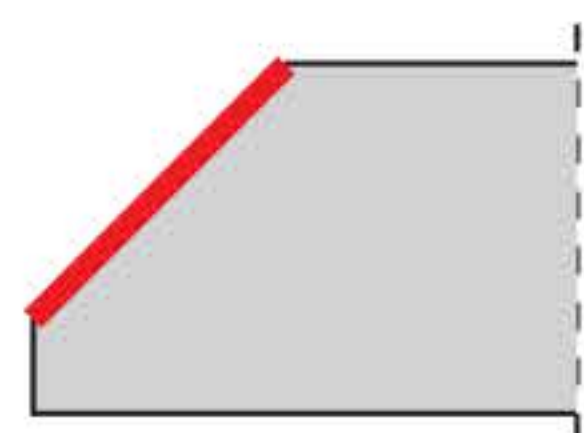


STEEL BEAST®

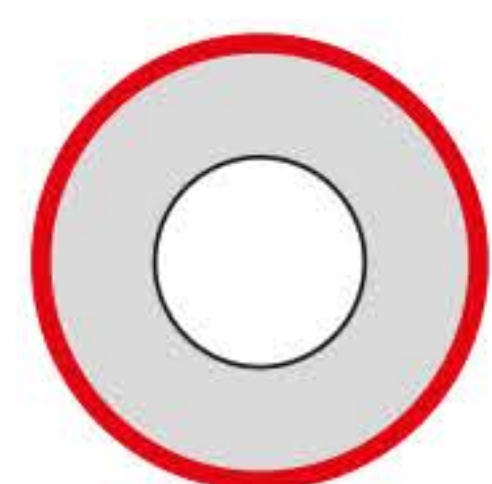
JEI
Solutions
Built for Industry

BM-21

BEVELLING MACHINE



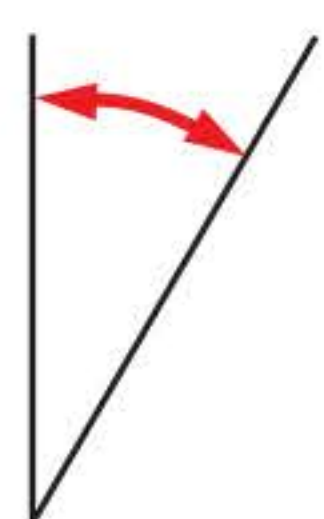
Top beveling



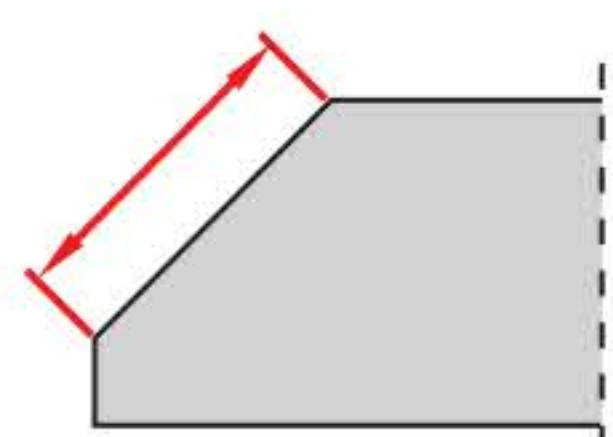
Pipe OD beveling
Min. ID 100 mm (4")



Facing off



Bevel angles 0-60°



Max. bevel width 21 mm

This new generation portable beveling machine BM-21 is one of the best tools for machining plates and pipes prior to welding. It is a beveller developed on the basis of many years of experience with highly successful predecessor model BM-20, which for many years was on the most favored tool list for many customers worldwide.

**SPECIAL MODEL BM-21S WITH
LOWER SPEED MOTOR DEDICATED
FOR MACHINING STAINLESS
STEELS IS NOW AVAILABLE**



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WWW.JEIUK.COM

PART NUMBER: BM-21

JEI Solutions



- ✓ New single milling head equipped with 10 square inserts, that makes machining process far more efficient with little operator's effort
- ✓ Fast and easy exchange of inserts with no need for special adjustment
- ✓ Extended working range from 0 to 60 degrees with continuous angle adjustment
- ✓ Easy setting of bevel angle and bevel width
- ✓ Vibration insulation protects both the operator and electronics against vibration
- ✓ One universal guide plate for beveling both plates and pipes replaces 3 different attachments used with BM-20

BM-21 TECHNICAL SPECIFICATION

Power supply	230VAC/50Hz or 115 VAC/60 Hz
Induction motor	with increased start-up current
Power	1100 W BM-21S: 1600 W (for 50 Hz); 1800 W (for 60 Hz)
Spindle speed	2820 rpm BM-21S: 1360–1630 rpm (at 230 V) and 1300–1560 rpm (at 115 V)
Tooling	integrated milling head with 10 square TCT inserts
Beveling angle	0-60° with continuous angle adjustment
Max bevel width	21 mm
Weight	20 kg (43 lbs) BM-21S: 23 kg (51 lbs)



BM-21 contains anti-vibration system including special shaped gripping construction with 4 dampers, enabling more comfortable operation, minimizing unwanted vibrations.

According to manufacturer's research the new anti-vibration system reduces vibration perceptibility by 37%.

37%
reduced vibration

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



Mono block milling head, with 10 indexable inserts fixed with screws.



Cutting Insert (1 piece), sold 10pcs/box Product code: BM21IS

Optional guide for pipes Ø 260-600mm (10-24") Product code: BM21-PA

Continuous angle adjustment from 0 to 60 degrees.

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