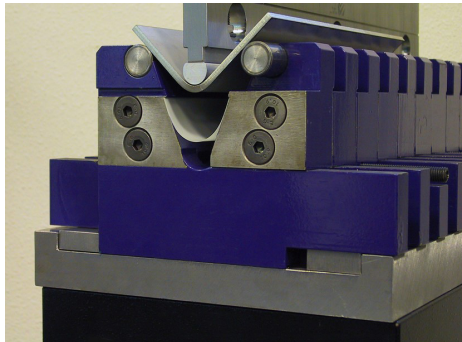


## Advantages of the VLM Die System

### The best choice for adjustable press brake tooling.

The VLM die is used to conveniently bend various sheet thicknesses in the sheet plate range from 3-50mm.

### A summary of the advantages:



- The VLM dies cover a broad range of die widths.  
It's therefore not necessary to exchange the die constantly.
- Bending up to 30°, especially ideal for high-tensile materials with large spring back.
- Reduced marking of the plate part with the hardened roller bars.
- Minimum wear of the bending radii because of hardened roller bars.
- 10% less press force required than with conventional dies.
- Possibility to easily change bend radius by adjusting die widths.
- Reduction of down times by as much as 30% because adjustment spacer bars are quick and easy to exchange.
- Minimum maintenance costs.
- The VLM die has an extremely small collision contour compared to conventional adjustable dies. More difficult bends are possible with the added bending freedom.
- The VLM dies can be used on both new and existing press brakes.
- The VLM die is modular in design; the user can start buying the die length he needs and add extra die modules later as needed.
- Possibility to use "Insert dies" and single V-die holders to extend die opening range.
- High level of precision and consistency over the long term.
- Modular design has interchangeable components for quick and low cost repair.
- Very high value for the investment.

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#### VLM bvba

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