



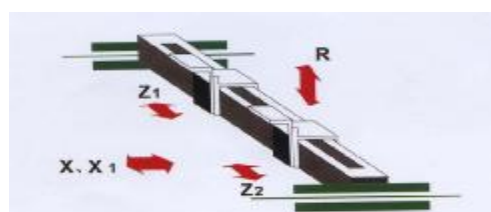
## CNC HYDRAULIC PRESS BRAKE MODEL : WE67K-63/2500

TECHNICAL FEATURES			
1	Type	Hydraulic CNC electro-hydraulic synchro	
2	Working force	63 T	
3	Distance between frames	2050 mm	
4	Throat depth	250 mm	
5	Open height	420 mm	
6	Stroke	200mm	
7	Ram speed	Fast down	110mm /s
		Bending	9 mm /s
		Return	90 mm /s
8	Main motor	7.5kw	
9	CNC system	Type: DA-52S Delem Co., Netherlands 3 Axis(Y1,Y2,X)	
10	Compensation	Automatic hydraulic type	
11	Tool	With 1 punching and 1 bottom die	
12	Main Electric Elements in cabinet	Schneider	
13	Seal in the cylinders	NOK	
14	Hydraulic components	BOSCH , Germany	
15	Linear Raster displayer sensor	HEIDENHAIN , GERMANY	
16	Gross weight	5400 kg	
17	Overall size(mm) LxWxH	2780x1725x2550	
	Packing:	With plastic covers Transportation:1/3x40' HQ CONTAINER	

Attachment: similar machine's photo

Remark:

1. Y1, Y2 axis-----Two linear scales installed at both sides of ram to control cylinders.
2. X axis-----Controlled axis of back gauge in the direction of front and back.





## **Main Performance:**

1. Equipped with DELEM CNC system made in Holland and other key parts such as linear scale, hydraulic valve, servo motor are all importing products.
2. There are two linear scales installed on "C" plates on both sides, which is fixed on worktable to eliminate the effect of deflection when working. The linear scale will inspect the both end positions of ram (Y1, Y2) and send signal. After amplified by CNC amplifier, the signal will be fed back to computer. Then the computer will control the volume of oil, which is going to enter into cylinders. So the parallelism of ram and worktable could be controlled under  $\pm 0.01\text{mm}$ .
3. DELEM system has automatic testing and self-diagnosis functions. Also, Programming is simply composed of putting in sizes of plate to bend, dimensions of work piece and choosing tools. Then CNC system could calculate the bending force and position of back gauge and ram automatically. Also the ram penetrating and pressing time relay could be calculated.
4. Good quality electro-hydraulic proportional valve is adopted to ensure the synchronization of both cylinders as well good capacity to deal eccentric load.
5. The stroke of ram and back gauge are all controlled by CNC system with good precision.
6. Main sliding parts such as cylinders, piston rod, guide way, are all treated with wear-resistance.
7. Back gauge adopts rolling ball screw and rolling guide way, so the repeat positioning precision of X axis could reach  $\pm 0.1\text{mm}$ .
8. Full machine is guarded with safety guard and interlocker to protect the operator from injured.



### Main Configuration:

No.	Name	Producer	Remark
1	CNC System	DELEM, DA-52S	
2	Valve block for pressure	BOSCH/HOERBIGER	
3	Valve block for synchronization	BOSCH, GERMANY	
4	Main sealers in cylinder	NOK or SKF	
5	Gear Pump	BOSCH	
6	Linear Scale	HEIDENHAIN	
7	Servo Motor	YASKAWA, JAPAN	

Attachment: similar machine's photo









