

ProfiPress



Passion for Engineering. Since 1771.



Bending

Customised solutions. From standardised individual machines to fully automatic systems.



Competence and passion: For more than 240 years, sheet metal forming – and our customers – have been the center of our attention. High service expertise, professional advice and fair cooperation characterise our company until today. We are proud of this.

As one of the oldest enterprises in Germany, EHT with its head office located in Teningen in Baden-Württemberg produces machine tools for sheet metal bending and cutting – from planning to development and manufacture to commissioning and service.

TRUE TO TRADITION.

In 1771, everything began with a hammer mill. In 1771, enlightenment was still in its infancy and Johann Wolfgang von Goethe wrote his "Götz von Berlichingen". And in Teningen, the hammer mill started to manufacture equipment for agriculture and forestry. EHT is thus one of the oldest enterprises in Germany. Since 1950, EHT produces machine tools for sheet metal forming – with the experience from and respect for the past, but with the future in mind and the ambition to improve.

TECHNOLOGY AND SERVICE OF THE HIGHEST STANDARD.

EHT's press brakes and guillotine shears are high-tech products in the field of sheet metal forming and are used all over the world. With branch offices in Germany, Poland and Russia as well as other cooperation partners, EHT acts internationally, without foregoing the steadfast basis of the headquarters in Teningen, Baden-Württemberg – as such, all EHT machines are "made in Germany".

The experience of many years in the manufacture of standardised all-round machines and complex, customized sheet metal bending solutions, highest demands on standards for the company's performance as well as professional advice and fair cooperation have always characterised the company EHT. And this will remain the case in the future.

EHT – THAT'S US:

- We are a family-owned, medium-sized company operating worldwide with a well-balanced range of products for sheet metal forming.
- We have many years of experience in the manufacture of standardised machines and highly complex installations.
- We put our customers first – no matter what type of challenge in sheet metal bending needs to be mastered.

Yesterday and today: EHT stands by you as a competent partner with sheet metal bending technology.



An unpretentious star. Our ProfiPress fascinates with high economic efficiency, robustness and flexibility.



A co-worker with excellent work morale. Undemanding, adaptable, flexible and reliable – these features will capture the boss' heart in no time. And with the ProfiPress, you can rely on all this. Even at low utilisation levels the ProfiPress operates economically thanks to its excellent price-performance ratio, and provides ideal support for your daily bending tasks. In addition, its simple, user-friendly control and programming ensure that each of your employees can operate the press without problem. This flexibility is also reflected by the selection of the length of work pieces and the tooling system – you decide what exactly your ProfiPress will look like.

Our fundamental idea in designing ProfiPress was to construct a robust basic machine offering useful add-on options in addition to a solid basic equipment. The result is convincing – also thanks to the extremely favorable price-performance ratio.

TECHNICAL DATA

Basic machine	ProfiPress 85	ProfiPress 130	ProfiPress 170	ProfiPress 230
Bending force	850 kN	1300 kN	1700 kN	2300 kN
Bending length	2550 mm	3050 mm	3050 mm	4050 mm
Width between columns	2150 mm	2550 mm	2550 mm	3550 mm
Max. distance between machine table and ram	500 mm	500 mm	500 mm	500 mm
Throat depth	305 mm	305 mm	305 mm	305 mm
Inclination of ram	+/- 10 mm	+/- 10 mm	+/- 10 mm	+/- 10 mm
Connected loads				
Motor power main drive	7.5 kW	11 kW	15 kW	18.5 kW
Oil filling	100 l	150 l	200 l	250 l
Speeds				
Y-axis	140-10-140 mm/s	140-8-140 mm/s	140-10-140 mm/s	140-9-140 mm/s
X-axis	500 mm/s	500 mm/s	500 mm/s	500 mm/s
R-axis	150 mm/s	150 mm/s	150 mm/s	150 mm/s
Z-axis	500 mm/s	500 mm/s	500 mm/s	500 mm/s
Displacement				
Stroke Y-axis	250 mm	250 mm	250 mm	250 mm
Max. gauge range	1000 mm	1000 mm	1000 mm	1000 mm
Displacement R-axis	150 mm	150 mm	150 mm	150 mm
Dimensions and weight				
Length x width	3.0 x 1.7 m	3.5 x 1.7 m	3.5 x 1.7 m	4.5 x 1.7 m
Height	2.6 m	2.6 m	2.6 m	2.8 m
Weight	7.4 t	9.1 t	11.9 t	16.5 t

Basic machine? More than that. Its new and modern EPC touch menu navigation and its options make it a complete ProfiPress.



Easy operation and fast programming:

The latest generation of touch panels offers you all the comfort and efficiency of modern controls: Clearly better as to programming, operation and control, it improves the productivity of your ProfiPress and makes direct navigation between production, programming and machine settings possible. In addition, EPC-Touch allows programming including calculation of the bending sequence as well as detection of collisions both in 2-D and 3-D.

Particularly economic and efficient: ProfiPress scores with an unbeatable price-performance ratio. However, it clearly stands out thanks to the numerous options that will turn this basic machine into your favorite co-worker.

HANDLING MADE EASY.

The ProfiPress standard version is equipped with two support brackets that can be shifted laterally along the entire bending length and adjusted according to the relevant height of the bottom die system. As an option, the press is available with one or two additional support brackets. The operator is thus provided with highest flexibility and can position the brackets on bottom dies of different heights quickly and without effort.

PRECISE POSITIONING.

The robust back gauge system of ProfiPress is very durable and guarantees precise bending results with highest repeating accuracy. In addition to the 2-axes standard version, ProfiPress is also available with four axes and additional manual stop fingers for even more precise results.

REMARKABLY FLEXIBLE.

What tooling system is the right one? No matter if you decide for the EHT tooling system or one by another manufacturer - an adapter makes ProfiPress flexible. As to bottom dies, you can choose between individual V-die for complex bend parts and cost efficient quickly to be changed block die for easy bending tasks.



EHT tooling system



Other tooling system

With height and lateral adjustment: With the help of the robust support brackets, even heavy sheet metals can be handled easily.



Robust and clearly structured: ProfiPress is available with 2 or with 4 axes in the back gauge.





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