



#### Main Features


- No need for stoppages when changing the bending speed, thereby considerably reducing cycle time
- High acceleration and deceleration ramps
- Off-centre bending, enabling load distribution
- Reduction in the number of bending phases
- Pre-loaded guidance system to maintain off-centre bending
- BlueDrive: Fast, Precise, Simple and Clean heavy-duty servomotors

#### Benefits

- Incredible precision in stopping the movable ram +/- 0.002 mm;
- Hexa-C frame: high precision in off-centre bending, maintaining the advantages of the C frame;
- No torsion is transmitted from the frame to the part in multi-station bending;
- Energy consumption ratio in the region of 40-60% when compared to hydraulic press brakes;
- Low mechanical complexity, simplifying maintenance tasks.

High-performance spindle with high load capacity – 25,000 hours of useful life (maximum load, 50% work cycle).

Automatic lubrication, equipped with an automatic electrical lubrication unit.



**SIMPLE AND SUSTAINABLE TECHNOLOGY**

BlueDrive: Fast, Accurate, Simple and Clean

Low mechanical complexity

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BB

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METAL FORMING SOLUTIONS



## PRESS BRAKES BB

TECHNICAL DATA SHEETS

## Press Brakes

## BB

Equipped with a Hexa-C frame, which ensures precision in guiding the movable ram, this fully electric machine, powered by the Bluedrive system, is capable of faster bending and, at the same time, allows energy savings thanks to its economical operation.



Supplied with all optional extras and accessories, this machine is the way forward for your bending solutions!

Available in two standard models ranging from 25 to 50 tonnes and 1.5 to 2 metres.

## TECHNICAL DATA SHEETS

BB		BB 3515	BB 5020
Bending strength	kN	350	500
Max. bending length	mm	1500	2000
Distance between side frames	mm	1250	1550
Maximum stroke	mm	250	250
Max. opening without intermediate tools	mm	500	500
Arch	mm	400	400
Power	kW	2x5.5	2x7.5
Approximation speed	mm/s	140	130
Working speed	mm/s	10	10
Return speed	mm/s	140	130
X-axis stroke	mm	500*	625**
X-axis speed	mm/s	400*	400**
R-axis stroke	mm	150	200
R-axis speed	mm/s	50	50
Z - Z1/Z2-axis stroke	mm	1000	1250
Z - Z1/Z2-axis speed	mm/s	800	800
X1-axis stroke	mm	NA	±100
X1 speed	mm/s	NA	100
Length	mm	2250	3050
Width	mm	1900	1900
Height	mm	2910	2910
Approx. mass	Kg	4400	5900



Equipment	BB
Intermediários "Adira/USA"	standard
Aperto Hidráulico Punção Wila Pro	■
Aperto Hidráulico Punção Wila Pro USA	■
Aperto Hidráulico Punção Wila Premium	■
Aperto Hidráulico Punção Wila Premium USA	■
Aperto Pneumático Punção com Inserção Frontal Teda	■
Mesa Bombeada base 60 "Kit Mesa Standard"	standard
Mesa sem bombeado 13 mm "Kit Mesa III"	■
Mesa Bombeada com Aperto Hidráulico Wila Pro	■
Aperto Pneumático para matrizes base 60 mm	■
2 braços de apoio simples em carril (sem ajuste de altura, sem escovas, L = 500 mm)	standard
1 braço adicional de apoio simples em carril (sem ajuste de altura, sem escovas, L = 500 mm) (necessita ADQ.03.02)	■
2 braços de apoio em carril (com ajuste de altura, com escovas, L = 800 mm) (substitui ADQ.03.02)	■
1 braço adicional de apoio em carril (com ajuste de altura, com escovas, L = 800 mm) (necessita ADQ.03.04)	■
Acompanhador de Quinagem (AQ1)	sob consulta
Esbarro X, R para AD20	■
Esbarro X, R para AD58	■
Esbarro X/R/Z1/Z2 para AD60	■
Esbarro X/R/Z1/Z2 para Delem 6X	■
Esbarro X/X1/R/Z1/Z2 para AD60	■
Esbarro X/X1/R/Z1/Z2 para Delem 6X	■
Esbarro de Torres X1/X2 - R1/R2 - Z1/Z2 (AD61 ou Delem 6X)	■
2 dedos de esbarro extra	■
Laser Safety IRIS (PHs - maiores que 4m)	standard
Laser Safety IRIS PLUS (Medição Ângulo) (só com AD61)	■
ESA AD20 (4 eixos)	standard
DELEM DA 58 (até 4 eixos)	■
ESA AD60	■
DELEM DA 66_2D (até 16 eixos)	■
DELEM DA 69_3D (até 16 eixos)	■
Leds (Smart Placing) Esa (apenas com AD6X)	on request
Leds (Smart Placing) Wila (apenas com Wila e AD6X)	on request
Leds (Smart Placing) Wila (apenas com Wila e Delem6X)	on request
Ar Condicionado no Quadro Eléctrico	■
Kit de ferramentas Standard - @ 85° Punção: 3 ou 4 x701603305 + 1x701602302 / 4-vee die 3 ou 4 x721103300 +1x721104300	■
Ferramentas Especiais	on request
Suta Digital	■
Kit ergonómico	■
2 Máquinas em tandem	on request