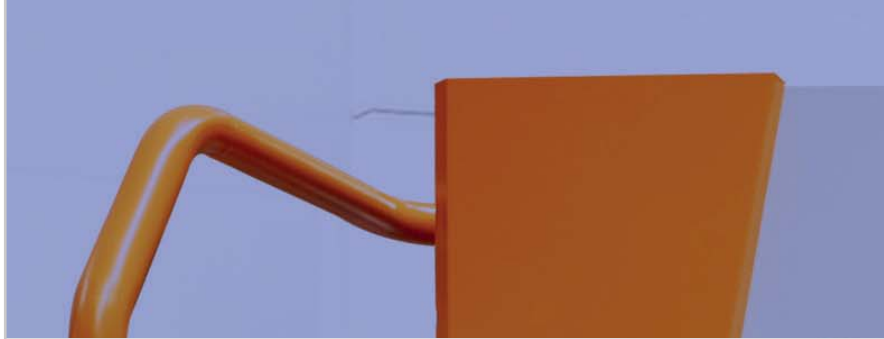


POWER BEND FALCON

SYNCHRONIZED HYDRAULIC
PRESS BRAKE



Stronger, Faster And Deeper Bends...

Power-Bend Falcon Series machines redesigned based on users preferences to become a unique machine with its individual electronic and mechanical features.

Power-Bend Falcon Series are among the highest rated machines which will help you increase your productivity and keep costs at minimum level with its user friendly CNC controller and low cost hydraulic maintenance.

New Power-Bend Falcon is exactly what you need for your accurate single, or complicated multiple bend productions.

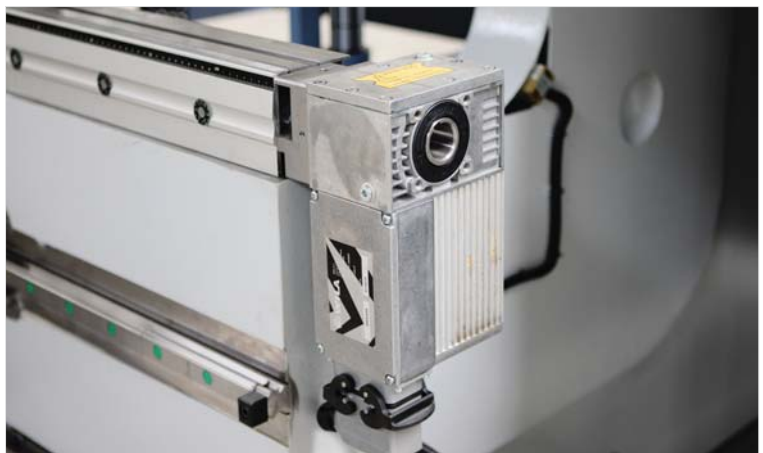
4 axes Y1, Y2, X, R

Motorized crowning system

Laser finger front protection

2D graphical touch screen CNC

Rigid body



MOTORIZED CROWNING SYSTEM

CNC crowning system that communicates with the CNC controller, performs crowning automatically and enables the part to be at even bending angle at any given point.

FINGER PROTECTION LASER SAFETY

Laser safety units that is produced specially for press brakes and is the leader among safety systems. Laser safe keeps the operator's safety at the top level.



QUICK RELEASE PROMECAM TOOL CLAMPING SYSTEM

Promecam type top tool clamping system which provides quick tool change can easily be loaded & unloaded.

DELEM 58T CONTROLLER

15" High Resolution TFT 2D Graphical Touch Screen Delem 58T controls maximum 4 Axis and also allows to control motorized crowning system and calculate bending steps automatically.

BACKGAUGE SYSTEM

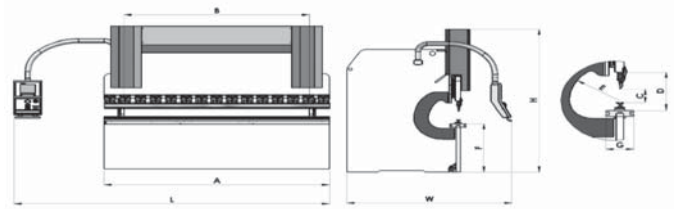
Power-Bend Falcon offers you 2 Axis (X and R) motorized back gauge system as standard. X and R Axis movements are precise by accurate servo motors mounted on back gauge system.



TECHNICAL SPECIFICATIONS

TYPE	BENDING LENGTH	BENDING POWER	DISTANCE BETWEEN COLUMNS	Y RAPID SPEED	Y WORKING SPEED	Y RETURN SPEED	CROWNING (S)	TRAVEL IN X AXIS	SPEED OF X AXIS	TRAVEL IN R AXIS	SPEED OF R AXIS
	A		B								
	mm (feet)	Ton (Us Tons)	mm (inc)	mm/s (inc/s)	mm/s (inc/s)	mm/s (inc/s)		mm (inc)	mm/s (inc/s)	mm (inc)	mm/s (inc/s)
1270-40 (4,17' - 44)	1270 (4,17)	40 (44)	1050 (41,3)	140 (5,51)	10 (0,39)	170 (6,69)	-	500 (19,7)	500 (19,7)	250 (9,8)	350 (13,8)
1270-60 (4,17' - 66)	1270 (4,17)	60 (66)	1000 (39,4)	200 (7,87)	10 (0,39)	165 (6,50)	-	500 (19,7)	500 (19,7)	250 (9,8)	350 (13,8)
2100-40 (6,89' - 44)	2100 (6,89)	40 (44)	1700 (66,9)	140 (5,57)	10 (0,39)	170 (6,69)	Motorized	500 (19,7)	500 (19,7)	250 (9,8)	350 (13,8)
2100-60 (6,89' - 66)	2100 (6,89)	60 (66)	1700 (66,9)	200 (7,87)	10 (0,39)	165 (6,50)	Motorized	500 (19,7)	500 (19,7)	250 (9,8)	350 (13,8)
2600-60 (8,53' - 66)	2600 (8,53)	60 (66)	2200 (86,6)	200 (7,87)	10 (0,39)	165 (6,50)	Motorized	500 (19,7)	500 (19,7)	250 (9,8)	350 (13,8)
2600-100 (8,53' - 110)	2600 (8,53)	100 (110)	2200 (86,6)	200 (7,87)	9,5 (0,37)	155 (6,10)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
2600-135 (8,53' - 149)	2600 (8,53)	135 (149)	2200 (86,6)	160 (6,30)	10 (0,39)	120 (4,72)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
3100-100 (10,17' - 110)	3100 (10,17)	100 (110)	2600 (102,4)	200 (7,87)	9,5 (0,37)	155 (6,10)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
3100-135 (10,17' - 149)	3100 (10,17)	135 (149)	2600 (102,4)	200 (7,87)	10 (0,39)	120 (4,72)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
3100-175 (10,17' - 193)	3100 (10,17)	175 (193)	2600 (102,4)	180 (7,09)	10 (0,39)	135 (5,31)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
3100-220 (10,17' - 242)	3100 (10,17)	220 (242)	2600 (102,4)	180 (7,09)	10 (0,39)	160 (6,30)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
3100-260 (10,17' - 286)	3100 (10,17)	260 (286)	2600 (102,4)	140 (5,51)	10 (0,39)	135 (5,31)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
3100-320 (10,17' - 352)	3100 (10,17)	320 (352)	2600 (102,4)	140 (5,51)	10,0 (0,39)	150 (5,91)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
3100-400 (12,37' - 440)	3100 (12,37)	400 (440)	2550 (100,4)	110 (4,33)	8,4 (0,33)	130 (5,12)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
3760-175 (12,34' - 193)	3760 (12,34)	175 (193)	3250 (128,0)	180 (7,09)	10 (0,39)	135 (5,31)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
3760-220 (12,34' - 242)	3760 (12,34)	220 (242)	3250 (128,0)	180 (7,09)	10 (0,39)	160 (6,30)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
3760-320 (12,45' - 352)	3760 (12,45)	320 (352)	3250 (128,0)	140 (5,51)	10,0 (0,39)	150 (5,91)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
4100-135 (13,45' - 149)	4100 (13,45)	135 (149)	3600 (141,7)	200 (7,87)	10 (0,39)	120 (4,72)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
4100-175 (13,45' - 193)	4100 (13,45)	175 (193)	3600 (141,7)	180 (7,09)	10 (0,39)	135 (5,31)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
4100-220 (13,45' - 242)	4100 (13,45)	220 (242)	3600 (141,7)	180 (7,09)	10 (0,39)	160 (6,30)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
4100-260 (13,45' - 286)	4100 (13,45)	260 (286)	3600 (141,7)	140 (5,51)	10 (0,39)	135 (5,31)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
4100-320 (13,45' - 352)	4100 (13,45)	320 (352)	3600 (141,7)	140 (5,51)	10,0 (0,39)	150 (5,91)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
4100-400 (14,01' - 440)	4100 (14,01)	400 (440)	3550 (139,8)	110 (4,33)	8,4 (0,33)	130 (5,12)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
4270-135 (14,01' - 149)	4270 (14,01)	135 (149)	3780 (148,8)	200 (7,87)	10 (0,39)	120 (4,72)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
4270-175 (14,01' - 193)	4270 (14,01)	175 (193)	3780 (148,8)	180 (7,09)	10 (0,39)	135 (5,31)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
4270-220 (14,01' - 242)	4270 (14,01)	220 (242)	3780 (148,8)	180 (7,09)	10 (0,39)	160 (6,30)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
4270-400 (14,01' - 440)	4270 (14,01)	400 (440)	3780 (148,8)	110 (4,33)	8,4 (0,33)	130 (5,12)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
6100-220 (20,012 - 242)	6100 (20,01)	220 (242)	5100 (200,8)	130 (5,12)	10 (0,39)	125 (4,92)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
6100-320 (20,01' - 352)	6100 (20,01)	320 (352)	5100 (200,8)	80 (3,15)	10,0 (0,39)	75 (2,95)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
6100-400 (20,01' - 440)	6100 (20,01)	400 (440)	5100 (200,8)	80 (3,15)	8,4 (0,33)	65 (2,56)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
6100-500 (20,01' - 550)	6100 (20,01)	500 (550)	5100 (200,8)	80 (3,15)	7,4 (0,30)	65 (2,56)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)
6100-600 (20,01' - 660)	6100 (20,01)	600 (660)	5100 (200,8)	80 (3,15)	8,3 (0,32)	75 (2,95)	Motorized	800 (31,5)	500 (19,7)	250 (9,8)	350 (13,8)

* Bending speed can not exceed 10mm/sec (0,39inc/sec) according to the CE regulations.



BACKGAUGE FINGER BLOCKS	NUMBER OF SHEET SUPPORT (Sliding front arms)	OIL CAPACITY	STROKE	DAYLIGHT	THROAT DEPTH	TABLE HEIGHT	TABLE WIDTH	LENGTH	HEIGHT	WIDTH	WEIGHT
			C	D	E	F	G	L	H	W	
Amount	Amount	lt. (Us Gallons)	mm (inc)	mm (inc)	mm (inc)	mm (inc)	mm (inc)	mm (inc)	mm (inc)	mm (inc)	kg (lbr)
2	2	80 (21,1)	170 (6,7)	387 (15,2)	350 (13,8)	850 (33,5)	90 (3,54)	2150 (84,6)	2300 (90,6)	1650 (65,0)	3220 (7100)
2	2	150 (39,6)	275 (10,8)	530 (20,9)	410 (16,1)	900 (35,4)	90 (3,54)	2250 (88,6)	2750 (108,3)	1960 (77,2)	4320 (9526)
2	2	80 (21,1)	170 (6,7)	387 (15,2)	350 (13,8)	850 (33,5)	90 (3,54)	2900 (114,2)	2300 (90,6)	1650 (65,0)	3885 (8566)
2	2	150 (39,6)	275 (10,8)	530 (20,9)	410 (16,1)	900 (35,4)	90 (3,54)	3250 (128,0)	2750 (108,3)	1960 (77,2)	5085 (11212)
2	2	150 (39,6)	275 (10,8)	530 (20,9)	410 (16,1)	900 (35,4)	90 (3,54)	3750 (147,6)	2750 (108,3)	1960 (77,2)	5700 (12569)
2	2	150 (39,6)	275 (10,8)	530 (20,9)	410 (16,1)	900 (35,4)	90 (3,54)	3750 (147,6)	2800 (110,2)	1950 (76,8)	6273 (13832)
2	2	200 (52,8)	275 (10,8)	550 (21,7)	410 (16,1)	900 (35,4)	90 (3,54)	3750 (147,6)	2800 (110,2)	2050 (80,7)	7673 (16919)
2	2	150 (39,6)	275 (10,8)	530 (20,9)	410 (16,1)	900 (35,4)	90 (3,54)	4250 (167,3)	2800 (110,2)	1950 (76,8)	6786 (14963)
2	2	200 (52,8)	275 (10,8)	550 (21,7)	410 (16,1)	900 (35,4)	90 (3,54)	4250 (167,3)	2800 (110,2)	2050 (80,7)	8186 (18050)
2	2	200 (52,8)	275 (10,8)	550 (21,7)	410 (16,1)	900 (35,4)	90 (3,54)	4250 (167,3)	2800 (110,2)	2150 (84,6)	9086 (20035)
2	2	300 (79,3)	275 (10,8)	550 (21,7)	410 (16,1)	900 (35,4)	200 (7,87)	4550 (179,1)	2850 (112,2)	2250 (88,6)	11286 (24886)
2	2	300 (79,3)	275 (10,8)	550 (21,7)	410 (16,1)	900 (35,4)	220 (8,66)	4550 (179,1)	2900 (114,2)	2350 (92,5)	13886 (30619)
2	2	400 (105,7)	375 (14,8)	650 (25,6)	410 (16,1)	900 (35,4)	240 (9,45)	4550 (179,1)	3200 (126,0)	2450 (96,5)	17082 (37666)
2	2	400 (105,7)	375 (14,8)	650 (25,6)	510 (20,1)	1000 (39,4)	240 (9,45)	4550 (179,1)	3470 (136,6)	2650 (104,3)	20910 (46107)
2	2	200 (52,8)	275 (10,8)	550 (21,7)	410 (16,1)	900 (35,4)	90 (3,54)	4900 (192,9)	2800 (110,2)	2150 (84,6)	10106 (22284)
2	2	300 (79,3)	275 (10,8)	550 (21,7)	410 (16,1)	900 (35,4)	160 (6,30)	5100 (200,8)	2900 (114,2)	2250 (88,6)	12906 (28458)
2	2	400 (105,7)	375 (14,8)	650 (25,6)	410 (16,1)	900 (35,4)	220 (8,66)	5100 (200,8)	3150 (124,0)	2450 (96,5)	20302 (44766)
2	2	200 (52,8)	275 (10,8)	550 (21,7)	410 (16,1)	900 (35,4)	90 (3,54)	5100 (200,8)	2800 (110,2)	2100 (82,7)	10964 (24176)
2	2	200 (52,8)	275 (10,8)	550 (21,7)	410 (16,1)	900 (35,4)	90 (3,54)	5100 (200,8)	2850 (112,2)	2150 (84,6)	11414 (25168)
2	2	300 (79,3)	275 (10,8)	550 (21,7)	410 (16,1)	900 (35,4)	160 (6,30)	5150 (202,8)	3000 (118,1)	2250 (88,6)	13414 (29578)
2	2	300 (79,3)	275 (10,8)	550 (21,7)	410 (16,1)	900 (35,4)	200 (7,87)	5150 (202,8)	3000 (118,1)	2350 (92,5)	17014 (37516)
2	2	400 (105,7)	375 (14,8)	650 (25,6)	410 (16,1)	900 (35,4)	220 (8,66)	5350 (210,6)	3150 (124,0)	2450 (96,5)	22064 (48651)
2	2	400 (105,7)	375 (14,8)	650 (25,6)	510 (20,1)	1000 (39,4)	240 (9,45)	5450 (214,6)	3470 (136,6)	2650 (104,3)	26409 (58232)
2	2	200 (52,8)	275 (10,8)	550 (21,7)	410 (16,1)	900 (35,4)	90 (3,54)	5280 (207,9)	2800 (110,2)	2150 (84,6)	11269 (24848)
2	2	200 (52,8)	275 (10,8)	550 (21,7)	410 (16,1)	900 (35,4)	90 (3,54)	5280 (207,9)	2850 (112,2)	2150 (84,6)	12550 (27673)
2	2	300 (79,3)	275 (10,8)	550 (21,7)	410 (16,1)	900 (35,4)	160 (6,30)	5320 (209,4)	3000 (118,1)	2250 (88,6)	14919 (32896)
2	2	400 (105,7)	375 (14,8)	650 (25,6)	510 (20,1)	1000 (39,4)	240 (9,45)	5600 (220,5)	3470 (136,6)	2650 (104,3)	26631 (58721)
4	4	300 (79,3)	275 (10,8)	550 (21,7)	410 (16,1)	1100 (43,3)	180 (7,09)	7500 (295,3)	3200 (126,0)	2350 (92,5)	24828 (54746)
4	4	400 (105,7)	375 (14,8)	650 (25,6)	410 (16,1)	1100 (43,3)	180 (7,09)	7500 (295,3)	3350 (131,9)	2450 (96,5)	30928 (68196)
4	4	400 (105,7)	375 (14,8)	650 (25,6)	510 (20,1)	1100 (43,3)	200 (7,87)	7650 (301,2)	3750 (147,6)	2650 (104,3)	39700 (87539)
4	4	500 (132,1)	375 (14,8)	675 (26,6)	510 (20,1)	900 (35,4)	240 (9,4)	7900 (311,0)	3700 (145,7)	2650 (104,3)	42622 (93938)
4	4	500 (132,1)	375 (14,8)	675 (26,6)	510 (20,1)	900 (35,4)	240 (9,4)	7900 (311,0)	3900 (153,5)	2650 (104,3)	47922 (105620)