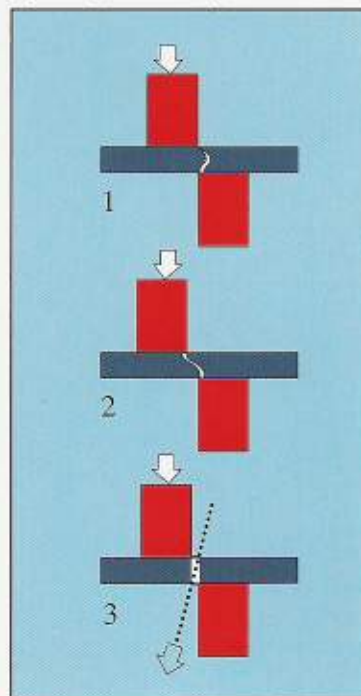
Shadow line lighting

It's handy and clear with the shadow line lighting for a close and accurate view of the cutting line.



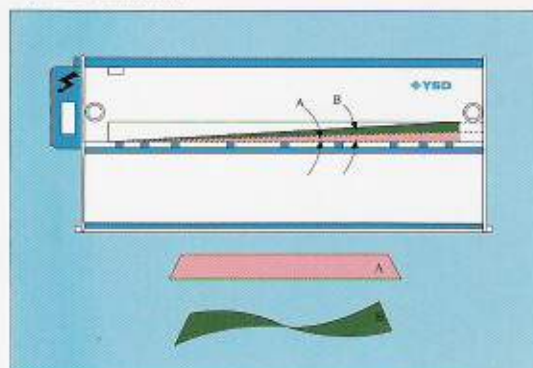
Blade gap

Satisfactory cutting results can only be obtained when the rake angle and blade gap are adjusted correctly.



Cutting angle

The YSD's independent controls for the blade gap and cutting angle are important features to obtain an optimal result and the ideal setting for virtually any kind of material.



Accessories and Options

Front supporting

Front supporting squaring arm with t-slots and scales & finger protection & limit stop carrier.



Frame throat

No throat or opening throat up to 100mm in the side frames is standard. A deep throat is t standard, but is allows option which the out of sheet plate longer than the blade lenght, up to a width will be required by user.



Thin sheet support system



Table & support plates

This features is greater efficiency and less risk of damage to the plates.

Ball transporter and bar can easily move the plate.



Safety

CE safety guards is available.



Front Loading System



CNC-Hydraulic guillotine shears

E20 (DAC 310) 1-axis NC-control with flexible programming possibilities. Modern compact user friendly NC-control with a clear LED display.

- automatic mode: to run your program continuous
- semi-automatic mode: to run your program step
- manual mode: manual movement of the axis.
- memory: 100 program setps
- display: segment character display



E20

ELGO NC system

X-Axis p8721
DAC-350 Delem



DAC-350 multi function CNC

Backgaug, Angle Gap and Stroke Length control with LCD display
-Handwheel operated manual movement for opto touch with your machine.

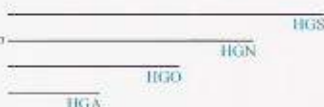
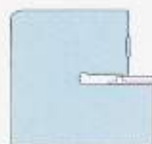
-2nd X-axis optionally

- Memory: 1000 program lines
- Display: LCD-screen 240x64
- Angle control 0-90.0 °
- Gap control 0-9.99 mm
- Stroke control 0-9.999 mm
- Step repeat 9999 max
- Stock count 9999 max
- Inch/mm selection



SERIES		HGA(K)				HGO(K)				HGN(K)					
MODELS		20 / 4	25 / 6	31 / 6	40 / 6	50 / 4	25 / 6	31 / 6.35	40 / 6.35	25 / 8	31 / 8	40 / 8	50 / 8	25 / 13	31 / 13
SPECIFICATION															
Max.shearing capacity															
Mild steel(45kg/mm ²)	mm	4	6	6	6	4	6	6.35	6.35	8	8	8	8	13	13
Cutting length	mm	2000	2500	3100	4000	5000	2500	3100	4000	2500	3100	4000	5000	2500	3100
Max.cutting force	KN	97	218	150	150	80	170	145	170	220	275	275	275	580	580
Back gauge range	mm	750	750	750	750	750	750	750	750	750	750	750	1000	1000	1000
Rake angle adjustment	°	1.5	1.5	2	2	0.5-1.5	0.5-2.5	0.5-3	0.5-2.5	0.5-2.5	0.5-2	0.5-2	0.5-2.5	0.5-2.5	0.5-2.5
Strokes per minute		18-36	18-36	15-45	11-45	8-20	14-45	12-45	10-45	17-45	15-45	13-45	8-30	9-35	7-35
Frame throat	mm	30	30	30	30	--	--	--	--	100	100	100	100	100	100
Number of holddowns		11	12	13	22	26	13	17	22	14	13	22	26	14	13
Volume of oil tank	l	144	201	227	250	200	110	110	200	290	350	400	605	383	449
Motor power(380V/50Hz)	kw	5.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	11	11	15	15	15	15
Approx. weight	kg	4000	4500	5800	7300	11000	4700	6600	9250	6000	7900	10800	19000	7500	8700
Dimensions															
Length	mm	2495	2995	3500	4400	5995	3445	4045	4995	3155	3755	4750	5895	3260	3860
Width	mm	1750	1750	2166	2200	1862	1727	1737	1862	1848	1848	1918	2485	1960	1960
Height	mm	1910	1910	2160	2260	1900	1615	1750	1900	2180	2180	2325	2520	2320	2320

SERIES		HGS(K)																											
MODELS		62/6	62/8	80/10	40/13	62/13	80/13	120/13	160/13	25/16	31/16	41/16	50/16	62/16	80/16	21/20	25/20	31/20	40/20	62/20	80/20	25/25	31/25	40/25	25/30	31/30	62/30	25/40	
SPECIFICATION																													
Max.shearing capacity																													
Mild steel(45kg/mm)	mm	6	8	10	13	13	13	13	13	16	16	16	16	16	16	20	20	20	20	20	20	25	25	25	30	30	30	40	
Cutting length	mm	6200	6200	8000	4000	6200	8000	12000	16000	2500	3100	4100	5000	6200	8000	2100	2500	3100	4000	6200	8000	2500	3100	4000	2500	3100	6200	2500	
Max.cutting force	KN	132	220	430	730	620	620	650	720	730	850	850	850	850	850	1270	1270	1370	1270	1400	1370	1960	1960	1500	2200	2200	2800	3300	
Back gauge range	mm	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	
Rake angle adjustment	°	0.5-2.5	0.5-2.5	0.5-2	0.5-2	0.5-2.5	0.5-2.5	0.5-2	0.5-2	0.5-3	0.5-2.5	0.5-2.5	0.5-2.5	0.5-2.5	0.5-2.5	0.5-3	0.5-3	0.5-2.5	0.5-3	0.5-2.5	0.5-2.5	0.5-3	0.5-2.5	0.5-3.5	0.5-3.5	0.5-3.5	0.5-2.5	0.5-3.5	
Strokes per minute		7-45	8-35	7-30	10-30	7-45	7-30	5-20	3-10	9-30	7-30	8-30	6-20	7-20	7-30	7-35	9-35	7-35	5-20	5-20	4-30	5-35	5-35	5-20	4-15	4-15	2.5-20	> 3	
Frame throat	mm	100	100	100	200	60	400	100	100	300	300	200	100	100	650	300	300	300	300	100	100	300	300	300	300	300	100	200	
Number of holddowns		32	32	42	20	32	42	61	81	13	16	20	22	32	42	11	13	16	20	32	40	13	16	20	13	16	12	13	
Volume of oil tank	l	686	686	845	561	686	1600	1600	1800	499	591	561	662	686	1800	370	499	591	627	1500	1800	828	1068	1100	920	1300	1800	1200	
Motor power(380V/50Hz)kw		15	22	37	22	30	60	75	2×37	22	22	30	37	37	60	30	30	30	30	60	2×37	45	45	2×30	55	55	2×17	60	
Approx. weight	kg	20000	24000	45000	17000	28000	55000	150000	248000	11000	12000	18000	28000	36000	85000	13000	14000	16000	29000	47100	98000	22000	26100	38000	29000	32000	85000	17500	
Dimensions																													
Length	mm	7065	7095	9016	4885	7100	9090	13320	17320	3265	3865	5020	5935	7135	9150	2970	3315	3970	5050	7320	9250	3585	4260	5335	3885	4485	7345	1950	
Width	mm	2530	2540	2615	2190	2515	3525	4025	4400	2140	2140	2290	2550	2550	3250	2275	2275	2275	3530	3500	3725	2800	2900	2900	2900	2900	3875	3450	
Height	mm	2650	2815	3000	2488	2830	3360	4800	5600	2350	2350	2575	2870	2870	3520	2470	2470	2470	3140	3390	3760	2835	2885	3735	2985	2985	3530	2985	



GUILLOTINE SHEARS

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FRAME				
Welding solid steel	▲	▲	▲	▲
BACK GAUGE				
A With swing-up	—	—	△	△
B Controls				
Electrical display	▲	▲	▲	▲
Ball screw	△	△	△	△
EQUIPMENT				
Holddowns	▲	▲	▲	▲
Deep frame throat	—	—	△	△
Motorized back gauge	▲	▲	▲	▲
Squaring arm with scale	▲	▲	▲	▲
Cutting angle adjustment	—	▲	▲	▲
Ball transporter	△	▲	▲	▲
Supporting bar on the table	▲	▲	▲	▲
Cutting length/strokes		▲	▲	▲
Extension arms	△	△	△	△
Blades for mild steel	▲	▲	▲	▲
Blades for stainless steel	△	△	△	△
Handwheel blade gap adjustment	▲	▲	▲	▲
Shadow line lighting	△	▲	▲	▲
Lengthening back gauge travel	△	△	△	△
Bevel gauge	△	△	△	△
Thin sheet support system	△	△	△	—
Stroke counter	△	△	△	△
Stacking systems	—	△	△	△
Front feeding system	△	△	△	△
CE Norm	△	△	△	△
CNC control				
X-axis	△	△	△	△
DAC 350 multi-axes	—	—	△	△

▲ Standard △ Option

REPRESENTATIVE:



ITALMACC CHILE LTDA.

Maquinas - Herramienta

NUEVAS Y USADAS

ESPECIALIDAD EN MAQUINAS ITALIANAS

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