

BM21 SS

PRODUCE HIGH-QUALITY MACHINED BEVELS IN STAINLESS STEEL WITH THIS PORTABLE ERGONOMIC POWER TOOL

The **Steelmax BM21 SS** beveling machine is a customized version of our industry-leading BM21 beveling machine specifically designed for use on stainless steel plate and pipe. Inaccurate bevels and poor weld preparation often lead to weld defects and excessive welding costs. With expensive stainless steels, accurate weld preparation is even more important. The **BM21 SS** utilizes a rotary milling head with ten carbide inserts to produce precise bevel angles from 0 to 60 degrees that dramatically improve fit up and all subsequent welding operations. Designed specifically for stainless steel applications, the **BM21 SS** utilizes a lower speed motor to improve machining and all contact surfaces are made of stainless steel to eliminate carbon contamination of the stainless steel work piece.

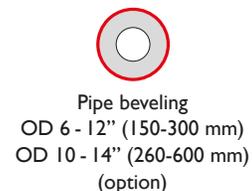
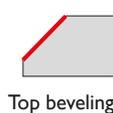
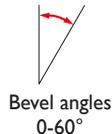
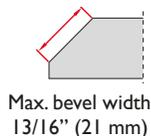
Unlike flame or plasma cut weld preparation, the **BM21 SS** produces no heat affected zone or distortion of the work piece. This portable tool can be carried anywhere and eliminates time consuming and costly material handling associated with moving plates around the shop to stationary burning and milling machines.

The **BM21 SS** features an ergonomic design that includes vibration dampening technology to protect the operator and the machine during heavy continuous operation. Automatic thermal overload protection circuitry protects the motor from premature failure, providing a reliable tool that can withstand the toughest jobs. The **BM21 SS** can be used on plate and pipe without any additional accessories.



FEATURES

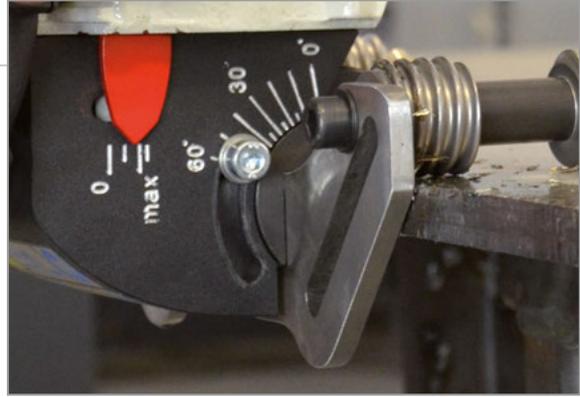
- All stainless steel contact surfaces to eliminate carbon contamination
- Single milling head using 10 indexable carbide inserts produces weld-ready bevels quickly and efficiently with low operator effort
- Fast and easy exchange of inserts with no need for special adjustment
- Working range from 0 to 60 degrees with continuous angle adjustment
- Simple bevel angle and bevel width setup
- Advanced vibration isolation protects both the operator and the machine
- Universal guide plate requires no additional accessories for beveling both plate and pipe



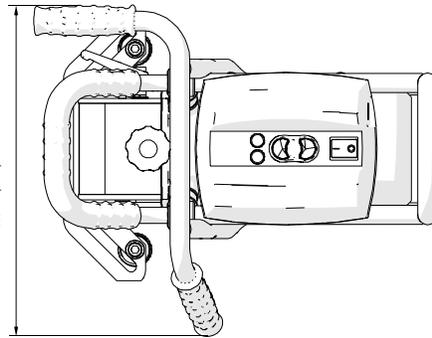
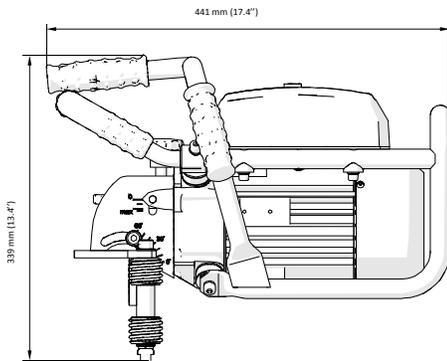
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The tools of innovation.

BM21 SS Technical Specifications

Voltage	115V 60 Hz or 230V 50 Hz
Power	1800 W Induction Motor
Spindle Speed	1560 RPM
Tooling	Integrated Milling Head with 10 Square Carbide Inserts
Bevel Angle	0° - 60° Continuous Angle Adjustment
Max Bevel Width	13/16" (21 mm)
Weight	51 lbs (23 Kg)
Part Number	SM-BM21-SS (115V/60Hz) SM-BM21-SS-230 (230V/50Hz)



Continuous angle adjustment from 0 to 60 degrees



Standard universal guide plate
made of Stainless Steel
for beveling both plates and pipes
Ø 6-12" (150-300 mm)



Plate facing



Plate beveling



Pipe beveling

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For ordering and customer service, or to request detailed product information or demonstration videos, contact:

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