

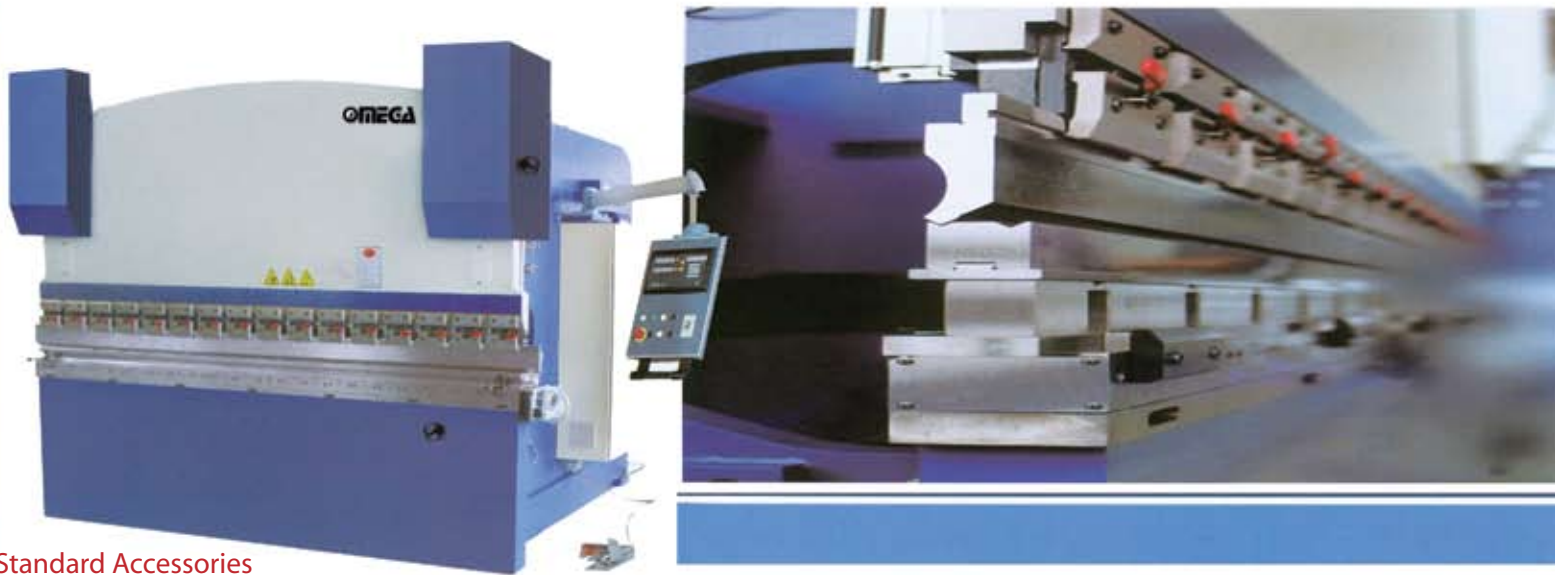


# OMEGA

WORLD CLASS SHEET METAL MACHINES



## O - 67Y Series, Hydraulic Press Brake



### Standard Accessories

- Double Cylinders control ram working
- Mechanical torsion synchronization
- Electric stroke adjustment
- Special Purpose digital display device
- Imported famous brand hydraulic system
- Key electric parts High efficiency rotary encoder

- T screw and common round guide control back gauge
- Oil seals from outsidersm (special purpose)
- Hydraulic working table cyder crowning for 100T-320T
- Standard upper and lower dies
- Standard front support sheet frame

No	Model	Nominal Pressure (kn)	Max Working Length (mm)	Distance Between Uprights (mm)	Open height (mm)	Throat Depth (mm)	stroke (mm)	Stocks adjustment (mm)	Worktable height (mm)	Main motor (kw)	Hydraulic oil flow rate (L)	Speed (mm/s)			Dimensions(mm)			weight (kw)
												Approach	working	Return	L	W	H	
1310018	45/1600	400	1500	1200	345	220	120	70	720	4	120	60	5.5	60	1600	1250	1280	3000
1310019	50/2200	500	2200	1700	355	220	120	70	720	5.5	170	60	5.5	60	2300	1250	1290	3500
1310028	63/2500	630	2500	2000	365	250	120	70	730	5.5	200	60	6.5	60	2600	1350	1350	4200
1310029	80/2500	800	2500	2000	305	320	120	70	800	7.5	200	60	8.5	60	2600	1360	1360	4800
1310030	80/3200	800	3200	2700	365	320	120	70	800	7.5	260	60	8.5	60	3300	1360	1360	5700
1310037	100/2500D	1000	2500	2000	395	350	160	70	900	7.5	400	80	9	70	2600	1620	1620	6700
1310038	100/3200D	1000	3200	2700	395	350	160	70	900	7.5	480	80	9	70	3300	1620	1620	7600
1310039	100/4100D	1000	4100	3300	395	350	160	70	900	7.5	580	80	9	70	4200	1620	1620	8800
1310040	100/5100D	1000	5100	4400	395	350	160	70	950	7.5	580	80	9	70	5200	1680	1680	11500
1310044	125/2500D	1250	2500	2000	395	350	160	70	900	11	400	80	9	90	2600	1680	1680	7500
1310045	125/3200D	1250	3200	2700	395	350	160	70	900	11	480	80	9	90	3300	1680	1680	8600
1310048	125/4100D	1250	4100	3300	395	350	160	70	900	11	580	80	9	90	4300	1700	1700	9900
1310041	125/5100D	1250	5100	4400	395	350	160	70	950	11	580	80	9	90	5200	1720	1720	13500
1310051	160/2500D	1600	2500	2000	395	350	160	70	900	11	400	80	9	85	2600	1720	1720	8200
1310052	160/3200D	1600	3200	2700	395	350	160	70	900	11	480	80	9	85	3300	1720	1720	9600
1310053	160/4100D	1600	4100	3300	395	350	160	70	900	11	580	80	9	85	4200	1720	1720	11200
1310054	160/5100D	1600	5100	4400	395	350	160	70	950	11	580	80	9	85	5200	1820	1820	16100
1310055	160/6100D	1600	6100	5400	395	350	160	70	1000	11	650	80	9	85	6200	1820	1820	19700
1310060	200/2500D	2000	2500	2000	430	400	200	100	910	15	400	80	7.5	90	2700	1780	2740	10500
1310061	200/3200D	2000	3200	2700	430	400	200	100	910	15	480	80	7.5	90	3410	1780	2740	12500
1310062	200/4100D	2000	4100	3300	430	400	200	100	910	15	580	80	7.5	90	4200	1780	2740	14200
1310063	200/5100D	2000	5100	4000	430	400	200	100	950	15	650	80	7.5	90	5200	1800	2850	20200
1310064	200/6100D	2000	6100	5400	430	400	200	100	1060	15	750	80	7.5	90	6200	1800	3100	24000
1310069	250/2500D	2500	2500	2000	430	400	200	100	950	18.5	400	80	7.5	90	2700	1830	2810	12400
1310070	250/3200D	2500	3200	2700	430	400	200	100	950	18.5	480	80	7.5	90	3420	1830	2810	14500
1310071	250/4100D	2500	4100	3300	430	400	200	100	950	18.5	580	80	7.5	90	4200	1830	2810	17600
1310072	250/5100D	2500	5100	4600	430	400	200	100	990	18.5	650	80	7.5	90	5200	1900	2900	21400
1310073	250/6100D	2500	6100	5400	450	400	200	100	1050	18.5	750	80	7.5	90	6200	1900	3150	24400
1310078	320/3200D	3200	3200	2700	520	400	250	150	980	22	700	80	9	65	3300	2150	3245	17100
1310079	320/4100D	3200	4100	3300	520	400	250	150	980	22	800	80	9	65	4300	2150	3430	20600
1310080	320/5100D	3200	5100	4600	520	400	250	150	1050	22	900	80	9	65	5300	2150	3500	25000
1310081	320/6100D	3200	6100	5400	520	400	250	150	1150	22	1000	80	9	65	6300	2150	3700	32000

## O - DNC Series, Hydraulic Press Brake



### Standard Accessories

DNC Controls 4 + 1 axes (Y1,Y2,X,R,V), 40T-50T are 4 axes (Y1,Y2,X,R)  
 Holistic welding structure treated by annealing  
 Lower-table cylinder crowning mechanism controlled by DNC  
 Swiss CYBELEC DNC880S system (Special Purpose)  
 High efficiency electric hydraulic proportional system  
 Press brake special light encored-gauge

High efficiency AC servo motor and driver  
 Oil seals from outside  
 High efficiency meshing gear pump  
 Ball screw and linear guide  
 Standard upper and lower dies  
 Standard front support sheet frame

No	Model	Nominal Pressure (kn)	Max Working Length (mm)	Distance Between Uprights (mm)	Open height (mm)	Throat Depth (mm)	Stroke (mm)	Worktable height (mm)	Main motor (kw)	hydraulic oil flow rate (L)	Speed (mm/s)			Dimensions (mm)			weight (kw)
											Approach	working	Return	L	W	H	
1322018	○40/1500	400	1500	1200	380	280	160	800	4	145	80	11	110	1700	1600	2200	3500
1322023	○50/2000	500	2000	1700	420	300	160	820	4	200	80	9	100	2200	1600	2350	4200
1322026	63/2500	630	2500	2050	420	300	160	850	5.5	240	80	10	90	2700	1600	2450	6000
1322029	63/3200	630	3200	2700	420	300	160	850	5.5	300	80	10	90	3300	1600	2650	6600
1322032	80/2500	800	2500	2050	450	320	160	850	7.5	240	80	11	80	2700	1700	2500	7200
1322033	80/3200	800	3200	2700	450	320	160	850	7.5	300	80	11	80	3300	1700	2650	7750
1322037	100/2500	1000	2500	2050	480	350	200	900	7.5	350	100	8.5	70	2700	1800	2480	8300
1322038	100/3200	1000	3200	2700	480	350	200	900	7.5	440	100	8.5	70	3300	1800	2480	9500
1322039	100/4100	1000	4100	3600	480	350	200	900	7.5	600	100	8.5	70	4300	1800	2480	11500
1322040	※100/5100	1000	5100	4600	480	350	200	800	7.5	700	100	8.5	70	5300	1800	2980	14400
1322044	125/2500	1250	2500	2050	480	350	200	900	7.5	350	100	7.5	70	2700	1800	2480	8820
1322045	125/3200	1250	3200	2700	480	350	200	900	7.5	440	100	7.5	70	3300	1800	2480	10600
1322046	125/4100	1250	4100	3600	480	350	200	900	7.5	600	100	7.5	70	4300	1800	2480	12400
1322047	※125/5100	1250	5100	4600	480	350	200	800	7.5	700	100	7.5	70	5300	1800	2980	15700
1322051	160/2500	1600	2500	2050	480	350	200	900	15	350	100	9.5	95	2700	1800	2650	9650
1322052	160/3200	1600	3200	2700	480	350	200	900	15	440	100	9.5	95	3300	1800	2700	11800
1322053	160/4100	1600	4100	3600	480	350	200	900	15	600	100	9.5	95	4300	1800	2800	13800
1322054	※160/5100	1600	5100	4600	480	350	200	800	15	700	100	9.5	95	5300	1800	2980	17620
1322060	200/2500	2000	2500	2050	520	400	240	910	18.5	525	100	9	100	2700	2000	2820	10220
1322061	200/3200	2000	3200	2700	520	400	240	910	18.5	700	100	9	100	3300	2000	2900	14700
1322062	200/4100	2000	4100	3600	520	400	240	910	18.5	930	100	9	100	4300	2000	2950	16000
1322063	※200/5100	2000	5100	4600	520	400	240	800	18.5	1000	100	9	100	5300	2000	3200	20520
1322064	※200/6100	2000	6100	5600	520	400	240	800	18.5	1000	100	9	100	6300	2000	3350	25100
1322069	250/2500	2500	2500	2050	520	400	240	950	18.5	525	100	7.5	95	2700	2000	2850	12850
1322070	250/3200	2500	3200	2700	520	400	240	950	18.5	700	100	7.5	95	3300	2000	2920	15000
1322071	250/4100	2500	4100	3600	520	400	240	950	18.5	930	100	7.5	95	4300	2000	2980	18000
1322072	※250/5100	2500	5100	4600	520	400	240	800	18.5	1000	100	7.5	95	5300	2000	3200	22000
1322073	※250/6100	2500	6100	5600	520	400	240	800	18.5	1000	100	7.5	95	6300	2000	3350	26500
1322078	320/3200	3200	3200	2700	520	400	300	1030	22	700	100	7.5	105	3300	2100	3150	19000
1322079	320/4100	3200	4100	3600	520	400	300	1030	22	930	100	7.5	105	4300	2100	3200	21500
1322080	※320/5100	3200	5100	4600	520	400	300	800	22	1000	100	7.5	105	5300	2100	3450	27000
1322082	※320/6200	3200	6200	5600	520	400	300	800	22	1000	100	7.5	105	6400	2100	3800	33600

## W67K DNC Series, Hydraulic Press Brake



### Standard Accessories

- Standard Four axes (Y1-Y2-X-V)
- Combined Structure
- DNC System Controls mechanical titled flexible compensation
- Working Table
- Swiss CYBELEC DNC600 system
- High efficiency electric hydraulic proportional system
- Special light encored-gauge

- High efficiency AC servo motor driver
- Oil seals from outside
- Oil pipe and pipe connector
- High-pressure plunger pump
- Ball screw and linear guide
- Standard upper and lower dies
- Standard front support sheet frame

NO	Model	Distance Between Uprights mm	Bending Width mm	Distance between upright mm	Open height mm	Throat Depth mm	Slide Stroke m/min	Dia of cy./dia. of rod/stroke mm	Die Height X Thickness mm	Lower die section size mm	Overall Dimensions (LxWxD) mm	Main motor kw	Weight kg							
1317001	W67K-400/3200	4000	3200	2700	500	400	250	φ310/φ290×0 26.5MPa	195×40	150×150 V=110	3465×3215×4250	30	25600							
1317002	W67K-400/4000	4000	4000	3300							4265×3215×4370		27800							
1317003	W67K-400/5000	4000	5000	4000							5265×3215×4710		33500							
1317004	W67K-400/6000	4000	6000	5000							6265×3215×5020		37500							
1317005	W67K-400/7000	4000	7000	5600							7265×3215×5355		42800							
1317006	W67K-400/8000	4000	8000	6600							8250×3260×5960		49800							
1317007	W67K-500/3200	5000	3200	2700	600	450	300	φ350/φ330×00 26MPa	260×40	150×150 V=120	3465×3450×4665	37	33200							
1317008	W67K-500/4000	5000	4000	3300							4265×3450×4660		40000							
1317009	W67K-500/5000	5000	5000	4000							5265×3450×4750		46200							
1317010	W67K-500/6000	5000	6000	5000							6265×3450×5070		53000							
1317011	W67K-500/7000	5000	7000	5600							7265×3450×5400		58000							
1317012	W67K-600/4000	6000	4000	3300							650		500	350	φ380/φ360×350 26.5MPa	300×42 ordie stem + die head	180×180V= 120 or 280× 180Combined lower die	4265×3825×5160	45	48000
1317013	W67K-600/5000	6000	5000	4000	5265×3825×5335	54800														
1317014	W67K-600/6000	6000	6000	5000	6265×3825×5560	62000														
1317015	W67K-600/7000	6000	7000	5600	7265×3825×6080	69000														
1317016	W67K-700/4000	7000	4000	3300	700	600	350	φ400/φ380×350 26MPa	300×42 or die stem + die head	300×180V= 140Combined lower die		4250×3000×5400						45		56000
1317017	W67K-700/5000	7000	5000	4100								5250×3000×5650								62000
1317018	W67K-700/6000	7000	6000	5000							6250×3000×5900	69000								
1317019	W67K-700/7000	7000	7000	5800							7250×3000×6300	76000								
1317020	W67K-800/4000	8000	4000	3300							800	600	400	φ450/φ420×400	450×48 die stem + die head	340×200 V=160 Combined lower die	4250×3400×5960		2×37	65000
1317021	W67K-800/5000	8000	5000	4100													5250×3400×6200			74000
1317022	W67K-800/6000	8000	6000	5000	6250×3400×6500	86000														
1317023	W67K-800/7000	8000	7000	5800	7250×3400×6750	98000														
1317024	W67K-800/8000	8000	8000	6600	8250×3400×7000	110000														
1317025	W67K-1000/5000	10000	5000	4000	1000	800	400	φ500/φ480×500	450×52 die stem + die head	400×200 V=200 Combined lower die							5250×3800×6930	2×45		94000
1317026	W67K-1000/6000	10000	6000	5000							6250×3800×7200	100000								
1317027	W67K-1000/7000	10000	7000	5800							7250×3800×7600	115000								
1317028	W67K-1000/8000	10000	8000	6600							8250×3800×8000	130000								
1317029	W67K-1250/5000	12500	5000	4000							1000	800	600	φ560/φ520×600 26MPa	650×60 die stem + die head	420×200 V=220 Combined lower die	5250×4300×7300		2×45	115000
1317030	W67K-1250/6000	12500	6000	5000													6250×4300×7650			130000
1317031	W67K-1250/7000	12500	7000	5500	7250×4300×7950	145000														
1317032	W67K-1250/8000	12500	8000	6800	8250×4300×8300	160000														
1317033	W67K-1500/6000	15000	6000	5000	1200	800	600	φ620/φ590×600 25.5MPa	650×60 die stem + die head	460×200V= 240Combined lower die							6250×4600×8500	2×55		166000
1317034	W67K-1500/7000	15000	7000	5800													7250×4600×8780			186000
1317035	W67K-1500/8000	15000	8000	6800							8250×4600×8950	200000								
1317036	W67K-1650/6000	15000	6000	5000							1200	800	600	φ620/φ590×600 26.5MPa	650×60 Die stem + die head	460×200V= 240 combined lower die	6250×4800×8500		2×55	170000
1317037	W67K-1650/7000	15000	7000	5800													7250×4800×8790			185000
1317038	W67K-1650/8000	15000	8000	6800													8250×4800×8950			210000

PSH/W67K DNC Hydraulic Tandem Press Brake  
 PSH/W67K-H High-Speed DNC Hydraulic Synchro Press Brake

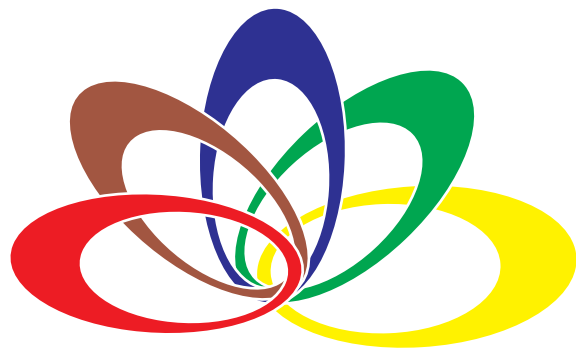


**Features**

Tandem mode can be achieved by PSH or W67K through the linkage unit  
 Either machine's configuration and performance are as good as the single PSH or W67K machines  
 The two machines can be either operated respectively or tandemly  
 The tandem mode is applicable to the super long work piece's processing  
 Being used extensively in the field of engineering plant, poles and tubes production

All the high-standard performance and configuration are as good as PSH or W67K ones  
 The crowning system is the same as the W67K ones, which is used special for large-tonnage press brakes  
 Working speed is 2-3 times of general DNC press brakes  
 Equipped with water or wind cooling system specially  
 The pivotal electrical and hydraulic elements are of international famous brand  
 Widely used in container manufacturing industry which is of high-production efficiency

Model	PSH 010032H	PSH 010041H	PSH 016032H	PSH 016041H	PSH 020032H	PSH 020041H	PSH 025032H	PSH 025041H	PSH 032032H	PSH 032041H	W67K 040032H	W67K 040040H	W67K 050040H	W67K 050050H	W67K 050060H	W67K 060040H	W67K 060050H	W67K 060060H
Nominal pressure (KN)	1000	1000	1600	1600	2000	2000	2500	2500	3200	3200	4000	4000	5000	5000	5000	6000	6000	6000
Max. Bending width(mm)	3200	4100	3200	4100	3200	4100	3200	4100	3200	4100	3200	4000	4000	5000	6000	4000	5000	6000
Distance between uprights(mm)	2700	3600	2700	3600	2700	3600	2700	3600	2700	3600	2700	3300	3300	4000	5000	3300	4000	5000
Opening height (mm)	480	480	480	480	520	520	520	520	520	520	500	500	600	600	600	650	650	650
Throat depth(mm)	350	350	350	350	400	400	400	400	400	400	400	400	400	400	400	500	500	500
Cylinder stroke(mm)	200	200	200	200	240	240	240	240	300	300	250	250	300	300	300	350	350	350
Working table height(mm)	900	900	900	900	910	910	950	950	1030	1030	800	800	800	800	800	800	800	800
Main power (KW)	15~22	15~22	22~37	22~37	37~55	37~55	37~55	37~55	45~ 2x37	45~ 2x37	2x30~ 2x45	2x30~ 2x45	2x37~ 2x45	2x37~ 2x45	2x37~ 2x45	2x45	2x45	2x45
Approaching speed(mm/s)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Working speed (mm/s)	15~25	15~25	15~25	15~25	15~25	15~25	15~25	15~25	15~25	15~25	15~25	15~25	15~20	15~20	15~20	15	15	15
Returning speed(mm/s)	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Length (mm)	3300	4300	3300	4300	3300	4300	3300	4300	3300	4300	3465	4265	4265	5265	6265	4265	5265	6265
Width (mm)	1800	1800	1800	1800	2000	2000	2000	2000	2100	2100	3215	3215	3450	3450	3450	3825	3825	3825
Height (mm)	2700	2800	2700	2800	2900	2950	2920	2980	3150	3200	4250	4370	4660	5200	5070	5160	5335	5560
Weight	9500	11500	11800	13800	14700	16000	15000	18000	19800	22800	25600	27800	40000	46200	53000	48000	54800	62000



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