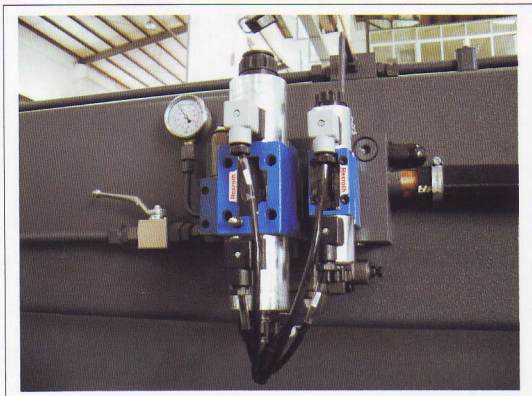


CNC Hydraulic Guillotine Shear



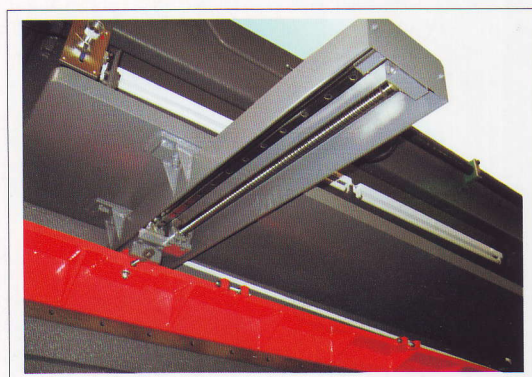
LFK LFK MACHINERY CO., LTD





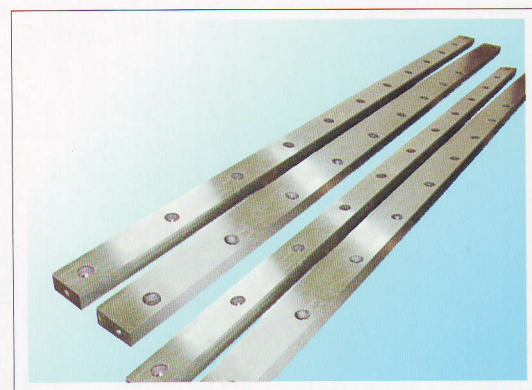
Imported hydraulic system

Adopt compact imported hydraulic system.



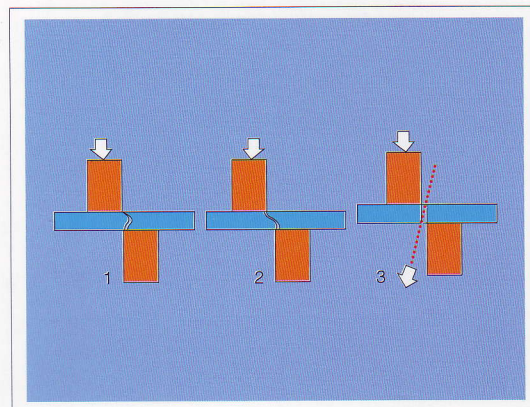
High precision back gauge

Heavy duty ball screw and linear guide way driven by AC servo motor.



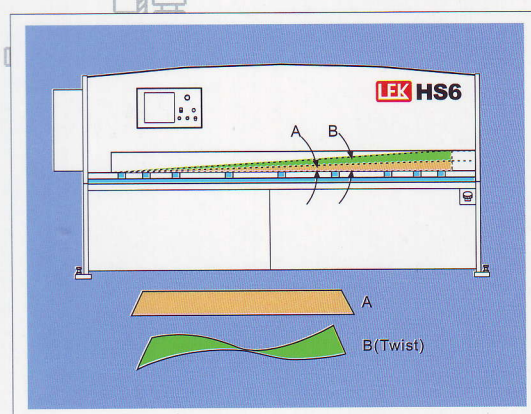
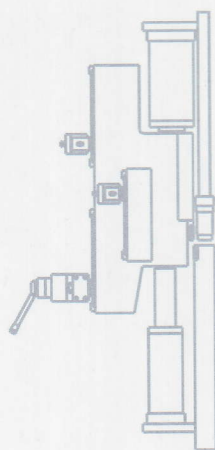
Quality cutting blades

Whole piece of high quality German cutting blades, each blade with 4 edges.



Blade gap

1. For small blade gap, the shearing section of the sheet will be damaged and incur excessive shearing force.
2. For large blade gap, the cut metal strip will be bend and stretched seriously with rough cutting edge and inaccuracy.
3. Normal blade gap.



Cutting angle

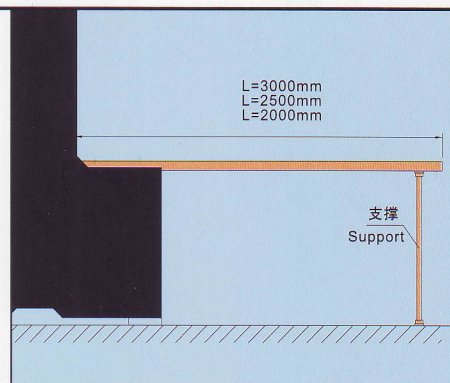
When cutting different thickness of metal sheet, it will achieve the ideal condition (A) with minimum twist of the metal strip by adjusting different cutting angel.



◀ Front squaring arm with scale

Front squaring arm with scale
and disappearing stop (1200mm)

Front squaring arm with scale and extra ▶
length and leg support. (Option)

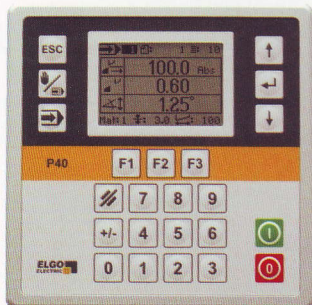


Optional extra long squaring arm with scale and support can
be selected for cutting long sheet (more than 1200mm)

Large CNC G. Shear can cut 25mm
thickness M. steel Plate

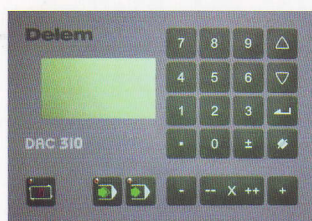


CNC system

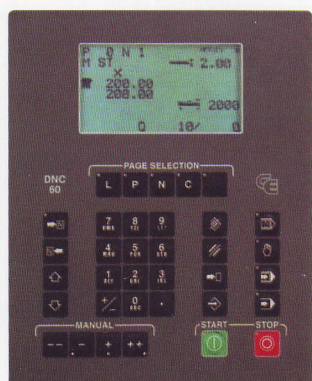


P40

- ◎ Control axis: 1
- ◎ High resolution LCD of 8 × 7 bits
- ◎ Inching, single & repeated automatic cycle operation
- ◎ Absolute / incremental programming
- ◎ Metric / Imperial unit conversion
- ◎ Each program has 99 steps, each step can repeat 99 times
- ◎ Automatic back gauge retraction (retraction can be set before or after cutting process)
- ◎ Repeatability accuracy of the back gauge: $\pm 0.1\text{mm}$



DAC310



DNC60

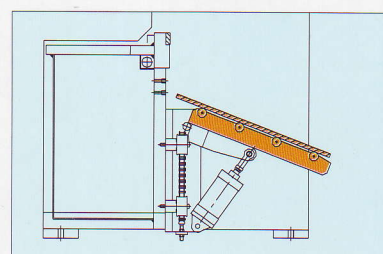
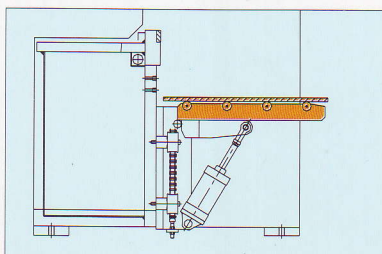
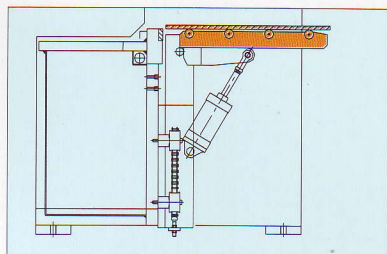
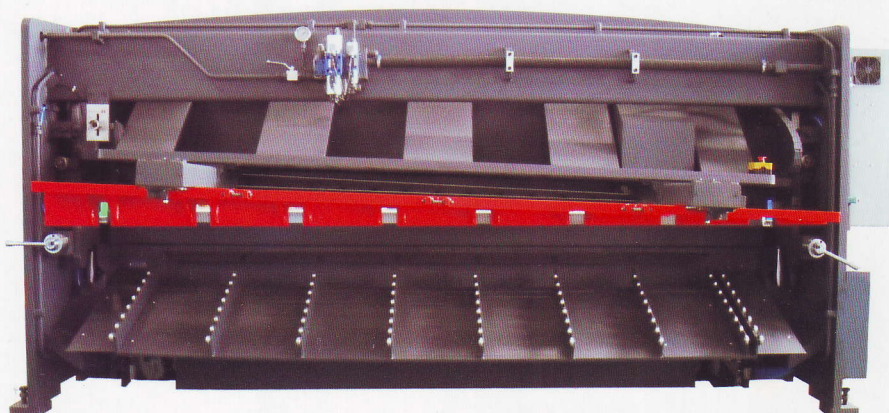
- ◎ Control axes: 3
- ◎ High resolution LCD display
- ◎ Inching, single & repeated automatic cycle operation
- ◎ Operator need to input the data of the sheet thickness, type of material, cutting length, retraction and the X axis value, then the CNC will calculate the cutting angle, blade gap and cutting stroke automatically.
- ◎ Absolute / incremental programming
- ◎ 800 program lines, each program has 36 steps max, each step can repeat 99 times.
- ◎ Automatic back gauge retraction (retraction can be set before or after cutting process)
- ◎ Repeatability accuracy of the back gauge: $\pm 0.1\text{mm}$

Standard equipments

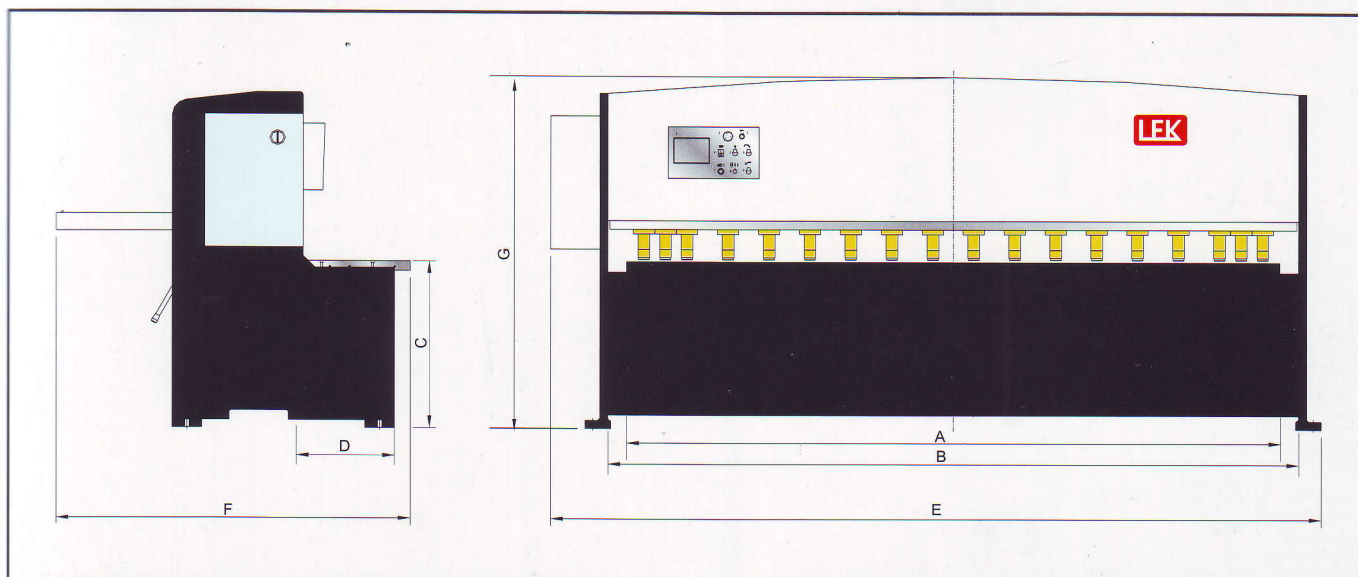
Standard equipments	CHS	HS
Control panel position	Left front of the machine, cutting from left to right	
Control system	DNC60	P40 / DAC310
Back gauge driver	High speed AC servo motor	
Back gauge transmitting parts	High precision ball screw & linear guide way	
Blade gap, cutting angle and stroke length adjustment	Automatic	Manual
Adopting Germany blades (upper & lower blades w/ 4 edges)	One Set, 18mmx51mm (HS / 6) One Set, 20mmx70mm (ES10/13)	
Independent hydraulic hold down with built-in spring	●	
Working table with ball transfers	●	
Front squaring arm with scale	One piece, 1200mm long	
Front support arms	Two pieces, each 1200mm long	
Cutting line illumination	●	
Foot pedal	●	
One set of tool box	●	
● Standard Equipment		

Optional Accessories

Two steps automatic pneumatic sheet support system (Option)



Overall Dimension



Machine parameters of HS/CHS Hydraulic Guillotine Shear

Technical Specification	Unit	6-26	6-32	6-41	6-60	10-26	10-32	13-26	13-32	13-41	16-32	25-32
Cutting Capacity												
Mild Steel (45kg/mm ²)	mm	0.5-6	0.5-6	0.5-6	0.5-6	1-10	1-10	2-13	2-13	2-13	2-16	4-25
Stainless Steel (70kg/mm ²)	mm	0.5-3	0.5-4	0.5-4	0.5-4	1-7	1-7	2-8	2-8	2-8	1-10	4-16
Maximum Cutting Length (A)	mm	2600	3200	4000	6050	2550	3200	2550	3200	4050	3200	3200
Cutting Angle	degree	1-2.4°	1-2.4°	1-2.4°	1-3°	1-3°	1-3°	1-3°	1-3°	1-3°	1-3°	1-3°
Strokes Per Minute	spm	19-28	13-20	15	6-9	7-18	8-16	8-16	7-14	6-12	7-14	7-14
Maximum Travel of Back Gauge	mm	800	800	800	800	800	800	900	900	900	1200	1200
Holddown Cylinders	pcs	15	18	20	33	15	18	15	18	20	18	12
Clearance Between Columns (B)	mm	2840	3510	4450	6470	2970	3570	3010	3640	4510	3640	3950
Height of Worktable (C)	mm	870	880	885	900	900	900	960	950	1100	1000	1000
Width of Worktable (D)	mm	440	470	560	670	610	610	610	610	860	785	760
Overall Width (E)	mm	3230	3915	4540	6940	3500	4000	3500	4000	4880	4910	5340
Overall Depth (F)	mm	1750	1800	1900	2780	2200	2200	2200	2200	2300	2570	3480
Overall Height (G)	mm	1800	1935	2000	2215	2100	2100	2100	2100	2200	2170	2800
Oil Tank Capacity	Litre	250	250	250	600	350	350	350	350	350	600	900
Main Motor (380V/50Hz)	kw	11	11	11	15	11	15	15	18.5	18.5	18.5	30
Machine Weight (Approx.)	kg	6000	6700	7800	26000	8300	9800	9500	13500	18700	15000	32000

N.B. Voltage stabilizer and hydraulic oil to be bought the users.

N.B. Specifications are subject to change without notice.



CNC Hydraulic Guillotine Shear



HS6-32-P40

Characteristics

- ◎ Fully welded steel frame, stress relieved by vibration process
- ◎ The up and down movements of the cutting beam are activated by 2 hydraulic cylinders
- ◎ Incorporated with a whole piece of 4 edges cutting blades from Germany
- ◎ Calibrate the thickness to change the cutting angle and the blade gap, guarantee precise cutting
- ◎ The oil tank, the main motor and the hydraulic pump are located at the lower front of the machine

CNC Hydraulic Guillotine Shear



CHS6-32-DNC60

Characteristics

- ◎ Fully welded steel frame, stress relieved by vibration process
- ◎ Incorporated with a whole piece of 4 edges cutting blades from Germany
- ◎ Automatic blade gap, cutting angle and stroke depth adjustment
- ◎ Thickness, sizes and quantity of work pieces can be input in one program, to be finished in one operation
- ◎ The oil tank, the main motor and the hydraulic pump are located at the lower front of the machine



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Xinyi Huahui CNC Machinery LTD.



Assembly Plant Of Guillotine Shear



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