KLINGER®

Type MK III

Ring Cutting Machine

The slitting substrate supplied is of 3 mm gauge and has a diameter of 400 mm. Diameters available are 400 mm. 700 mm and 1270 mm.

New:
Circular slitters
of specially hardened steel

Dimensions and weights		
Equipment	with hand wheel	with motor drive
Length max.	1,100 mm	1,200 mm
Height max.	250 mm	250 mm
Width max.	170 mm	170 mm
Weight	6.5 kg	9.3 kg
Drive facility		
Voltage		220/240V 50 cycles
Power rating		50W, 0.23A
Drive shaft revolutions		53 rpm
MCB protection		IP 54
Overloading MCB, automatic		thermal triggering
Slitting speed, dependent on workpiece and gauge		5.5 - 6.5 m/min
working application		
Min. circular feature diameter, dependent on gauge		approx. 80 mm
Max. circular feature diameter		1,250 mm
Circular feature width, dependent on type of workpiece		up to 1 mm
Circular feature width max.		160 mm
Slitting depth, dependent on type of workpiece		up to 9 mm

Introduction

The Klinger MKIII Ring Cutting Machine is an ideal tool for cutting circular gaskets.
Clean, accurate cuts can be produced with minimum time, effort and operator training.

Installation

The unit is robustly constructed from heavy gauge steel plate. Weighing only 6.5 kg (9.3 kg with optional motorisation unit), the MKIII machine is sufficiently portable for field use. However for workshop use, the machine is more comfortable to operate when fixed to a bench or similar work surface.

Operating Instructions

a) Cut out central locating hole using 16mm wad punch provided.

b) Place material over locating pin (1) and extend tape measure as shown in photograph.

c) Adjust position of locating pin (1) by undoing lever located below the pin.

d) Align the cutting wheel (2) at the required OD of the gasket reading off the measuring scale and lower the wheel using small adjustment handle (3).

e) Lock locating pin (1) firmly.

f) Turn handle (4) to simultaneously rotate and cut gasket, progressively increasing cutting depth by turning handle (3)

   Note: Materials 2.5 mm and over should be cut from both sides.

g) Once OD is completely cut, readjust locating pin to cut ID.

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