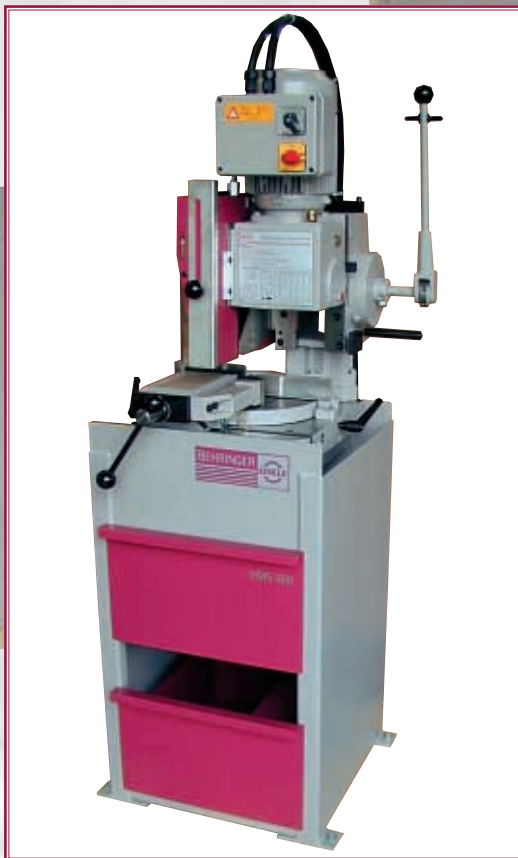


BEHRINGER

EISELE



High Performance
Circular Metal Sawing
Machines

VMS

300, 350, 370

The Original and the Yardstick of Vertical Sawing Machines

Since their first presentation in 1957 until now there are about 200.000 in permanent use. Longevity, solidity and high Quality Standard are the characteristics of the VMS-Series since decades. EISELE continues in their uncompromising policy with these models of the VMS-Series. Square guides, the bold gearbox with its unique shock absorbing feature for the VMS 350 – 370 models as well as the wide cutting ranges are the convincing arguments in favour of the VMS-Series.



VMS 370

Base Frame

Integrated into the machine base is the coolant system or, -as option- the micro-spraying system. The design of the base made of thick steel plate leads to reduced vibrations during cutting. A chip drawer makes the disposal of the chips so easy.

Sawblade Feed

Manually operated machines offer a smooth and easy sawblade feed via their lever, gearwheel and toothes rack. The semi-automatically operated machines offer a variable, hydro-pneumatically controlled setting of the sawblade feed.

Positioning for Mitre Cuts

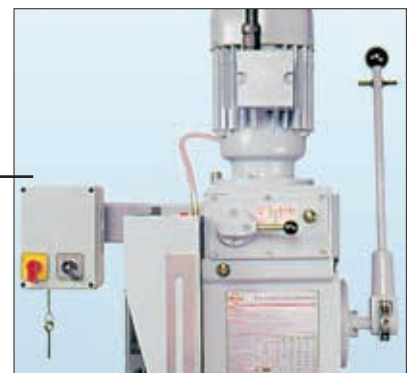
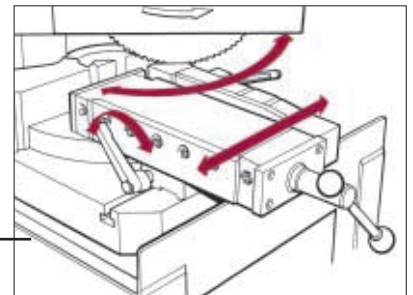
Each mitring position can be set with ease and accuracy within a range of 45°-90°-45°-30°. The upper part of the sawing machine is swivelled into mitring position, lefthand up to 45°-righthand up to 30°. The jaw is moved easily from left to right. The material remains in its position.

Drive and Gearbox

Standard pole-changing, three-phase, 2-speed-motors feature all three machine sizes. Bold gearboxes with the EISELE shock-absorbing feature allow a smooth cutting for nearly all kinds of steel (VMS 350 and 370), hardened and ground gear wheels and wormgears are the assurances for the longevity combined with highly reduced vibration adding to the sawblade lifetime.

4 speed gearbox

An easy to handle optional equipment for the VMS 350 / 350 PV and VMS 370 / 370 PV models which allows to cut nearly any kind of material.



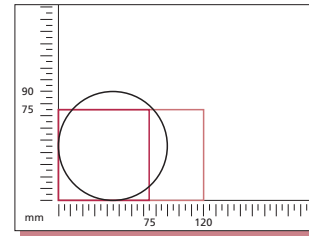
Proved Technic



High Performance Circular Saw for Manual Operation

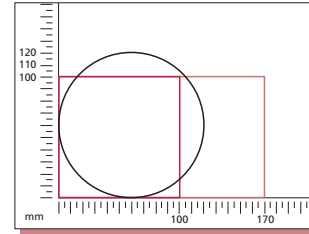
VMS 300

For sawblade diameter up to 11.8". The basic machine includes: Pole – changing, three-phase motor 1.3/1.6 H.P., sawblade speeds 120/240 SFM, coolant pump, system base frame and auxiliary clamp.



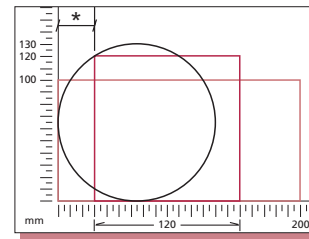
VMS 350

For sawblade diameter up to 13.7". The basic machine includes: pole-changing, three-phase motor, 1.8/2.5 H.P., sawblade speed 60/120 SFM or 120/240 SFM, coolant pump and system base frame.



VMS 370

For sawblade diameter up to 14.5". The basic machine includes: pole-changing, three-phase motor, 2.6/3.4 H.P., sawblade speed 64/128 SFM, coolant pump and base frame.



Cutting ranges with 90°
(*when using a jaw of 1.1")

Semi-Automatic High Performance Circular Saw

VMS 300 PV

VMS 350 PV

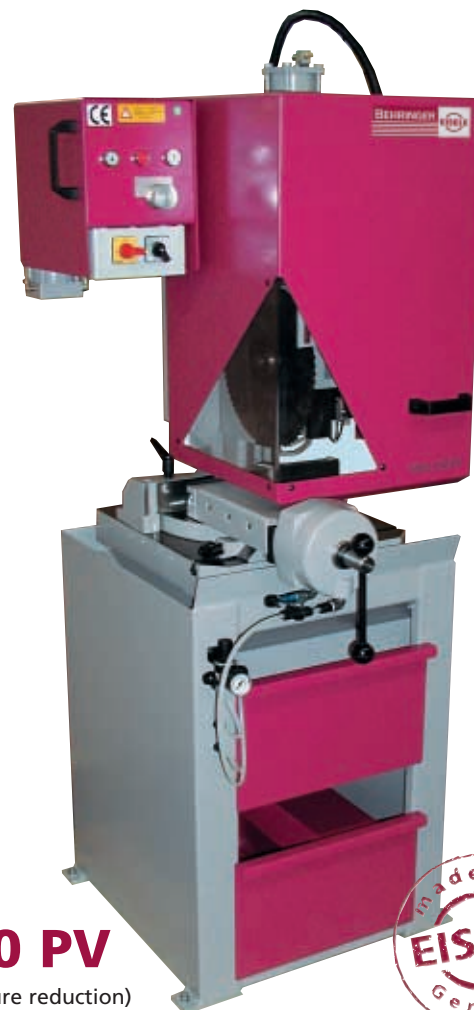
VMS 370 PV

The semi-automatic VMS-Series are additional equipped with:

- ◊ pneumatic quick-clamping device, option with clamping pressure reduction
- ◊ hydro-pneumatic feed, steplessly adjustable
- ◊ comfortable stroke adjustment of the saw unit via 2 easy to handle clamping levers
- ◊ including maintenance-unit (min. 6 bar air pressure necessary)

Easy Sawblade Change

The vertically adjustable sawblade protection – in conformity with CE-Standards – allows an easy and fast change of the sawblade.



VMS 350 PV

(with clamping pressure reduction)



Model		VMS 300	VMS 300 PV	VMS 350	VMS 350 PV	VMS 370	VMS 370 PV
Cutting range		90° (10.8")	45°	90° (13.7")	45°	90° (14.5")	45°
○	Inches	3.5	3.5	4.7	4.7	5.1	5.1
□	Inches	2.9	2.9	3.9	3.9	4.7*	4.3*
▭	Inches	4.7 x 2.9	3.1 x 2.9	6.7 x 3.9	4.7 x 3.9	7.8 x 3.9	5.5 x 3.9
Standard Sawblade	Inches	10.8 x .078 x 1.57		13.7 x .118 x 1.57		14.5 x .118 x 1.57	
Standard Power	H.P.	1.3/1.6		1.8/2.5		2.6/3.4	
Standard							
Cutting Speeds	SFM	115/230 or 57/115 (0.6/1.2 H.P.)		60/120 or 120/240		64/128 or 128/256	
optional							
Cutting Speeds	SFM	282/564		575/1150 (2.6/3.4 H.P.)		260/520	
4 speed gearbox							
Cutting Speeds	SFM			36/72/144/288		30/60/120/240	
option A.C. motor 230V	SFM	115 (1.4 H.P.)		-		-	
Swivelling saw head	Degrees	45- 90- 45- 30		45- 90- 45- 30		45- 90- 45- 30	
Compressed Air	PSI	85- 110		85- 110		85- 110	
Overall Dimensions	Inches	36 x 32 x 67	42 x 36 x 71	42 x 36 x 71	42 x 36 x 75	42 x 36 x 75	46 x 40 x 79
Net Weight	Lbs	407	451	660	748	946	1,034
Gross Weight	Lbs	506	550	792	880	1,078	1,166

*when using a jaw of 1.1"

Options

Options

- ▷ Length Stops, Roller Conveyors, Material Supports, Mechanic and Electronic Length Measuring Systems.
- ▷ For the manual designs we are offering additionally a pneumatic quick-clamping device, alternatively with clamping pressure reduction.



- ▷ EISELE Micro- Spraying-Unit.
This unit produces a micro lubricating film onto the sawblade. Exact setting results in minimum and constant consumption.



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