

# Datasheet

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## Spring impact press BM15



The manually operated spring impact press BM15 was designed for continuous industrial use and develops an adjustable impact force up to a maximum of 500 kg / 5 kN. It is ideal for a whole range of applications such as stamping, embossing, riveting and caulking. The simple marking with one stroke enables a uniform marking depth even with parts of different heights.

It is ideal for a whole range of applications such as stamping, embossing, riveting or caulking. Our compact spring hammer press is used wherever high impact performance is required in the smallest of spaces. The tool holder can optionally be equipped with a wheel stamping device, numbering stamping unit, type holder and machine stamp. We would be happy to manufacture machine stamps for you based on your technical drawing.

## GENERAL DESCRIPTION

### Short specification Spring impact press BM15

Weight	10 kg
Dimensions [W x H x D]	132 x 450 x 210 mm
Adjustable pressure	500 kg / 5 kN
Maximum height	260 mm
T-slot mount	6 mm
Shank diameter	8 x 32 mm
Lever stroke	30 mm
Tool holder stroke	8 mm
Usable stroke	22 mm

### FUNCTIONAL PRINCIPLE: SIMPLE, ROBUST AND LOW-MAINTENANCE

The impact spindle is deflected until contact with the workpiece begins. A clamping device is normally not necessary because the workpiece is fixed by the workingtool contact. The compression process of the „mainspring“ follows. This transfers the energy to a firing pin, which then triggers the kinetic impact [-impulse] and applies the marking.

### FLEXIBLE USAGE

- There can be workpiece differences of 24 mm in one setting without headstock adjustment to be stamped
- Spring impact presses can be vertical or can be used horizontally

### SPRING IMPACT PRESSES PROGRAM

We offer you our spring impact presses in three versions. For an easier selection, the table below shows the font heights depending on the number of characters in steel.

Character height	BM15	BM20	BM32
2 mm	4 character	10 character	20 character
3 mm	2 character	8 character	14 character
4 mm	1 character	6 character	12 character
5 mm	—	4 character	8 character

You can find more information about our spring impact presses at [butzbach-marking.de](https://www.butzbach-marking.de) or give us a call. We are happy to help!

